

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016829.D
 Acq On : 22 Dec 2023 23:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 12/26/2023
 Supervised By : Semsettin Yesilyurt 12/26/2023

Quant Time: Dec 23 00:56:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.819	168	137230	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.715	114	242644	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	208145	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	88028	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	64622	51.584	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.160%			
35) Dibromofluoromethane	7.746	113	68512	49.292	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.580%			
50) Toluene-d8	10.203	98	252156	50.325	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.660%			
62) 4-Bromofluorobenzene	12.501	95	79143	48.686	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	51811	44.179	ug/l	100
3) Chloromethane	2.131	50	89570	49.687	ug/l	98
4) Vinyl Chloride	2.272	62	101812	50.002	ug/l	97
5) Bromomethane	2.674	94	73123	50.421	ug/l	94
6) Chloroethane	2.820	64	69980	50.720	ug/l	99
7) Trichlorofluoromethane	3.156	101	115170	48.554	ug/l	97
8) Diethyl Ether	3.558	74	37003	48.766	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.936	101	71703	49.279	ug/l	99
10) Methyl Iodide	4.125	142	65388	43.126	ug/l	99
11) Tert butyl alcohol	4.978	59	24881	242.232	ug/l	99
12) 1,1-Dichloroethene	3.911	96	66040	50.975	ug/l	98
13) Acrolein	3.759	56	17525	221.132	ug/l	99
14) Allyl chloride	4.521	41	107529	54.190	ug/l	99
15) Acrylonitrile	5.204	53	84173	261.948	ug/l	99
16) Acetone	3.972	43	68845	203.225	ug/l	100
17) Carbon Disulfide	4.235	76	183845	52.154	ug/l	99
18) Methyl Acetate	4.515	43	76043	57.440	ug/l	99
19) Methyl tert-butyl Ether	5.265	73	164298	49.288	ug/l	99
20) Methylene Chloride	4.759	84	80430	46.883	ug/l	98
21) trans-1,2-Dichloroethene	5.265	96	77695	52.584	ug/l	99
22) Diisopropyl ether	6.155	45	243642	54.272	ug/l	96
23) Vinyl Acetate	6.100	43	535319	252.125	ug/l	99
24) 1,1-Dichloroethane	6.064	63	143655	53.270	ug/l	99
25) 2-Butanone	7.021	43	108379	232.367	ug/l	95
26) 2,2-Dichloropropane	7.021	77	118360	50.295	ug/l	99
27) cis-1,2-Dichloroethene	7.021	96	89298	52.513	ug/l	97
28) Bromochloromethane	7.368	49	59794	56.020	ug/l	98
29) Tetrahydrofuran	7.386	42	68849	269.961	ug/l	99
30) Chloroform	7.539	83	145331	52.643	ug/l	98
31) Cyclohexane	7.819	56	119156	49.643	ug/l	97
32) 1,1,1-Trichloroethane	7.734	97	124395	51.333	ug/l	99
36) 1,1-Dichloropropene	7.947	75	109825	49.287	ug/l	100
37) Ethyl Acetate	7.112	43	47584	49.821	ug/l	99
38) Carbon Tetrachloride	7.935	117	106398	48.254	ug/l	99
39) Methylcyclohexane	9.209	83	128733	50.038	ug/l	97
40) Benzene	8.191	78	330373	50.949	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	26870	52.988	ug/l	98
42) 1,2-Dichloroethane	8.264	62	84073	49.697	ug/l	100
43) Isopropyl Acetate	8.301	43	90446	48.758	ug/l	100
44) Trichloroethene	8.965	130	81770	49.407	ug/l	99
45) 1,2-Dichloropropane	9.240	63	82775	50.889	ug/l	99
46) Dibromomethane	9.331	93	40960	48.745	ug/l	97
47) Bromodichloromethane	9.526	83	109510	49.446	ug/l	98
48) Methyl methacrylate	9.319	41	52035	50.473	ug/l	98
49) 1,4-Dioxane	9.325	88	8674	1063.538	ug/l	99
51) 4-Methyl-2-Pentanone	10.093	43	246750	249.656	ug/l	100
52) Toluene	10.270	92	198822	51.166	ug/l	99
53) t-1,3-Dichloropropene	10.490	75	99385	49.213	ug/l	99
54) cis-1,3-Dichloropropene	9.953	75	121596	49.918	ug/l	97
55) 1,1,2-Trichloroethane	10.666	97	58208	48.552	ug/l	98
56) Ethyl methacrylate	10.532	69	52482	49.782	ug/l	98
57) 1,3-Dichloropropane	10.813	76	100814	49.507	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.807	63	163275	287.898	ug/l	98
59) 2-Hexanone	10.855	43	165827	225.010	ug/l	100
60) Dibromochloromethane	11.008	129	66929	48.258	ug/l	100
61) 1,2-Dibromoethane	11.111	107	51271	47.687	ug/l	98
64) Tetrachloroethene	10.746	164	63669	49.242	ug/l	96
65) Chlorobenzene	11.538	112	203517	49.766	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.611	131	73646	47.864	ug/l	97
67) Ethyl Benzene	11.611	91	382650	50.837	ug/l	98
68) m/p-Xylenes	11.721	106	285088	102.567	ug/l	99
69) o-Xylene	12.050	106	130861	51.319	ug/l	99
70) Styrene	12.062	104	192235	50.946	ug/l	99
71) Bromoform	12.227	173	35608	46.419	ug/l #	98
73) Isopropylbenzene	12.349	105	360564	52.593	ug/l	100
74) N-amyl acetate	12.160	43	68736	47.774	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.599	83	66808	48.765	ug/l	98
76) 1,2,3-Trichloropropane	12.654	75	46979m	48.278	ug/l	
77) Bromobenzene	12.629	156	73495	49.140	ug/l	98
78) n-propylbenzene	12.690	91	437807	52.708	ug/l	99
79) 2-Chlorotoluene	12.776	91	236551	51.466	ug/l	99
80) 1,3,5-Trimethylbenzene	12.831	105	282031	51.969	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.398	75	18742	45.231	ug/l	99
82) 4-Chlorotoluene	12.873	91	242929	51.519	ug/l	99
83) tert-Butylbenzene	13.093	119	246448	52.208	ug/l	97
84) 1,2,4-Trimethylbenzene	13.135	105	280553	52.427	ug/l	99
85) sec-Butylbenzene	13.270	105	366765	52.456	ug/l	100
86) p-Isopropyltoluene	13.385	119	299979	51.518	ug/l	99
87) 1,3-Dichlorobenzene	13.385	146	144797	49.539	ug/l	100
88) 1,4-Dichlorobenzene	13.465	146	139866	49.006	ug/l	98
89) n-Butylbenzene	13.715	91	292390	52.530	ug/l	99
90) Hexachloroethane	13.977	117	61367	50.613	ug/l	97
91) 1,2-Dichlorobenzene	13.757	146	123355	49.539	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	7841	44.152	ug/l	98
93) 1,2,4-Trichlorobenzene	15.025	180	60003	45.414	ug/l	97
94) Hexachlorobutadiene	15.129	225	35391	47.160	ug/l	99
95) Naphthalene	15.257	128	108849	39.113	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	50268	44.672	ug/l	99

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

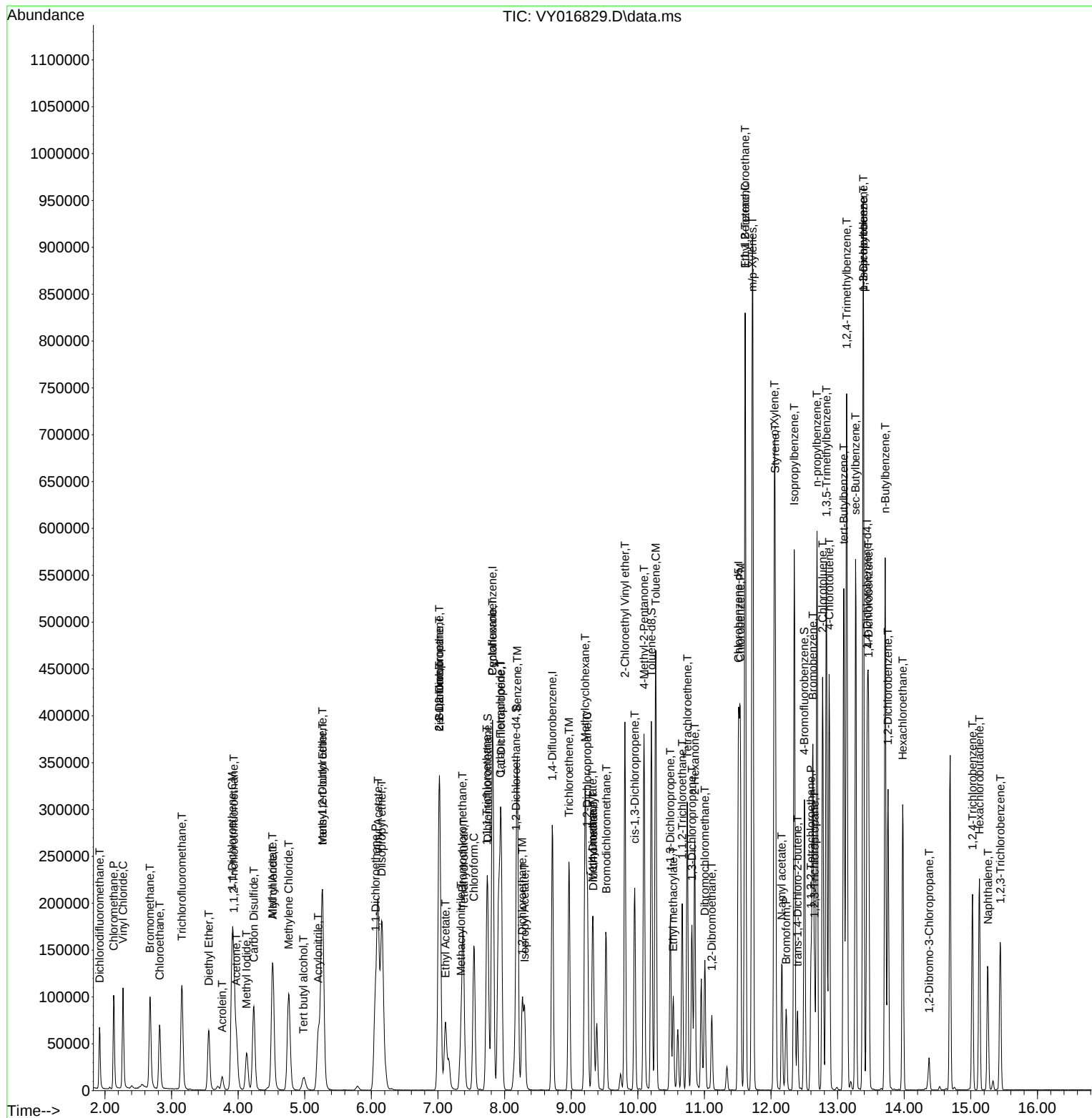
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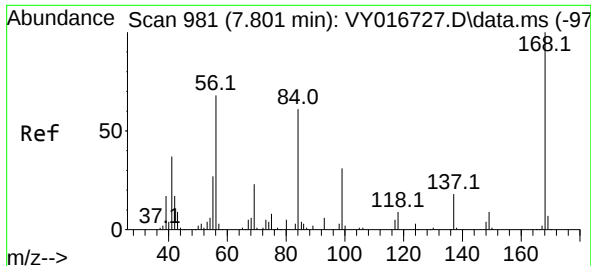
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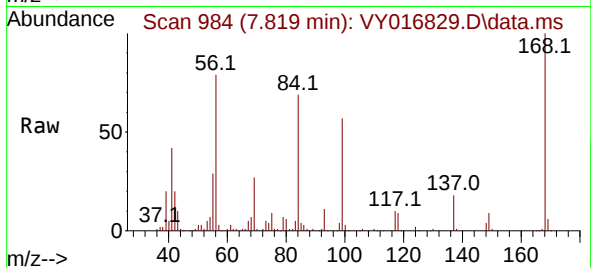
Reviewed By : Mahesh Dadoda 12/26/2023
 Supervised By : Semsettin Yesilyurt 12/26/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 981
Delta R.T. 0.018 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

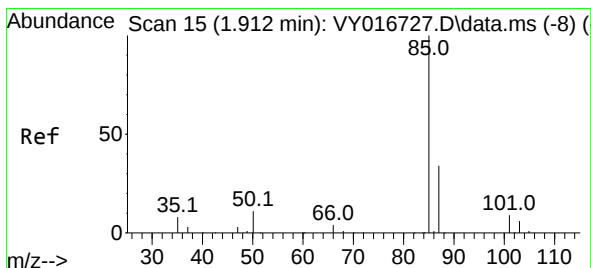
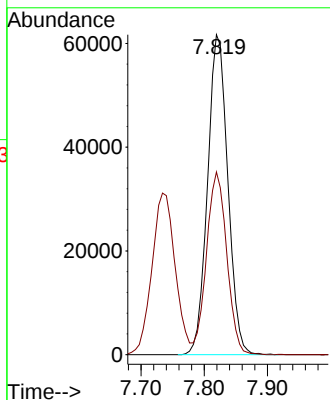
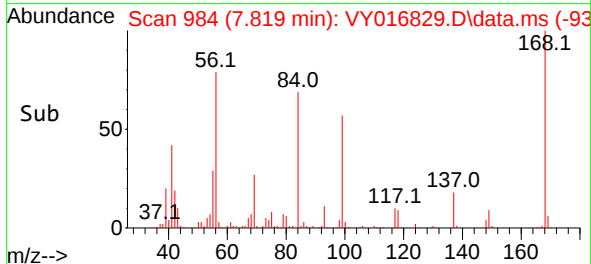
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 137230
Ion Ratio Lower Upper
168 100
99 57.0 44.2 66.4

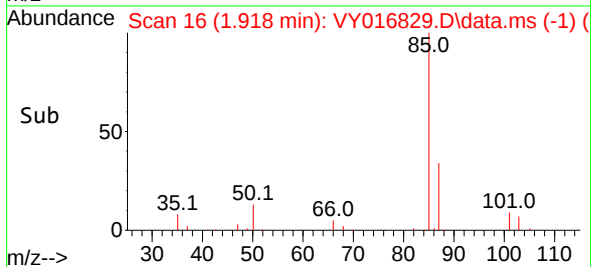
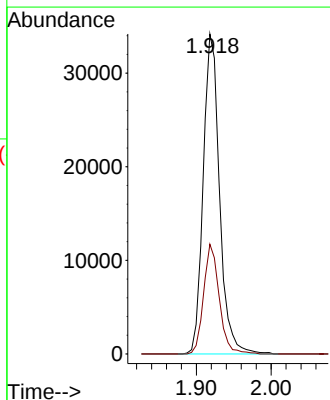
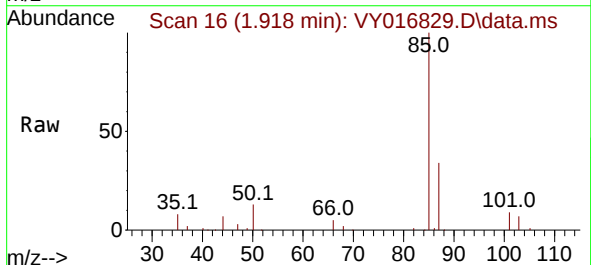
Manual Integrations
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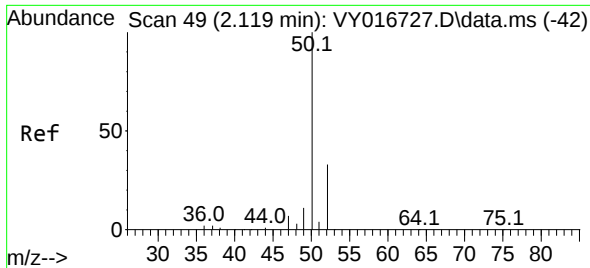
Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023



#2
Dichlorodifluoromethane
Concen: 44.179 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

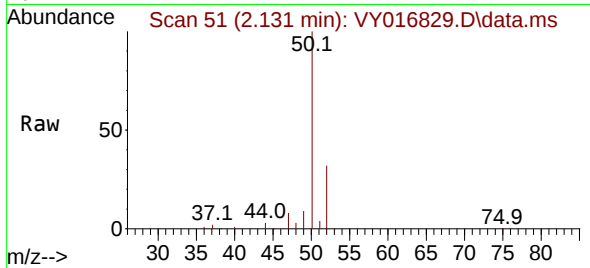
Tgt Ion: 85 Resp: 51811
Ion Ratio Lower Upper
85 100
87 34.3 17.1 51.3





#3
Chloromethane
Concen: 49.687 ug/l
RT: 2.131 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

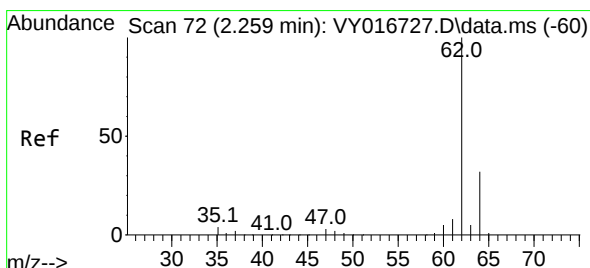
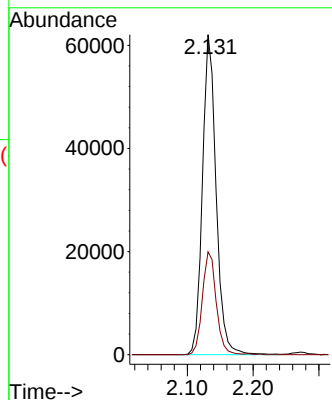
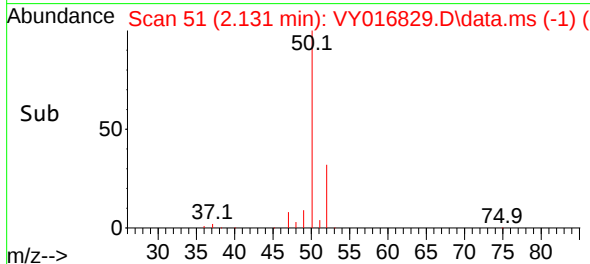
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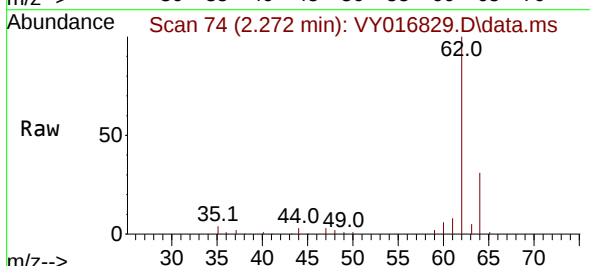
Tgt Ion: 50 Resp: 89570
Ion Ratio Lower Upper
50 100
52 32.2 26.7 40.1

Manual Integrations
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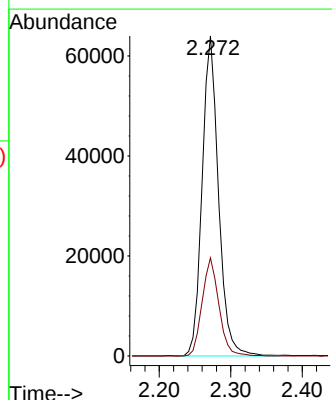
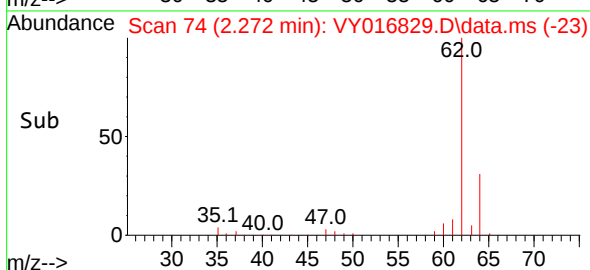
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Supervised By :Semsettin Yesilyurt 12/26/2023

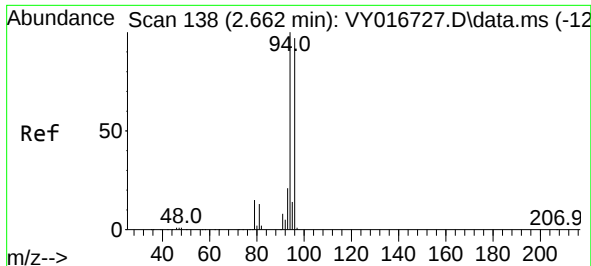


#4
Vinyl Chloride
Concen: 50.002 ug/l
RT: 2.272 min Scan# 74
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24



Tgt Ion: 62 Resp: 101812
Ion Ratio Lower Upper
62 100
64 30.7 25.7 38.5





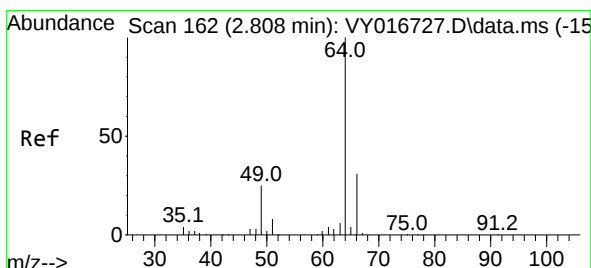
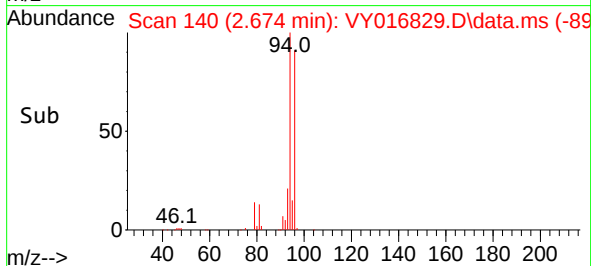
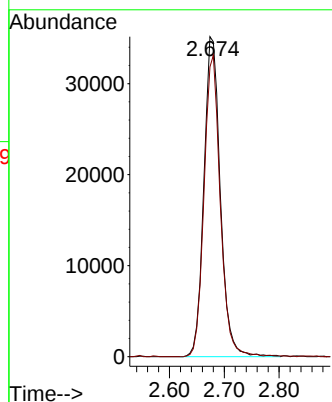
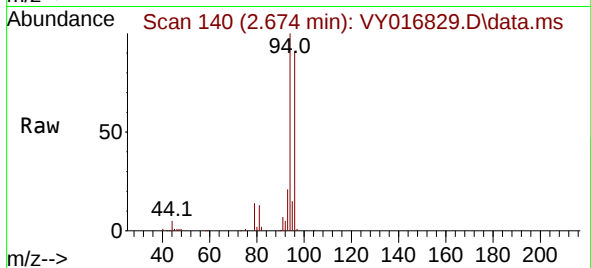
#5
Bromomethane
Concen: 50.421 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Instrument :
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Tgt Ion: 94 Resp: 7312
Ion Ratio Lower Upper
94 100
96 90.6 77.3 115.9

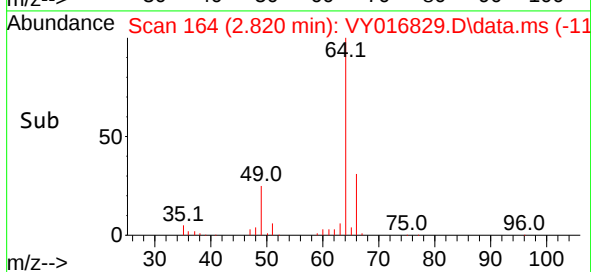
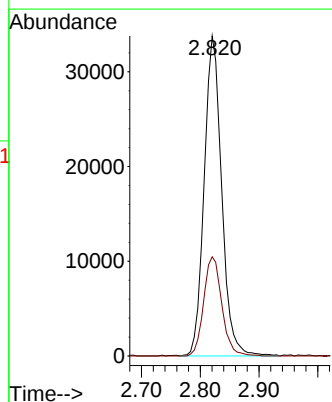
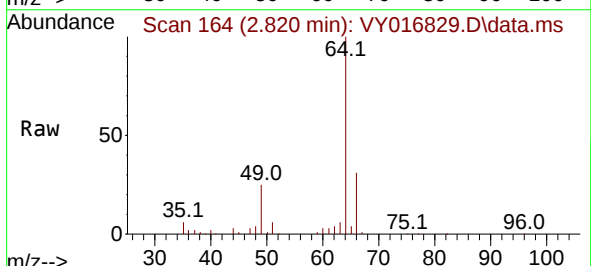
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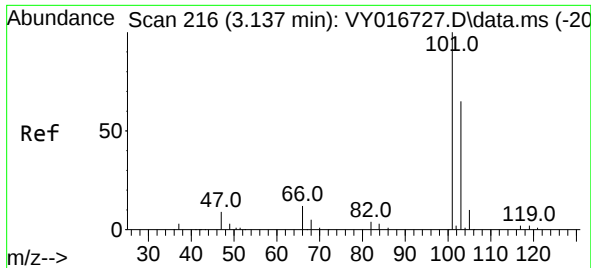
Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023



#6
Chloroethane
Concen: 50.720 ug/l
RT: 2.820 min Scan# 164
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

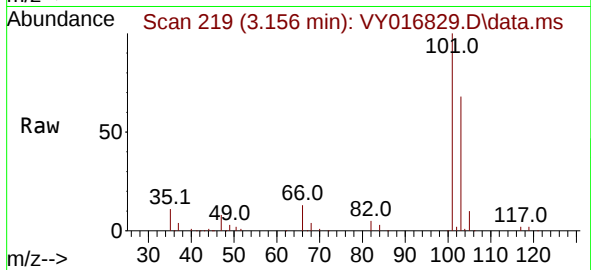
Tgt Ion: 64 Resp: 69980
Ion Ratio Lower Upper
64 100
66 31.0 25.1 37.7





#7
Trichlorofluoromethane
Concen: 48.554 ug/l
RT: 3.156 min Scan# 216
Delta R.T. 0.018 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

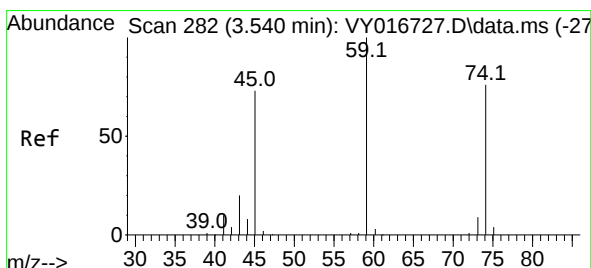
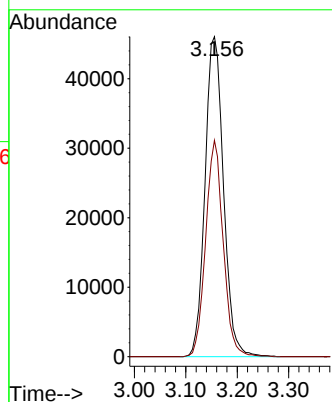
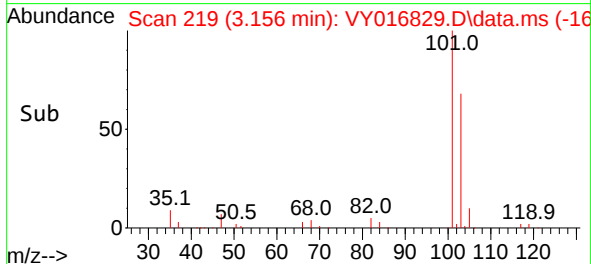
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Tgt Ion:101 Resp: 115170
Ion Ratio Lower Upper
101 100
103 67.6 51.9 77.9

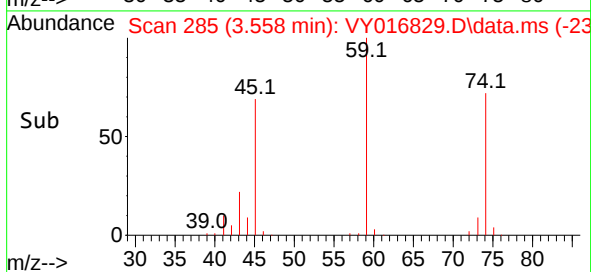
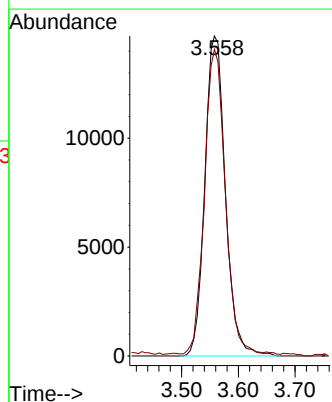
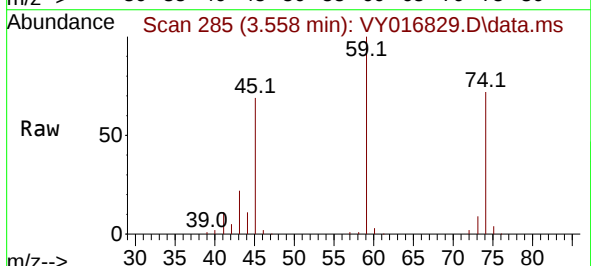
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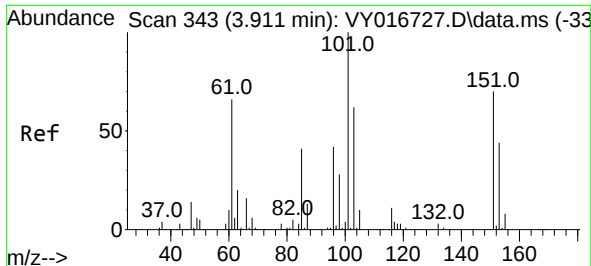
Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023



#8
Diethyl Ether
Concen: 48.766 ug/l
RT: 3.558 min Scan# 285
Delta R.T. 0.018 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

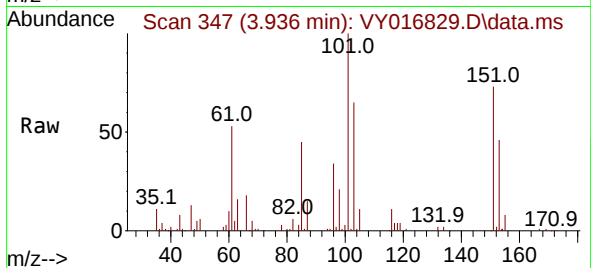
Tgt Ion: 74 Resp: 37003
Ion Ratio Lower Upper
74 100
45 95.6 47.9 143.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.279 ug/l
RT: 3.936 min Scan# 343
Delta R.T. 0.024 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

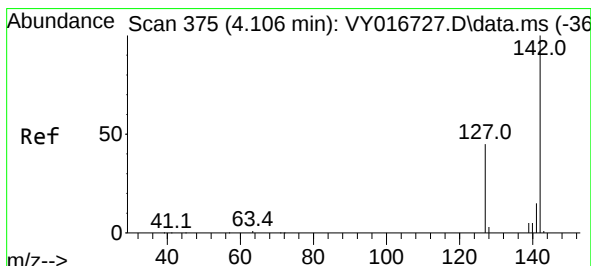
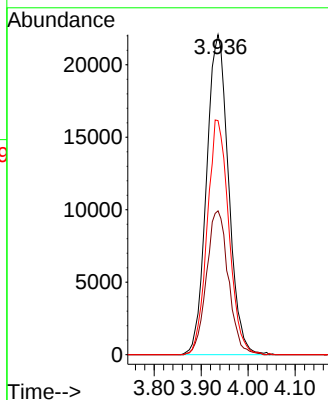
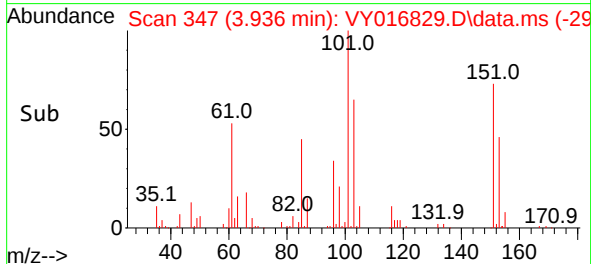
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



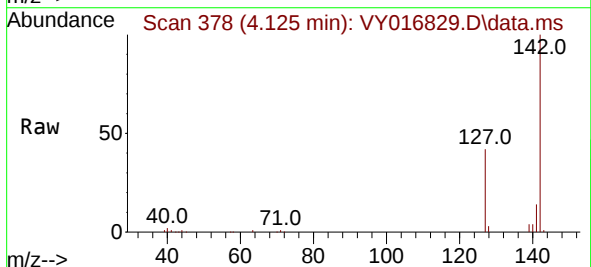
Tgt Ion:101 Resp: 7170
Ion Ratio Lower Upper
101 100
85 44.8 35.8 53.6
151 72.0 58.6 88.0

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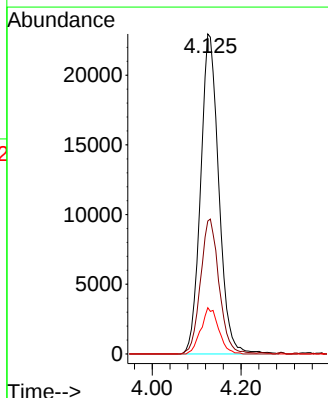
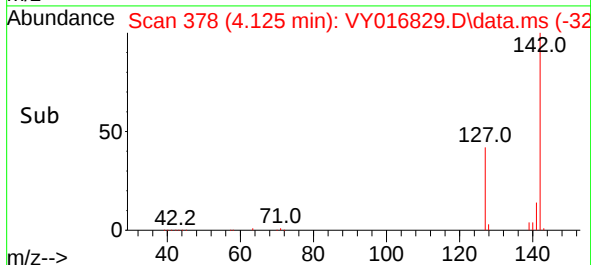
Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023

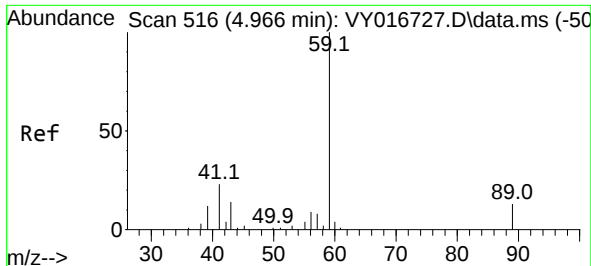


#10
Methyl Iodide
Concen: 43.126 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.018 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24



Tgt Ion:142 Resp: 65388
Ion Ratio Lower Upper
142 100
127 43.1 35.1 52.7
141 14.1 11.8 17.6





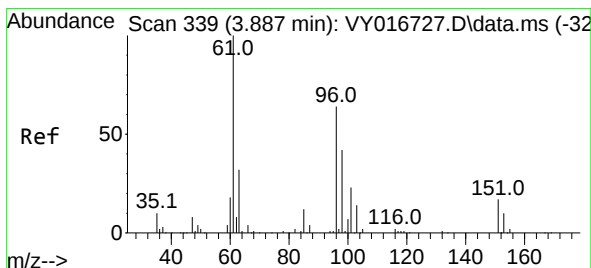
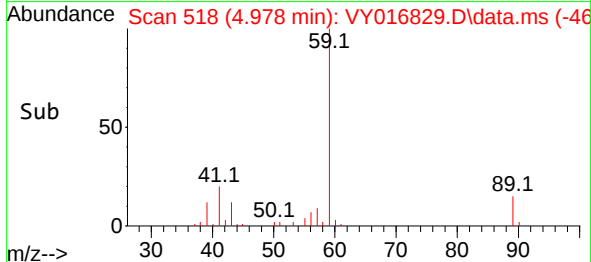
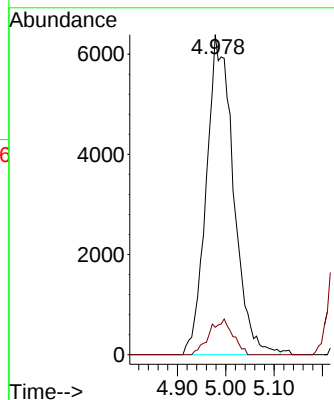
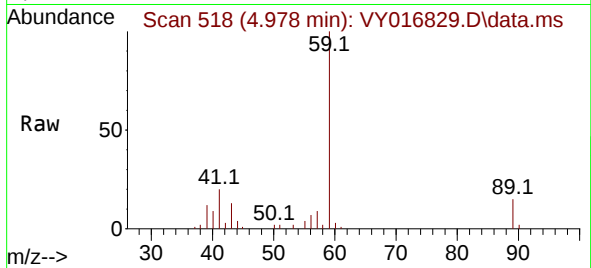
#11
Tert butyl alcohol
Concen: 242.232 ug/l
RT: 4.978 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 2488
Ion Ratio Lower Upper
59 100
57 9.6 7.4 11.0

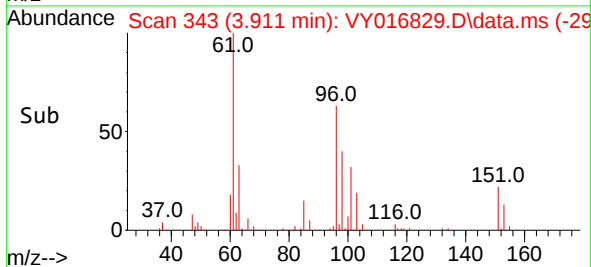
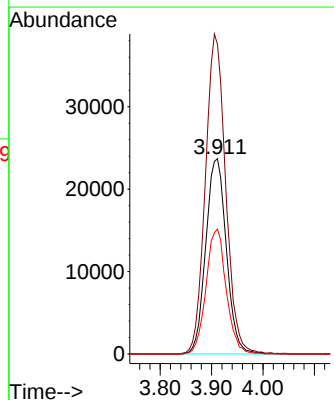
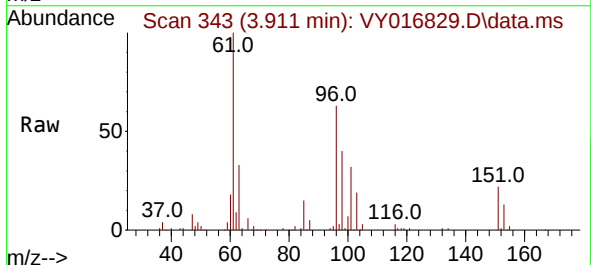
Manual Integrations
APPROVED

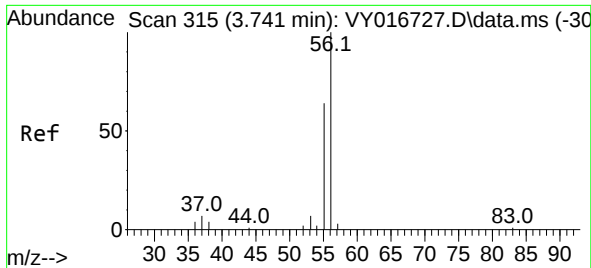
Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023



#12
1,1-Dichloroethene
Concen: 50.975 ug/l
RT: 3.911 min Scan# 343
Delta R.T. 0.024 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

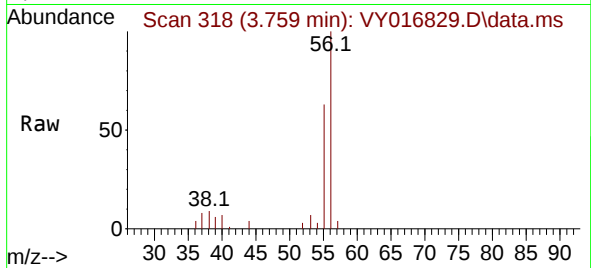
Tgt Ion: 96 Resp: 66040
Ion Ratio Lower Upper
96 100
61 158.5 124.2 186.2
98 64.0 52.6 79.0





#13
Acrolein
Concen: 221.132 ug/l
RT: 3.759 min Scan# 315
Delta R.T. 0.018 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

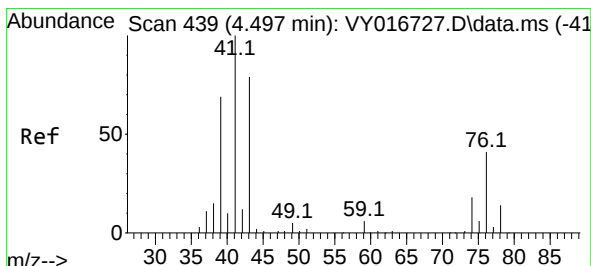
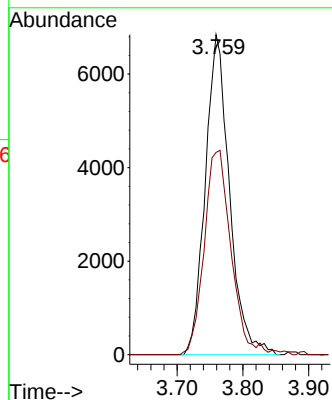
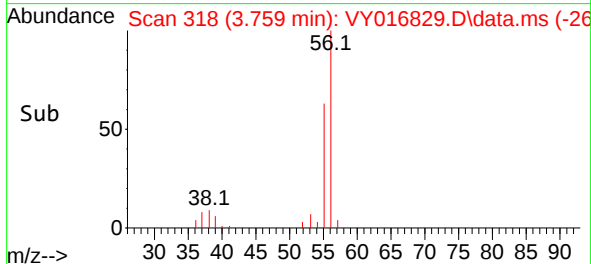
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



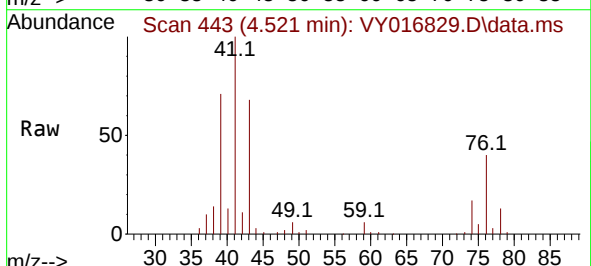
Tgt Ion: 56 Resp: 17529
Ion Ratio Lower Upper
56 100
55 70.3 55.4 83.0

Manual Integrations
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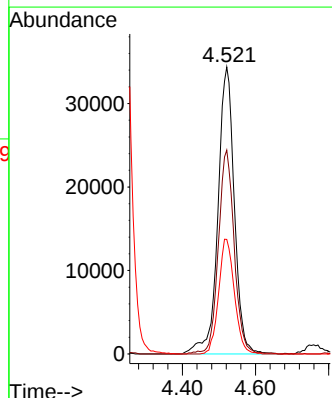
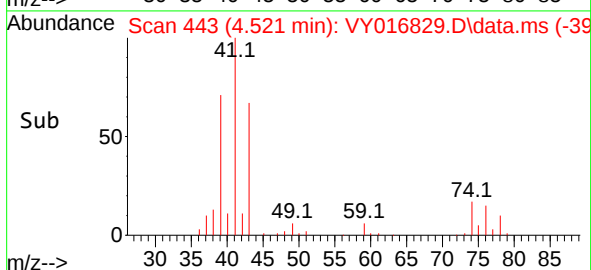
Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023

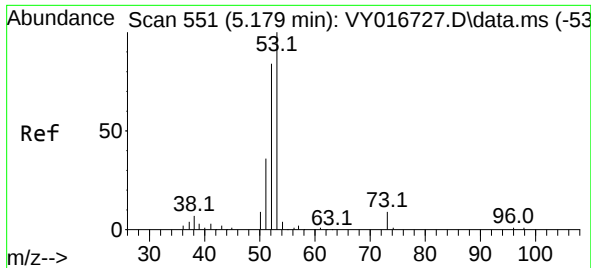


#14
Allyl chloride
Concen: 54.190 ug/l
RT: 4.521 min Scan# 443
Delta R.T. 0.024 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24



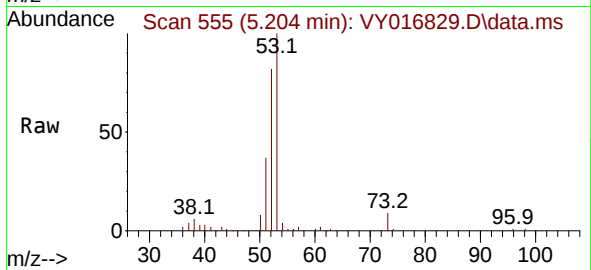
Tgt Ion: 41 Resp: 107529
Ion Ratio Lower Upper
41 100
39 68.6 54.7 82.1
76 38.3 31.8 47.6





#15
Acrylonitrile
Concen: 261.948 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

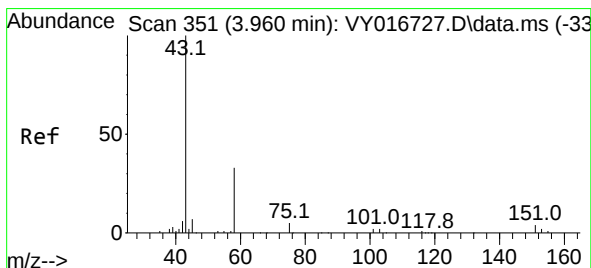
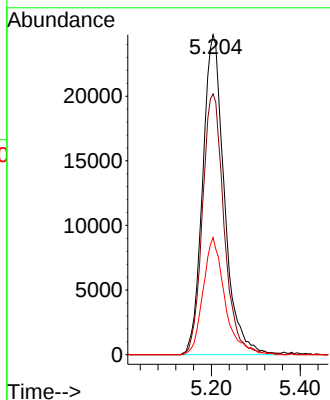
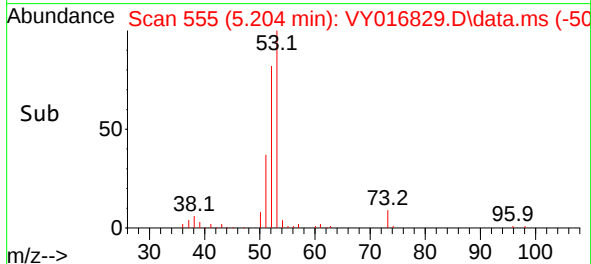
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 8417
Ion Ratio Lower Upper
53 100
52 81.0 65.1 97.7
51 36.7 29.0 43.4

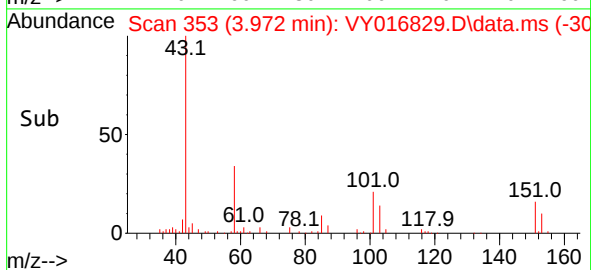
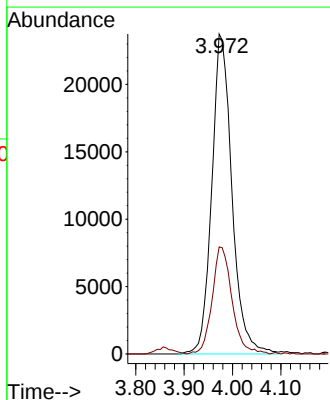
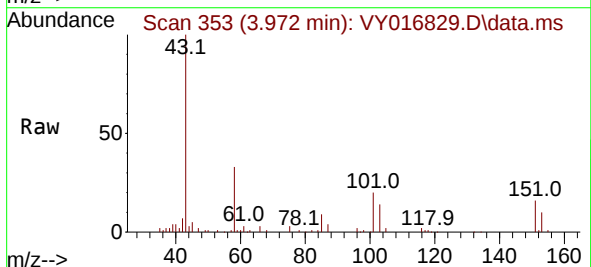
Manual Integrations
APPROVED

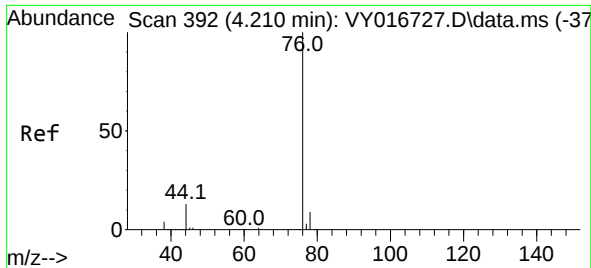
Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023



#16
Acetone
Concen: 203.225 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Tgt Ion: 43 Resp: 68845
Ion Ratio Lower Upper
43 100
58 33.2 26.6 39.8





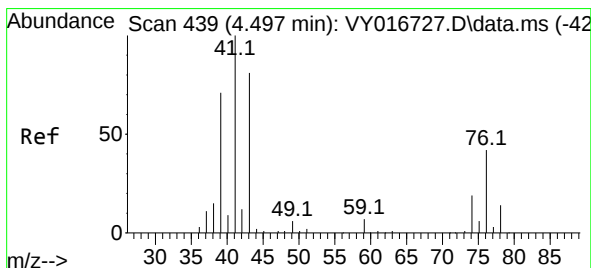
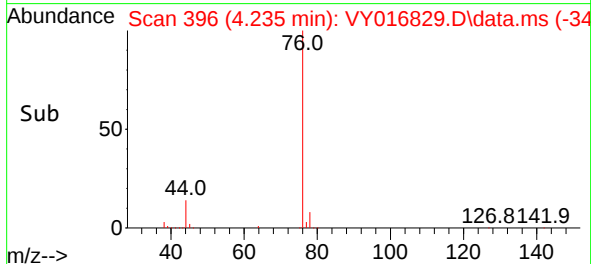
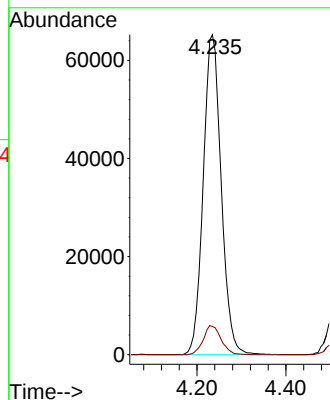
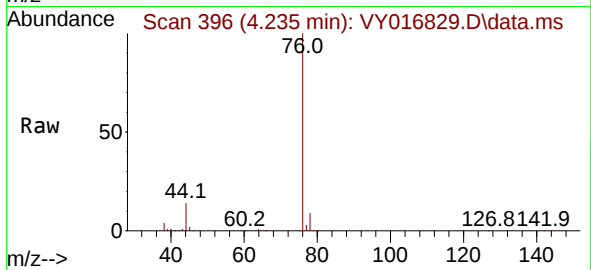
#17
Carbon Disulfide
Concen: 52.154 ug/l
RT: 4.235 min Scan# 396
Delta R.T. 0.025 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 18384
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

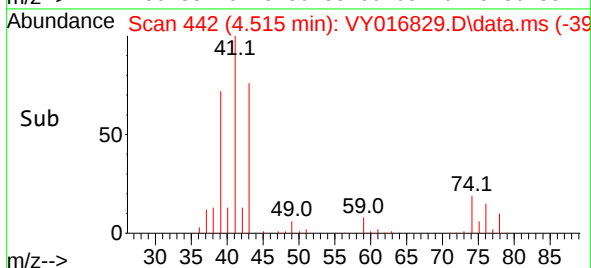
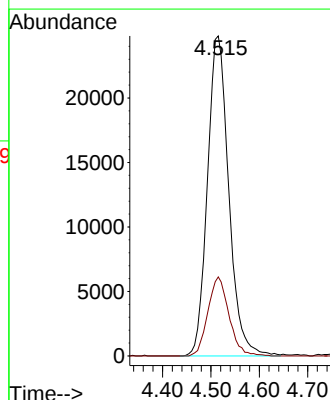
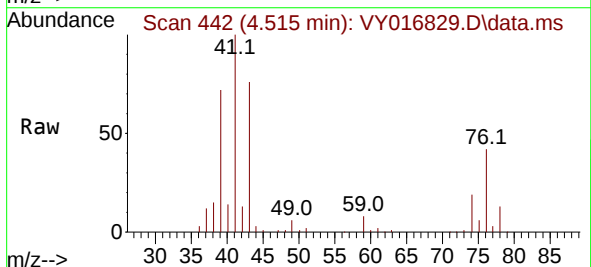
Manual Integrations
APPROVED

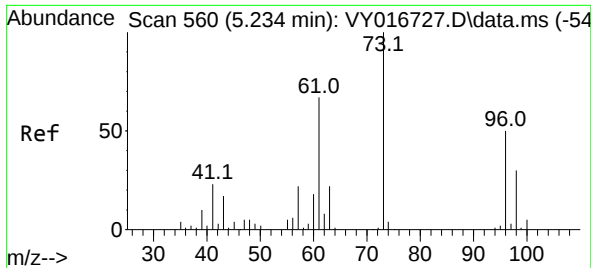
Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023



#18
Methyl Acetate
Concen: 57.440 ug/l
RT: 4.515 min Scan# 442
Delta R.T. 0.018 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

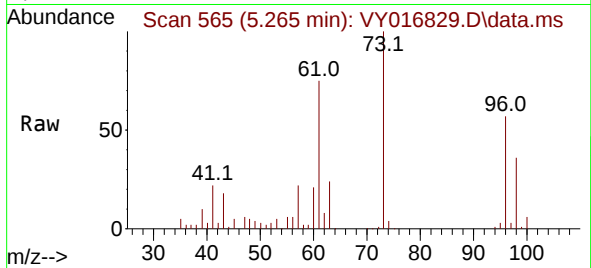
Tgt Ion: 43 Resp: 76043
Ion Ratio Lower Upper
43 100
74 24.4 19.8 29.6





#19
Methyl tert-butyl Ether
Concen: 49.288 ug/l
RT: 5.265 min Scan# 50
Delta R.T. 0.031 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

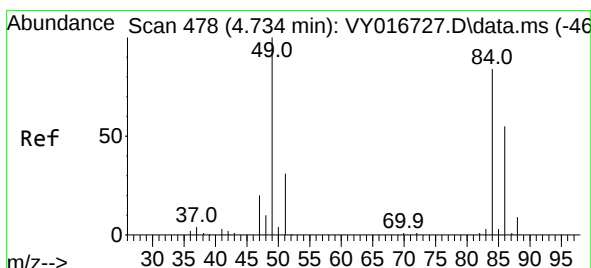
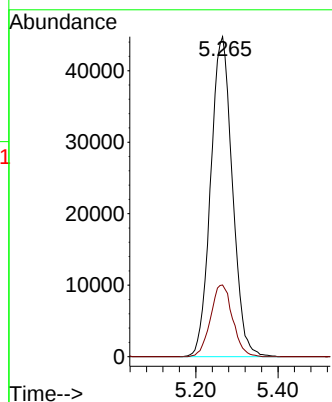
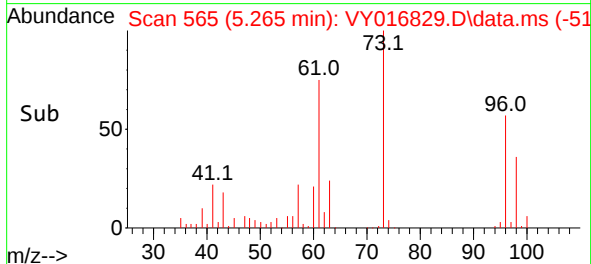
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



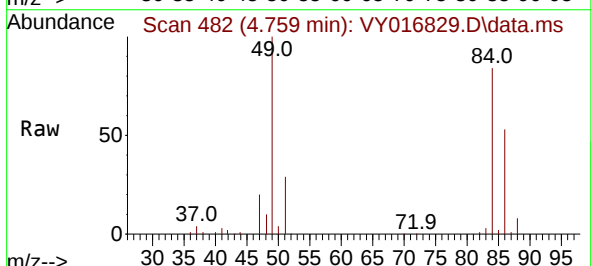
Tgt Ion: 73 Resp: 164298
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5

Manual Integrations
APPROVED

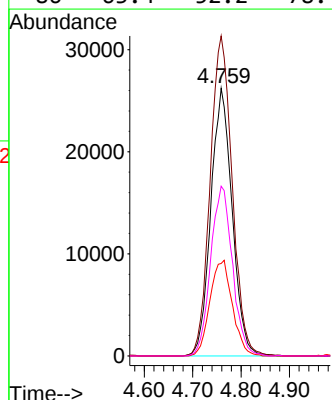
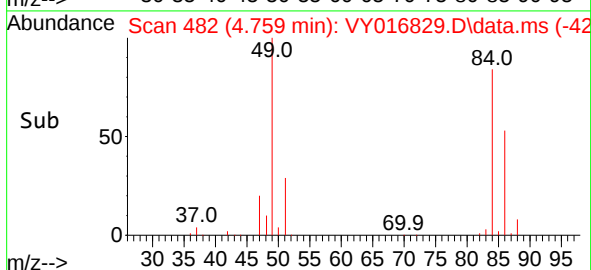
Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023

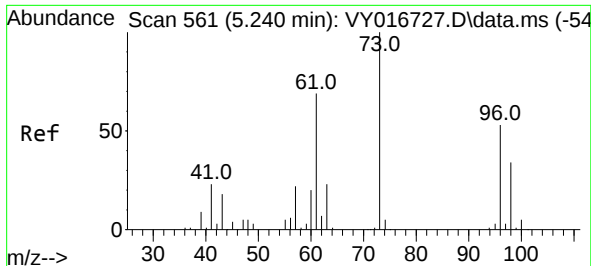


#20
Methylene Chloride
Concen: 46.883 ug/l
RT: 4.759 min Scan# 482
Delta R.T. 0.025 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24



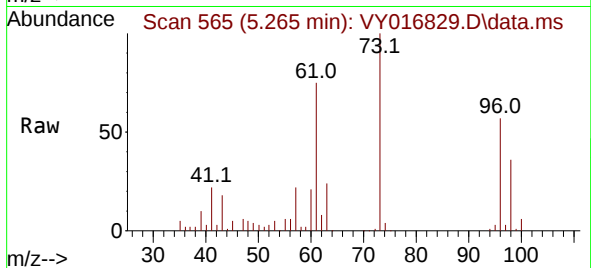
Tgt Ion: 84 Resp: 80430
Ion Ratio Lower Upper
84 100
49 119.6 95.2 142.8
51 34.6 29.9 44.9
86 63.4 52.2 78.4





#21
trans-1,2-Dichloroethene
Concen: 52.584 ug/l
RT: 5.265 min Scan# 508
Delta R.T. 0.024 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

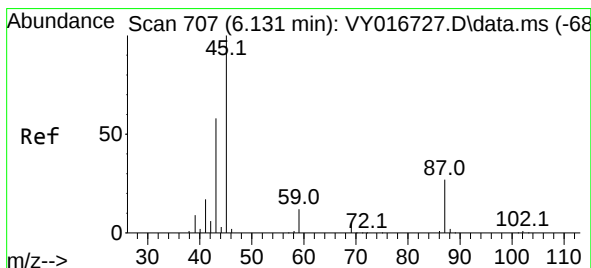
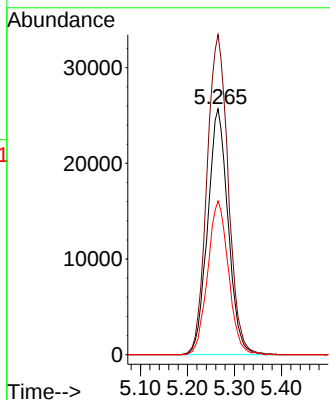
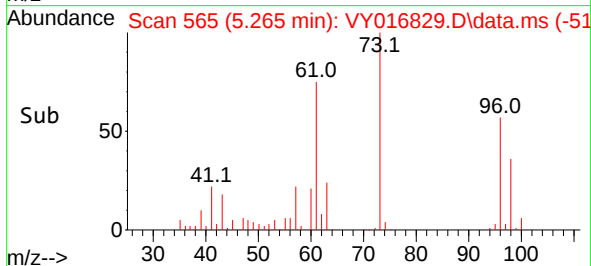
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



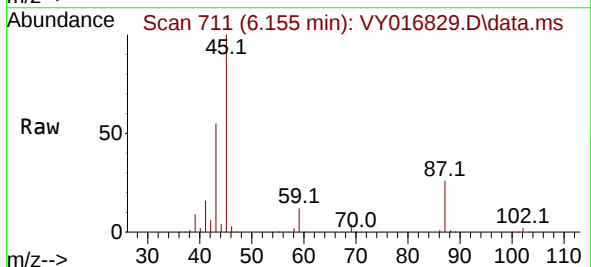
Tgt Ion: 96 Resp: 7769
Ion Ratio Lower Upper
96 100
61 130.2 104.6 156.8
98 62.6 50.9 76.3

Manual Integrations
APPROVED

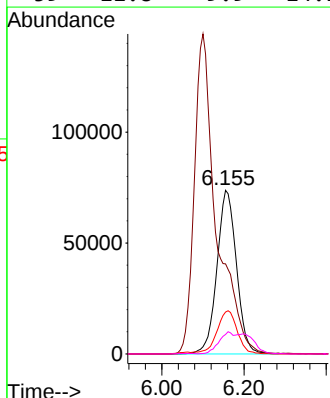
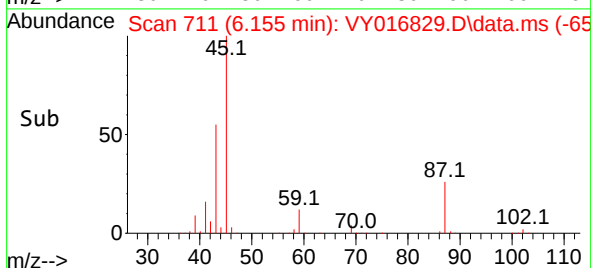
Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023

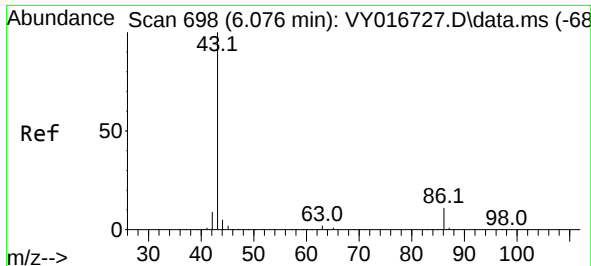


#22
Diisopropyl ether
Concen: 54.272 ug/l
RT: 6.155 min Scan# 711
Delta R.T. 0.024 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24



Tgt Ion: 45 Resp: 243642
Ion Ratio Lower Upper
45 100
43 54.5 46.8 70.2
87 25.6 22.2 33.2
59 11.8 9.9 14.9





#23

Vinyl Acetate

Concen: 252.125 ug/l

RT: 6.100 min Scan# 702

Delta R.T. 0.024 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 535319

Ion Ratio Lower Upper

43 100

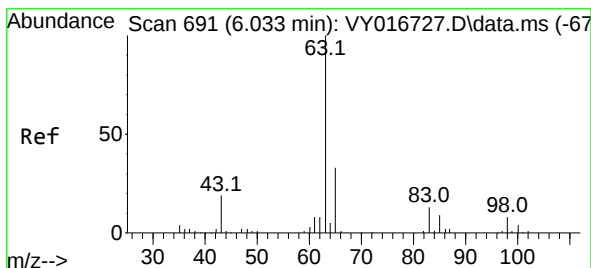
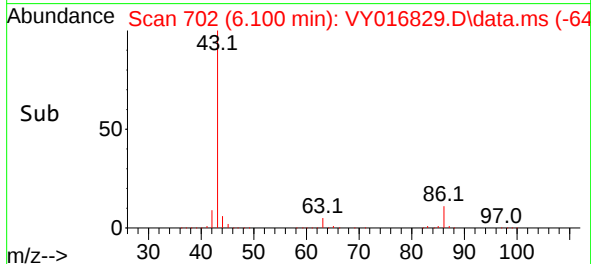
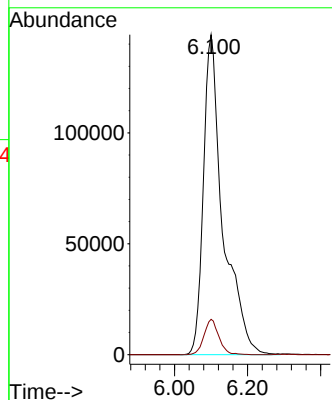
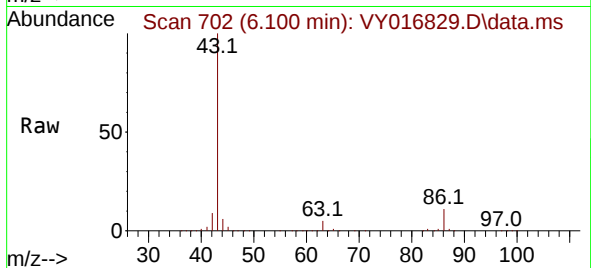
86 11.1 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/26/2023

Supervised By :Semsettin Yesilyurt 12/26/2023



#24

1,1-Dichloroethane

Concen: 53.270 ug/l

RT: 6.064 min Scan# 696

Delta R.T. 0.031 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

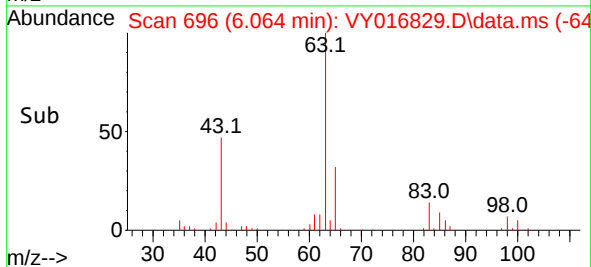
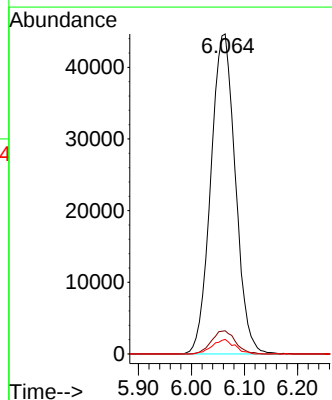
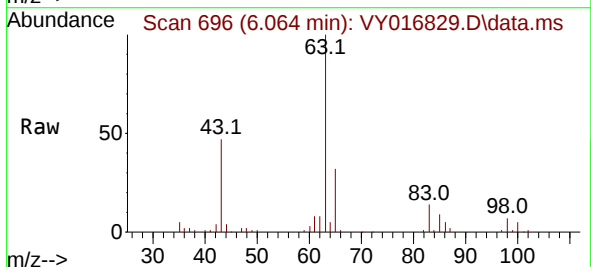
Tgt Ion: 63 Resp: 143655

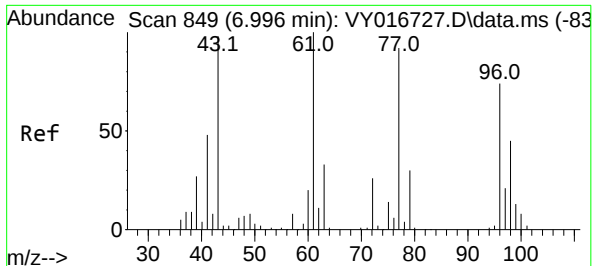
Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

100 4.6 2.1 6.2





#25

2-Butanone

Concen: 232.367 ug/l

RT: 7.021 min Scan# 853

Delta R.T. 0.025 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 108379

Ion Ratio Lower Upper

43 100

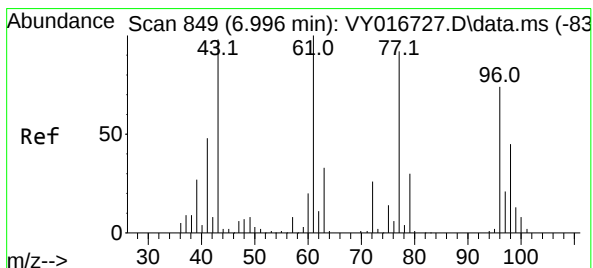
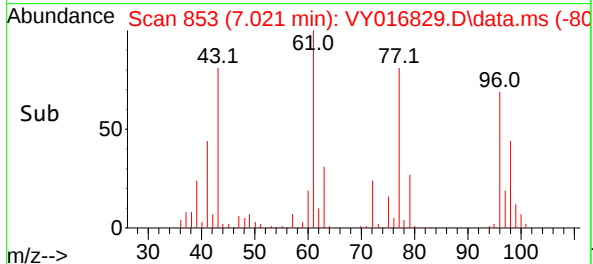
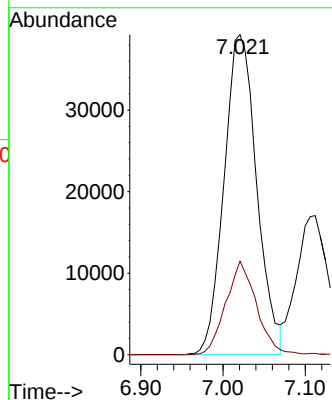
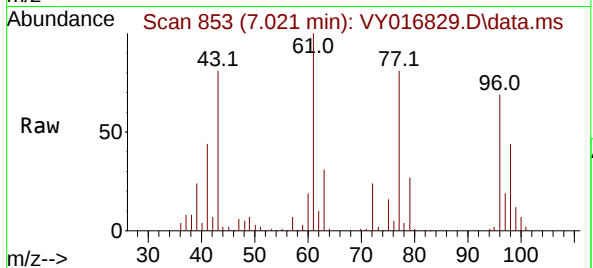
72 29.2 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/26/2023

Supervised By :Semsettin Yesilyurt 12/26/2023



#26

2,2-Dichloropropane

Concen: 50.295 ug/l

RT: 7.021 min Scan# 853

Delta R.T. 0.024 min

Lab File: VY016829.D

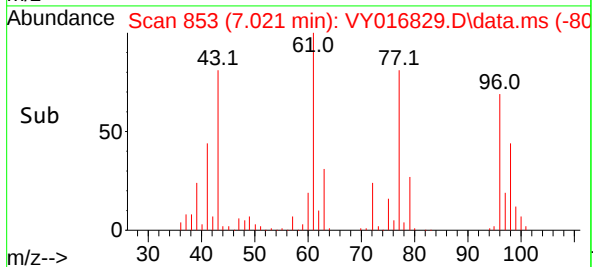
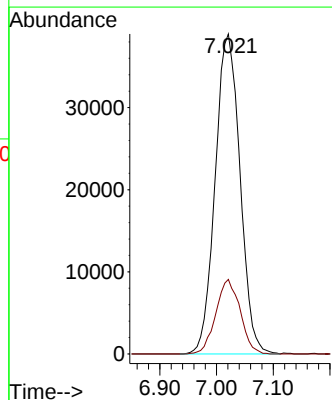
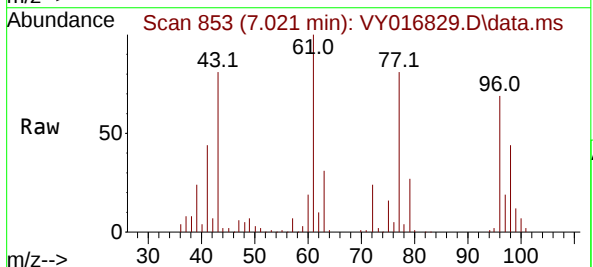
Acq: 22 Dec 2023 23:24

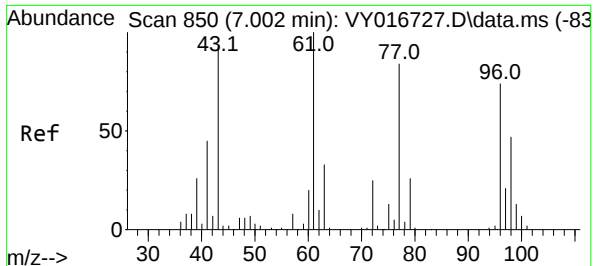
Tgt Ion: 77 Resp: 118360

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 52.513 ug/l

RT: 7.021 min Scan# 853

Delta R.T. 0.018 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

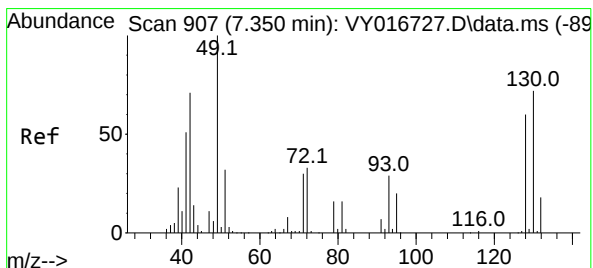
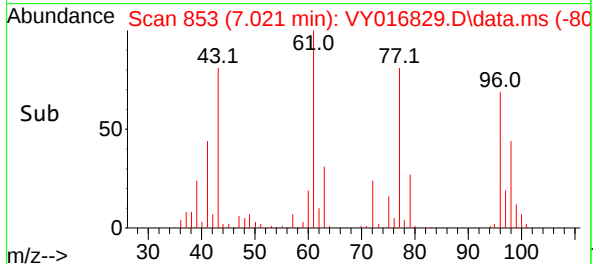
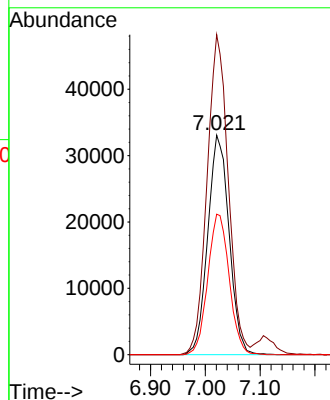
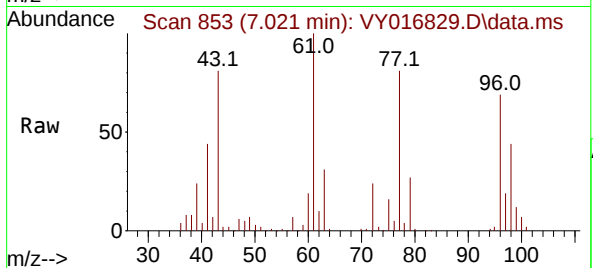
Tgt Ion: 96 Resp: 89298

Ion	Ratio	Lower	Upper
96	100		
61	144.9	0.0	278.8
98	64.3	0.0	127.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023



#28

Bromochloromethane

Concen: 56.020 ug/l

RT: 7.368 min Scan# 910

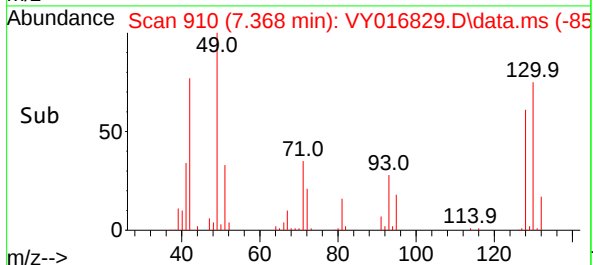
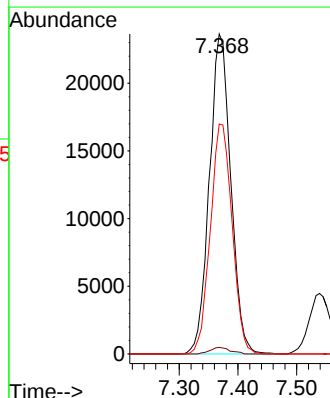
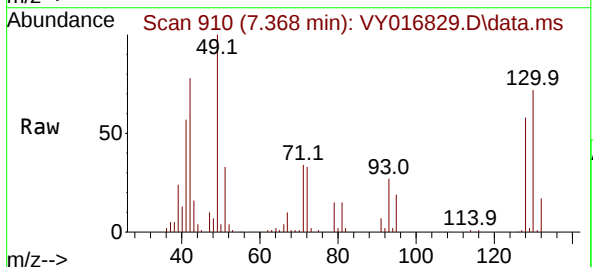
Delta R.T. 0.018 min

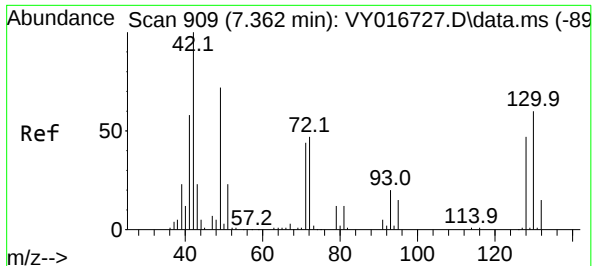
Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Tgt Ion: 49 Resp: 59794

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	73.1	59.8	89.8





#29

Tetrahydrofuran

Concen: 269.961 ug/l

RT: 7.386 min Scan# 911

Delta R.T. 0.024 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

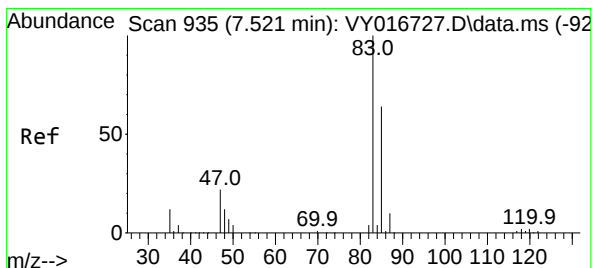
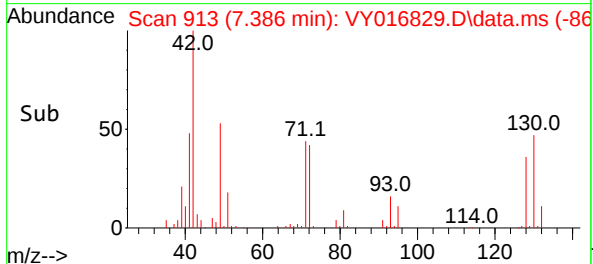
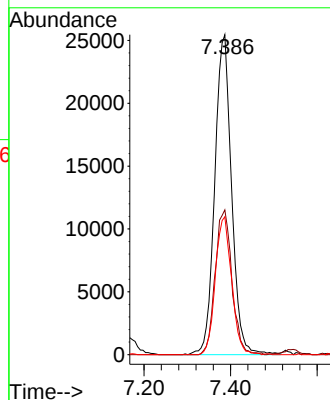
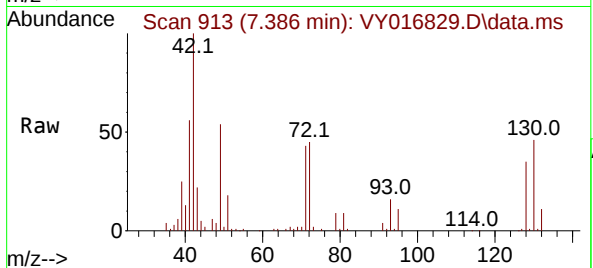
VSTDCCC050EC

Tgt Ion: 42 Resp: 68849
 Ion Ratio Lower Upper
 42 100
 72 45.1 36.6 54.8
 71 41.7 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/26/2023
 Supervised By :Semsettin Yesilyurt 12/26/2023



#30

Chloroform

Concen: 52.643 ug/l

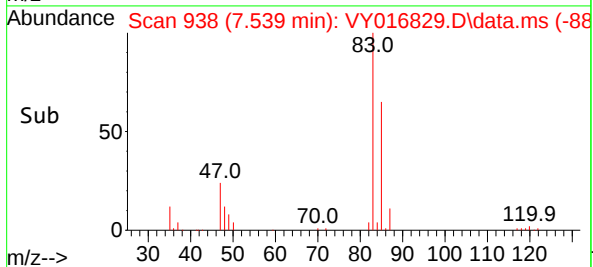
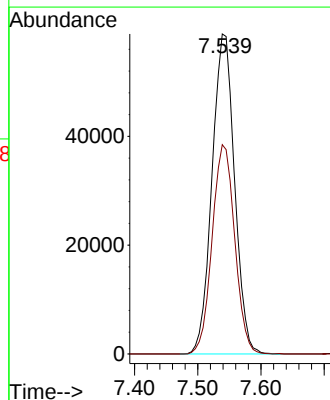
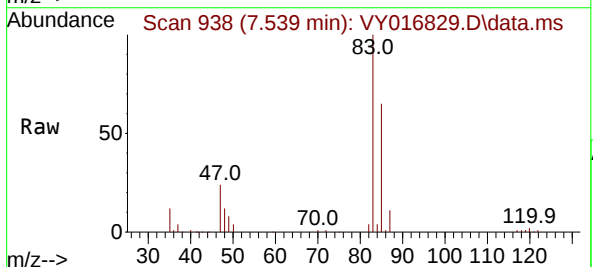
RT: 7.539 min Scan# 938

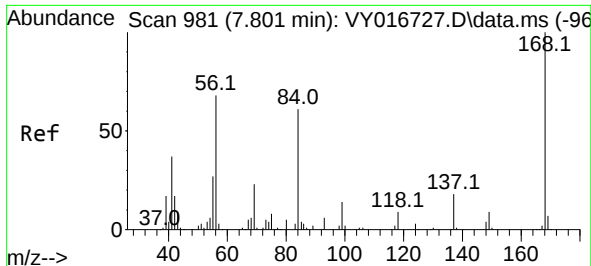
Delta R.T. 0.018 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

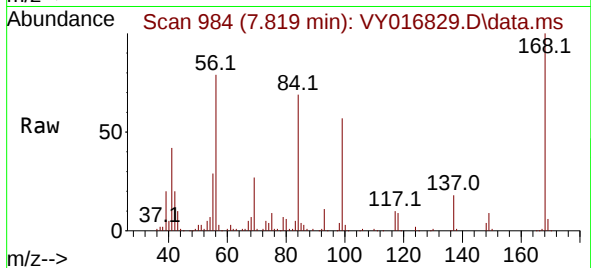
Tgt Ion: 83 Resp: 145331
 Ion Ratio Lower Upper
 83 100
 85 65.4 51.2 76.8





#31
Cyclohexane
Concen: 49.643 ug/l
RT: 7.819 min Scan# 981
Delta R.T. 0.018 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

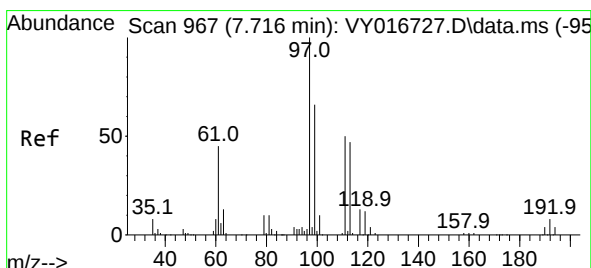
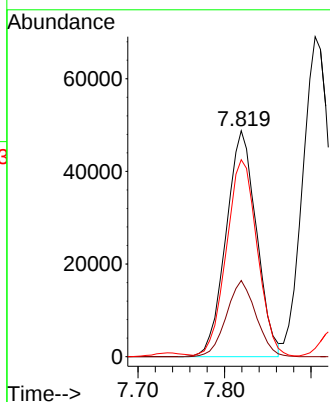
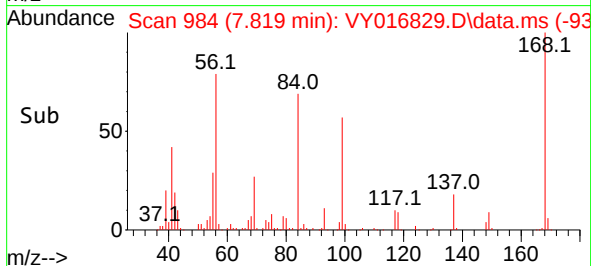
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 119150
Ion Ratio Lower Upper
56 100
69 33.7 27.0 40.6
84 85.9 71.8 107.6

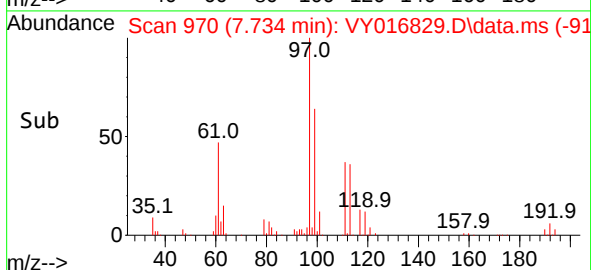
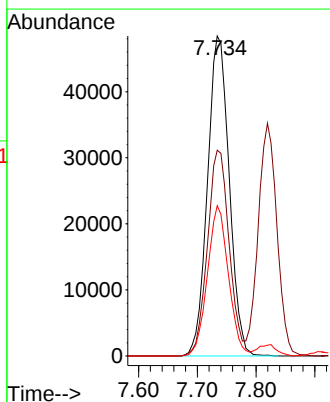
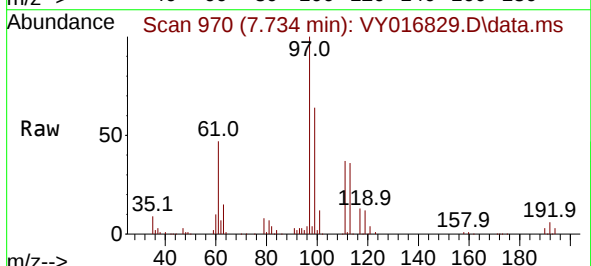
Manual Integrations
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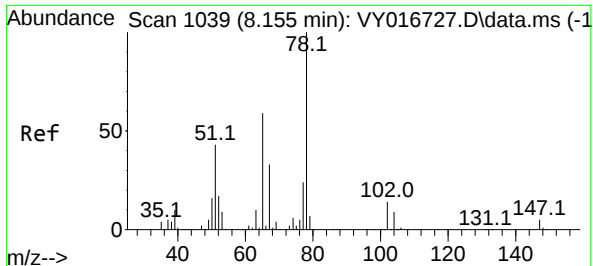
Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023



#32
1,1,1-Trichloroethane
Concen: 51.333 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.018 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Tgt Ion: 97 Resp: 124395
Ion Ratio Lower Upper
97 100
99 63.9 51.2 76.8
61 45.4 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 51.584 ug/l

RT: 8.173 min Scan# 1103

Delta R.T. 0.018 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 6462

Ion Ratio Lower Upper

65 100

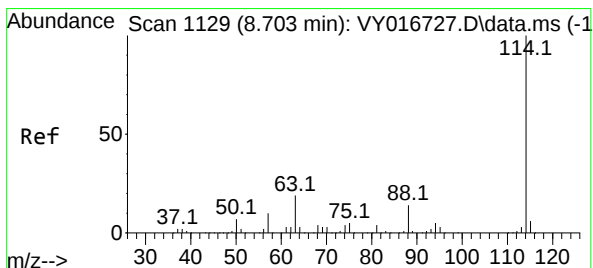
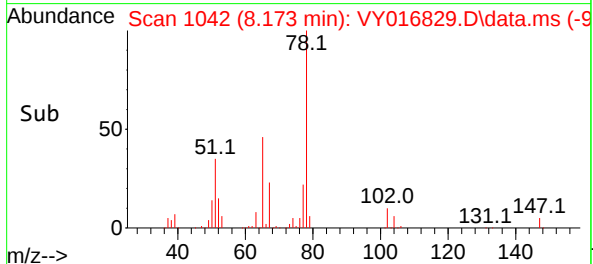
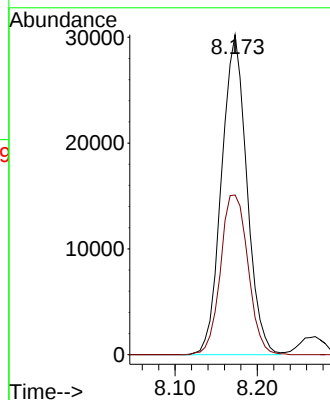
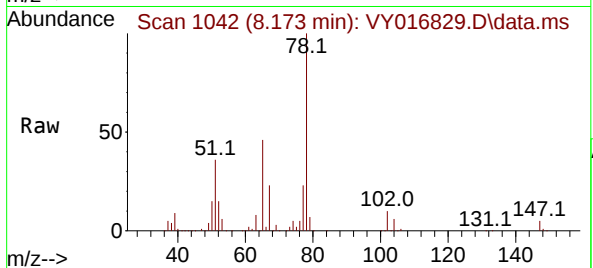
67 54.2 0.0 109.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/26/2023

Supervised By :Semsettin Yesilyurt 12/26/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.715 min Scan# 1131

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

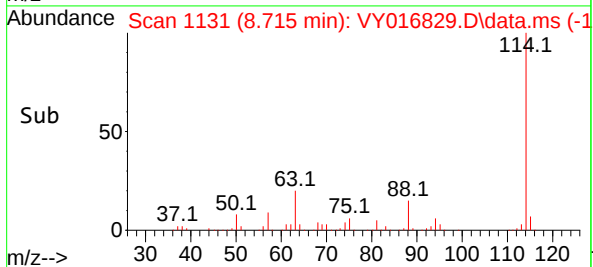
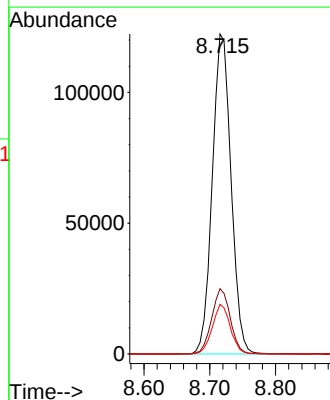
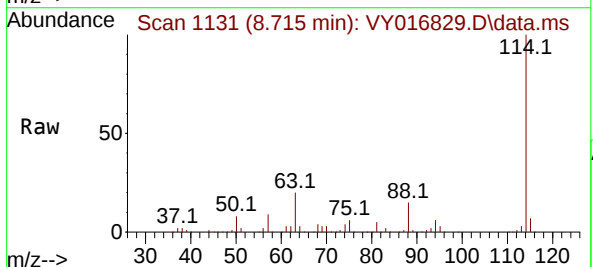
Tgt Ion:114 Resp: 242644

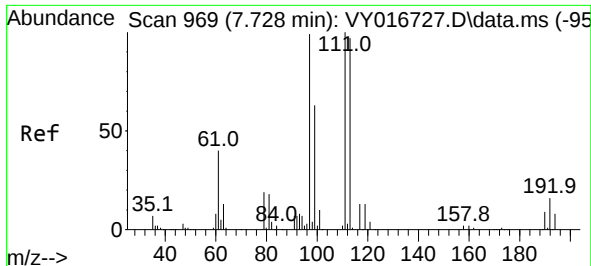
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

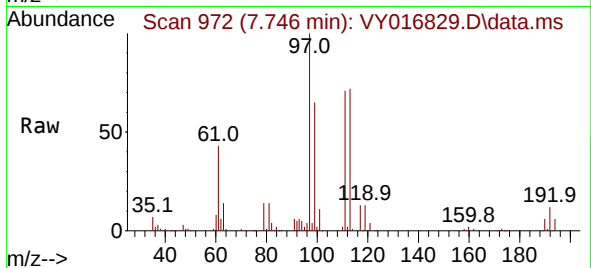
88 15.5 0.0 29.0





#35
Dibromofluoromethane
Concen: 49.292 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

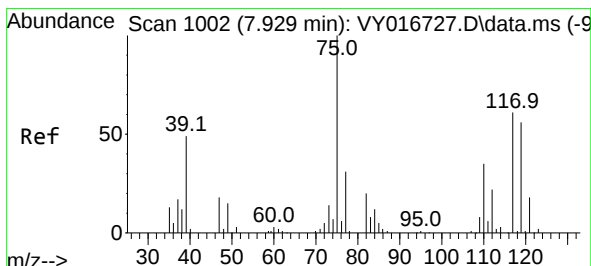
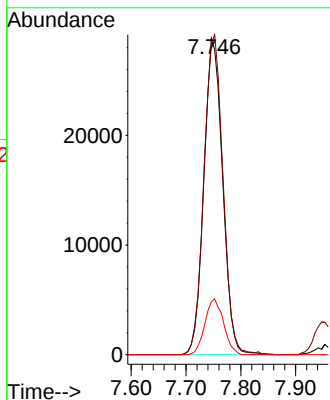
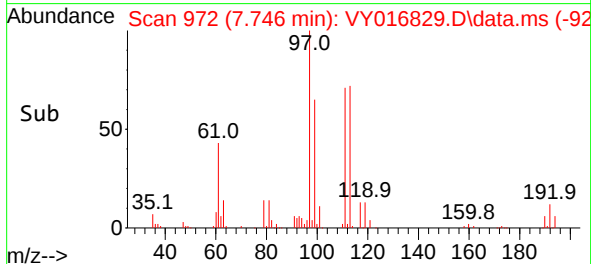
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



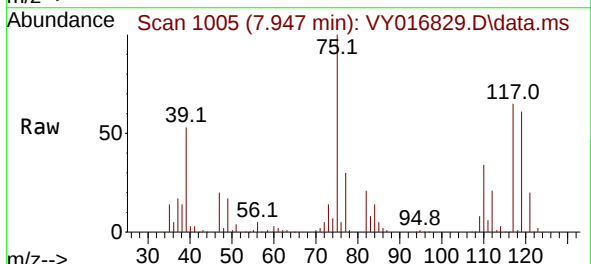
Tgt Ion:113 Resp: 68512
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.6
192 17.5 14.5 21.7

Manual Integrations
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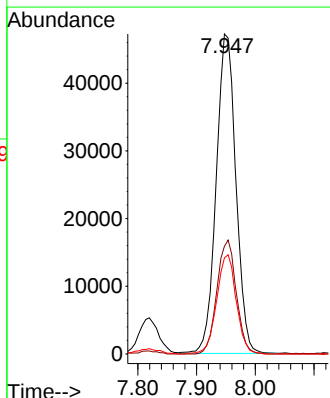
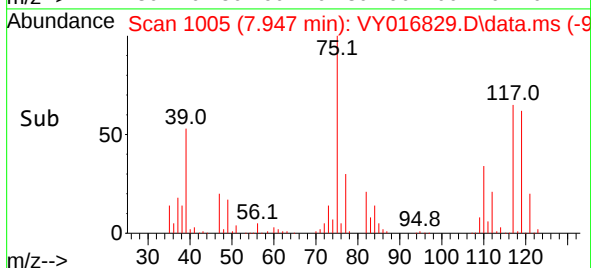
Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023

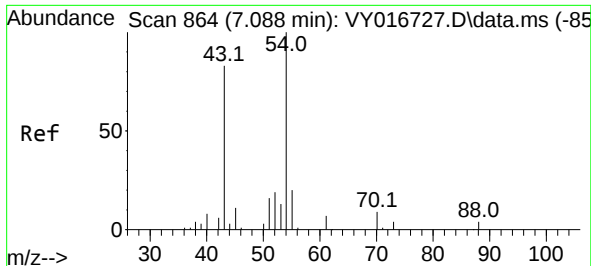


#36
1,1-Dichloropropene
Concen: 49.287 ug/l
RT: 7.947 min Scan# 1005
Delta R.T. 0.018 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24



Tgt Ion: 75 Resp: 109825
Ion Ratio Lower Upper
75 100
110 35.0 17.4 52.3
77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 49.821 ug/l

RT: 7.112 min Scan# 80

Delta R.T. 0.024 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

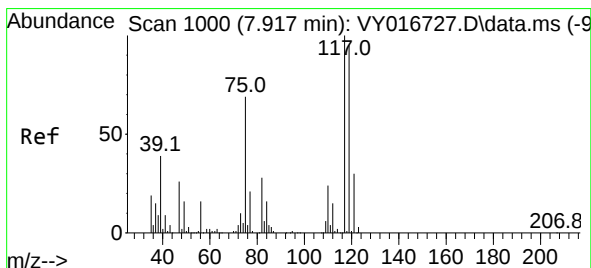
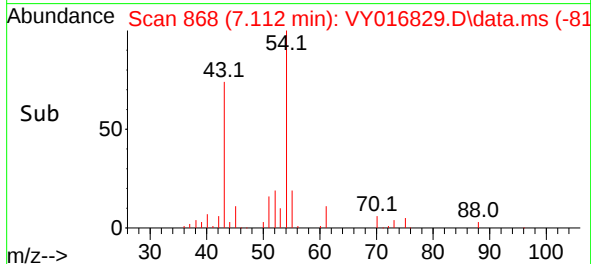
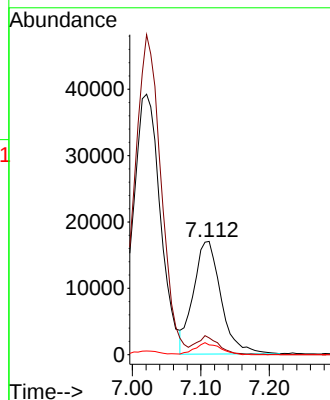
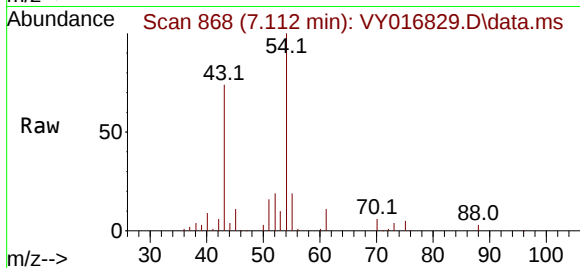
Tgt Ion: 43 Resp: 47584

Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.0	16.6
70	9.4	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023



#38

Carbon Tetrachloride

Concen: 48.254 ug/l

RT: 7.935 min Scan# 1003

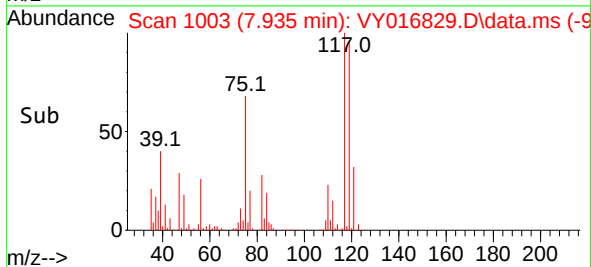
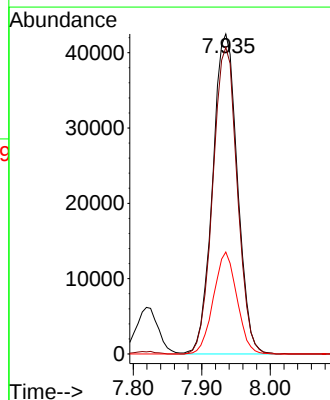
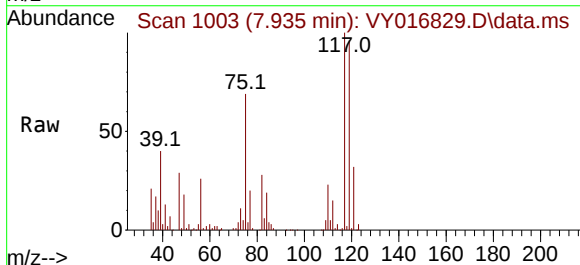
Delta R.T. 0.018 min

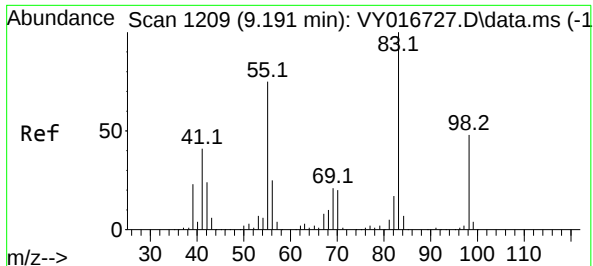
Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Tgt Ion:117 Resp: 106398

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.0	114.0
121	31.9	24.2	36.2





#39

Methylcyclohexane

Concen: 50.038 ug/l

RT: 9.209 min Scan# 1

Delta R.T. 0.018 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

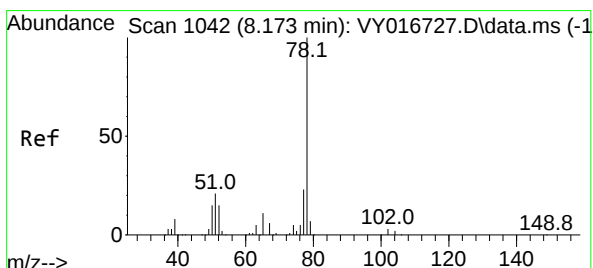
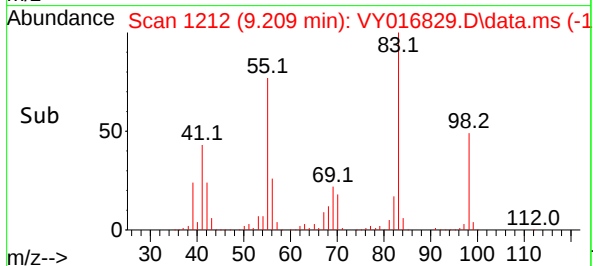
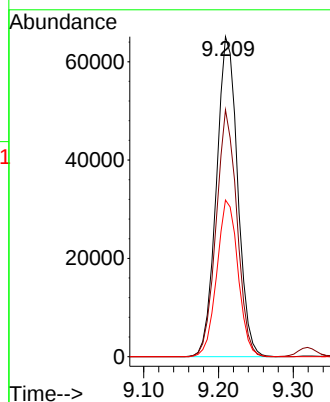
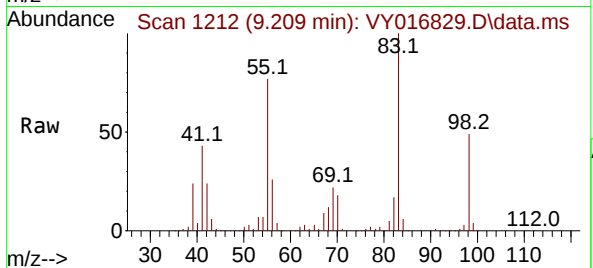
VSTDCCC050EC

Tgt Ion: 83 Resp: 128733
 Ion Ratio Lower Upper
 83 100
 55 77.2 59.7 89.5
 98 48.9 38.0 57.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/26/2023
 Supervised By :Semsettin Yesilyurt 12/26/2023



#40

Benzene

Concen: 50.949 ug/l

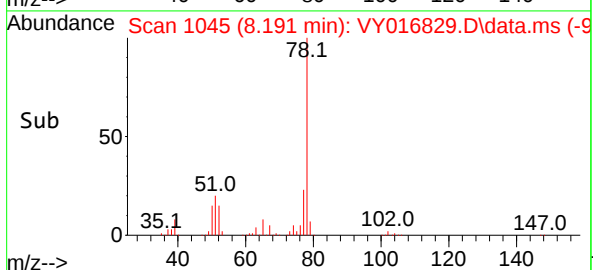
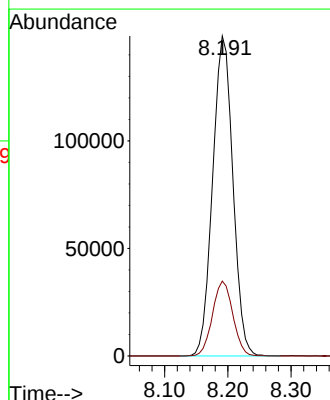
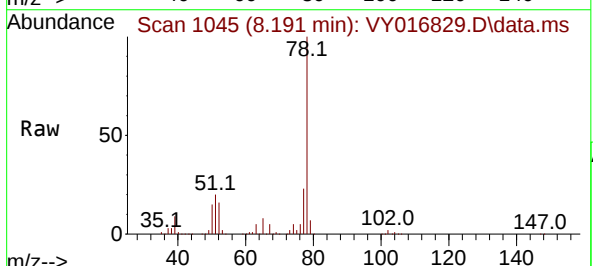
RT: 8.191 min Scan# 1045

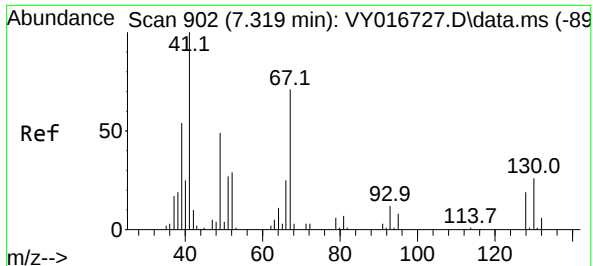
Delta R.T. 0.018 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Tgt Ion: 78 Resp: 330373
 Ion Ratio Lower Upper
 78 100
 77 23.4 18.8 28.2





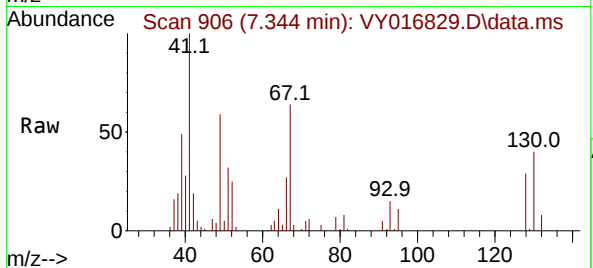
#41
Methacrylonitrile
Concen: 52.988 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.024 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

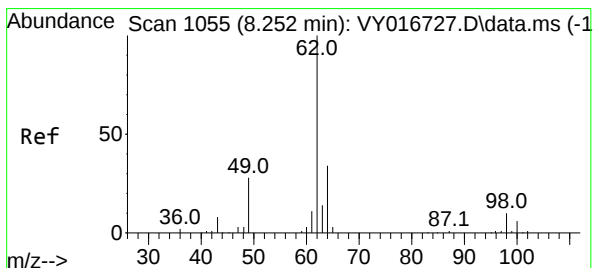
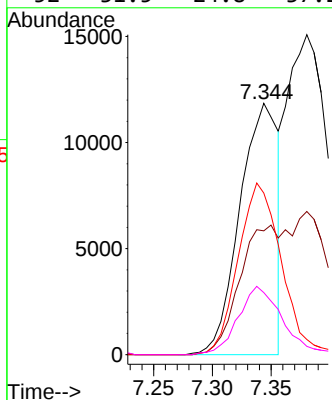
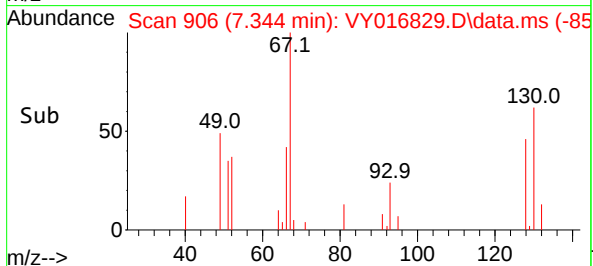


Tgt Ion: 41 Resp: 26870
Ion Ratio Lower Upper
41 100
39 52.4 41.9 62.9
67 77.7 59.8 89.6
52 31.5 24.8 37.2

Manual Integrations

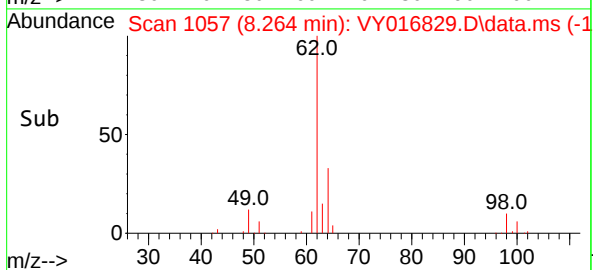
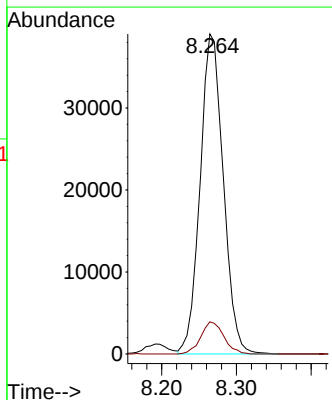
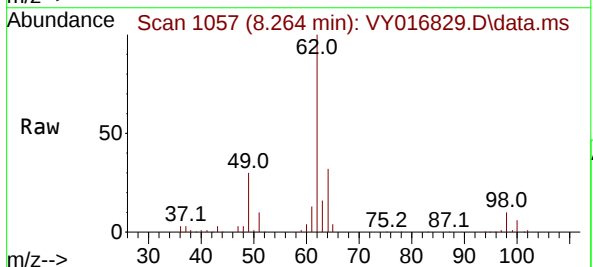
APPROVED

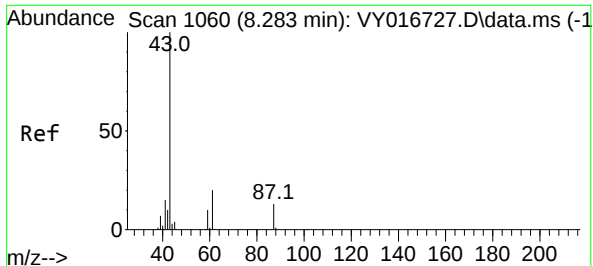
Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023



#42
1,2-Dichloroethane
Concen: 49.697 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Tgt Ion: 62 Resp: 84073
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.2





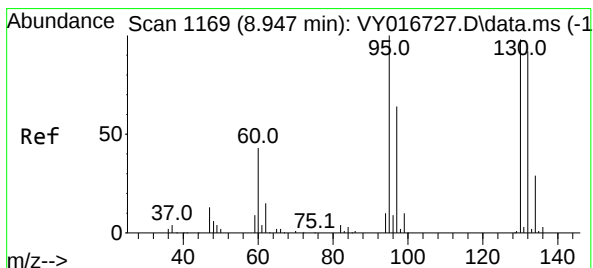
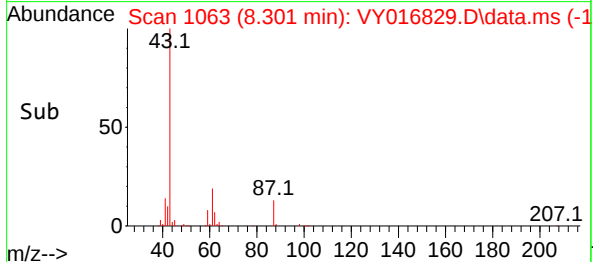
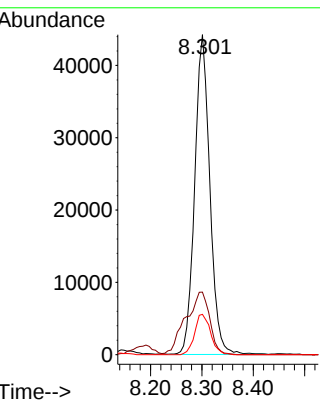
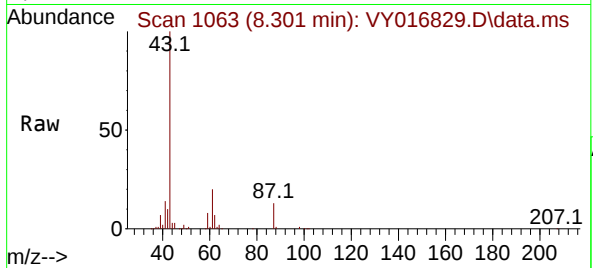
#43
Isopropyl Acetate
Concen: 48.758 ug/l
RT: 8.301 min Scan# 1107
Delta R.T. 0.018 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 90440
Ion Ratio Lower Upper
43 100
61 31.0 24.8 37.2
87 13.3 10.7 16.1

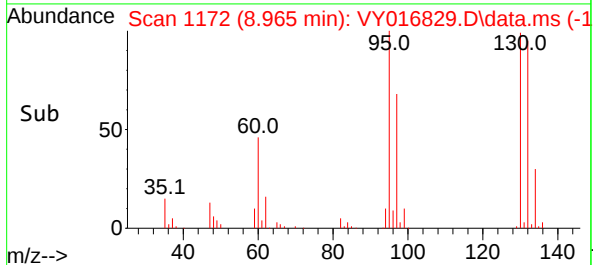
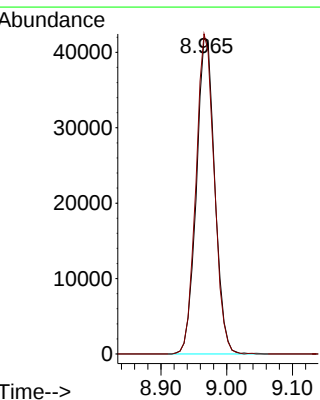
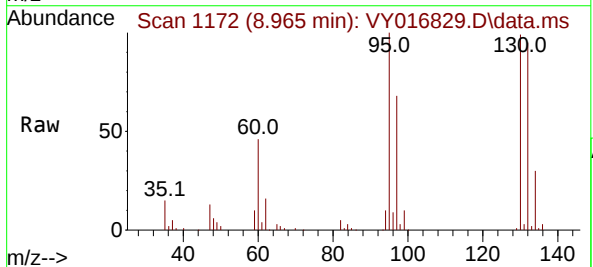
Manual Integrations
APPROVED

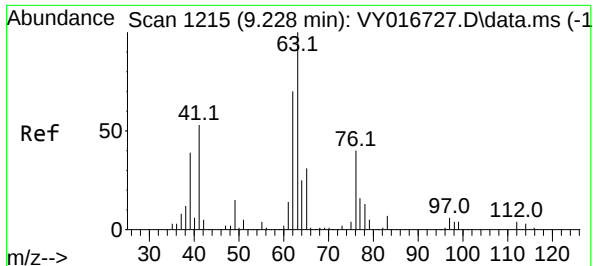
Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023



#44
Trichloroethene
Concen: 49.407 ug/l
RT: 8.965 min Scan# 1172
Delta R.T. 0.018 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Tgt Ion:130 Resp: 81770
Ion Ratio Lower Upper
130 100
95 101.3 0.0 203.8





#45

1,2-Dichloropropane

Concen: 50.889 ug/l

RT: 9.240 min Scan# 1217

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 82775

Ion Ratio Lower Upper

63 100

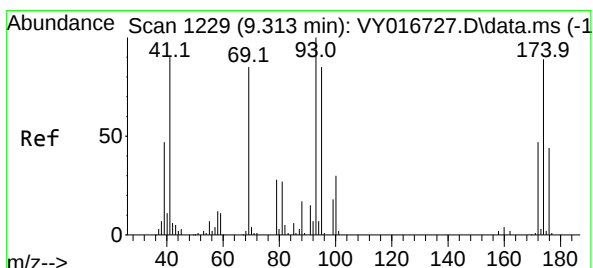
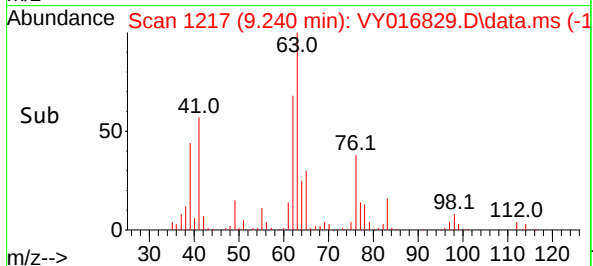
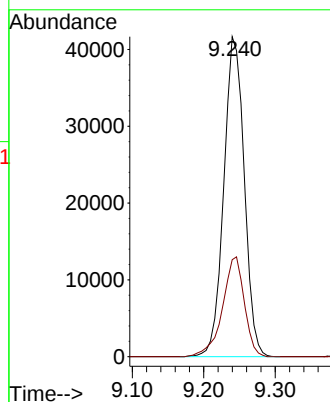
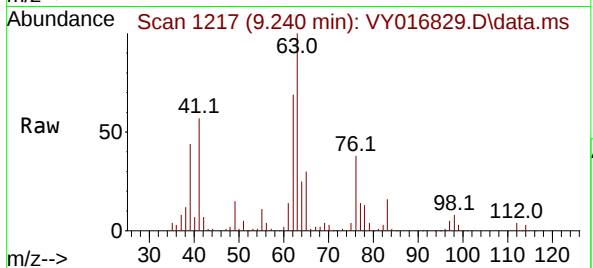
65 30.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/26/2023

Supervised By :Semsettin Yesilyurt 12/26/2023



#46

Dibromomethane

Concen: 48.745 ug/l

RT: 9.331 min Scan# 1232

Delta R.T. 0.018 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

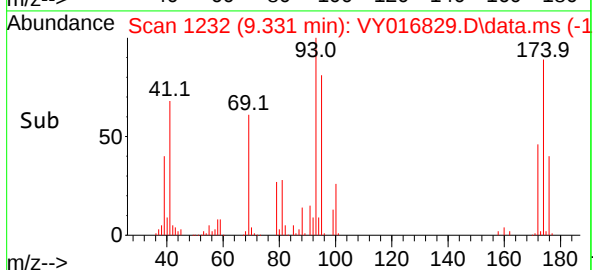
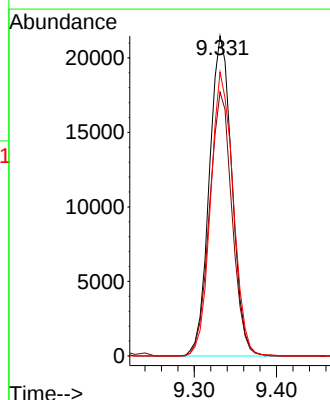
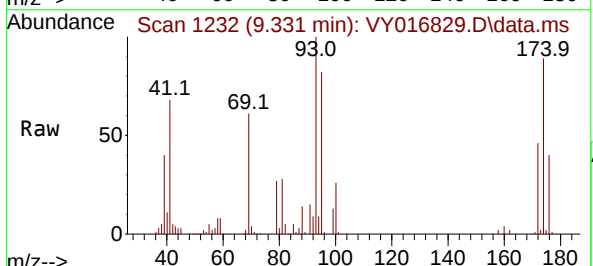
Tgt Ion: 93 Resp: 40960

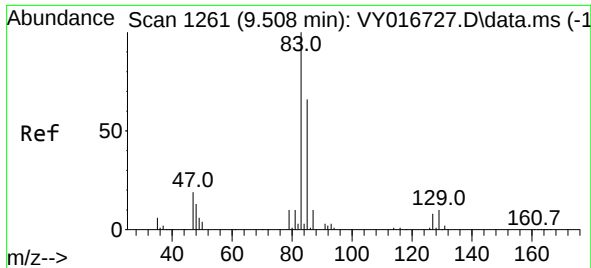
Ion Ratio Lower Upper

93 100

95 82.1 66.6 99.8

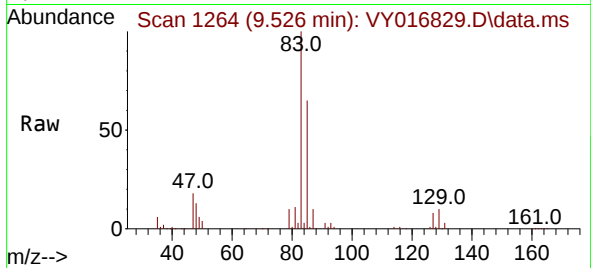
174 88.5 73.8 110.6





#47
Bromodichloromethane
Concen: 49.446 ug/l
RT: 9.526 min Scan# 1261
Delta R.T. 0.018 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

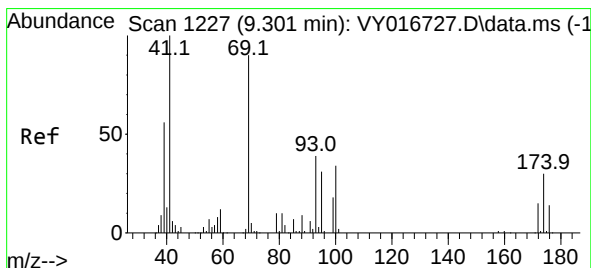
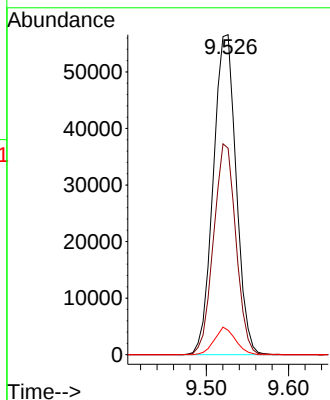
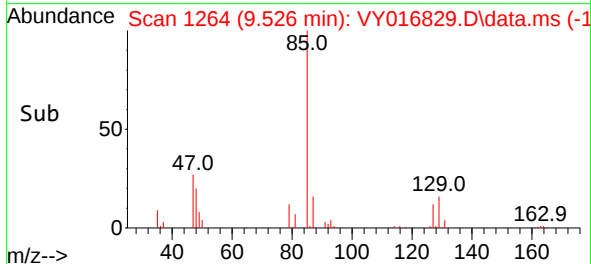
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



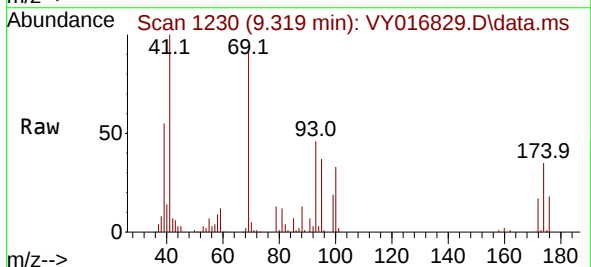
Tgt Ion: 83 Resp: 109510
Ion Ratio Lower Upper
83 100
85 64.5 53.2 79.8
127 7.7 6.4 9.6

Manual Integrations
APPROVED

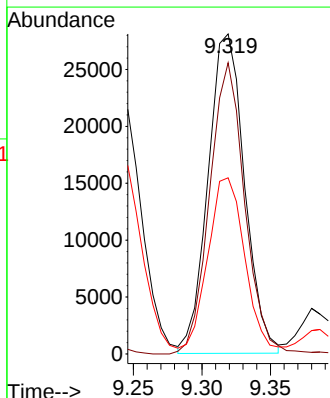
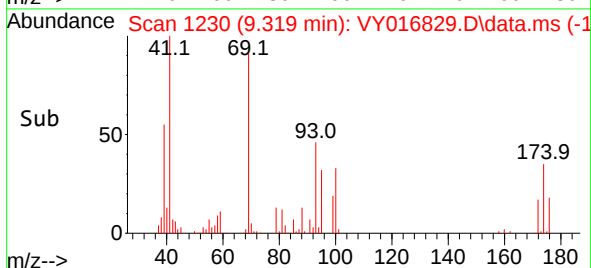
Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023

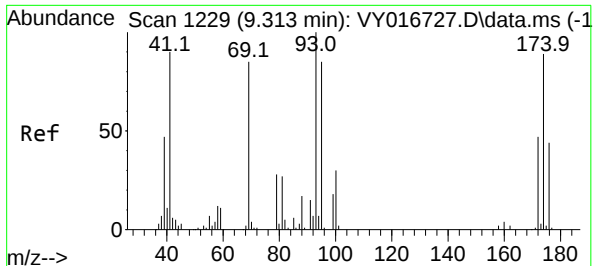


#48
Methyl methacrylate
Concen: 50.473 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.018 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24



Tgt Ion: 41 Resp: 52035
Ion Ratio Lower Upper
41 100
69 88.1 72.1 108.1
39 53.0 42.8 64.2





#49

1,4-Dioxane

Concen: 1063.538 ug/l

RT: 9.325 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 8674

Ion Ratio Lower Upper

88 100

43 34.7 28.2 42.4

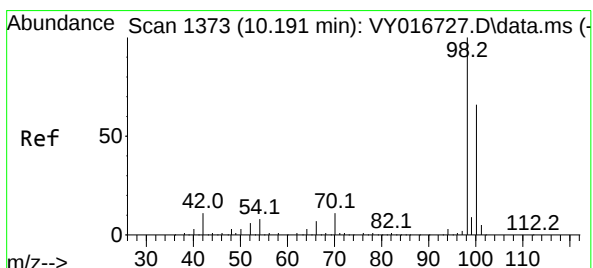
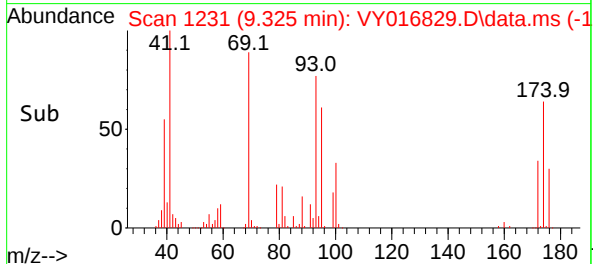
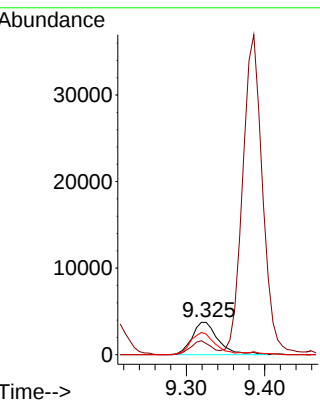
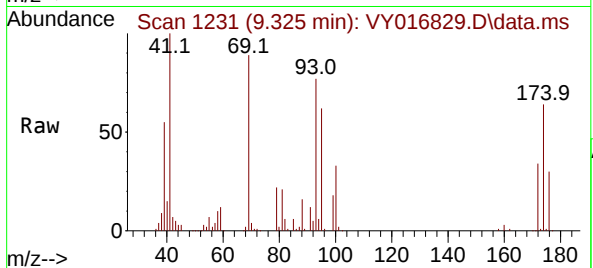
58 64.9 52.2 78.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/26/2023

Supervised By :Semsettin Yesilyurt 12/26/2023



#50

Toluene-d8

Concen: 50.325 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY016829.D

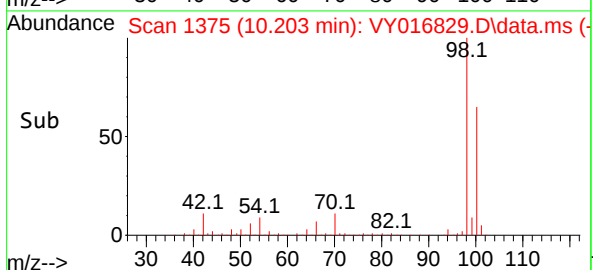
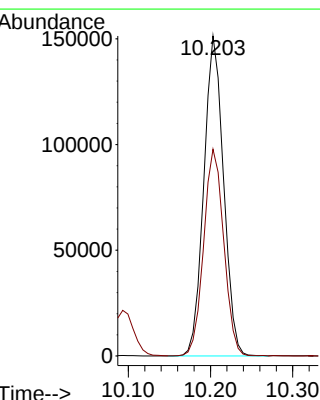
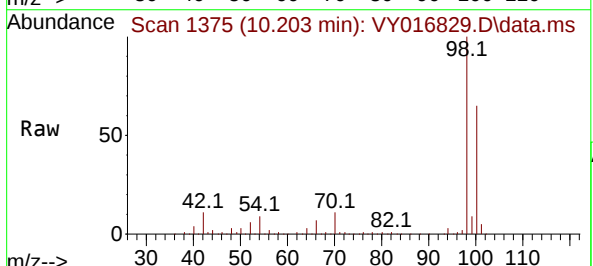
Acq: 22 Dec 2023 23:24

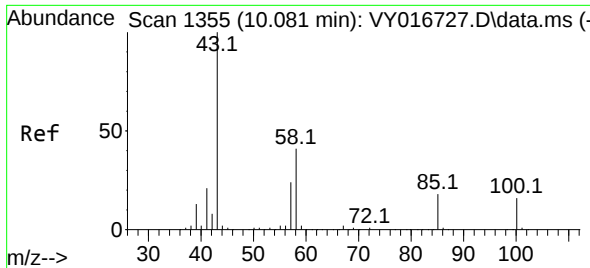
Tgt Ion: 98 Resp: 252156

Ion Ratio Lower Upper

98 100

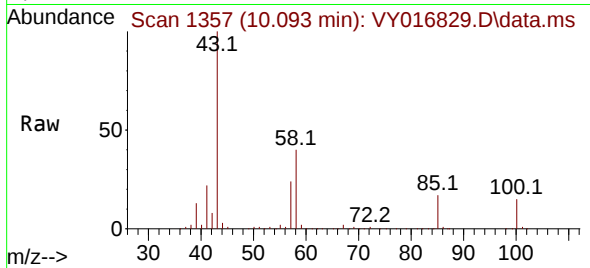
100 65.6 52.3 78.5





#51
4-Methyl-2-Pentanone
Concen: 249.656 ug/l
RT: 10.093 min Scan# 1357
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

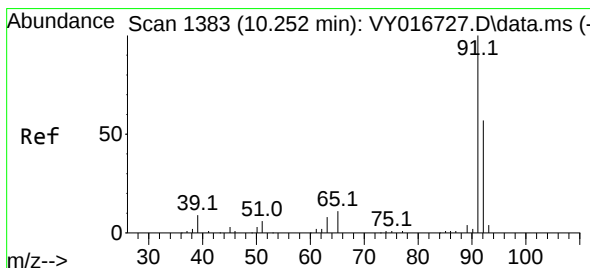
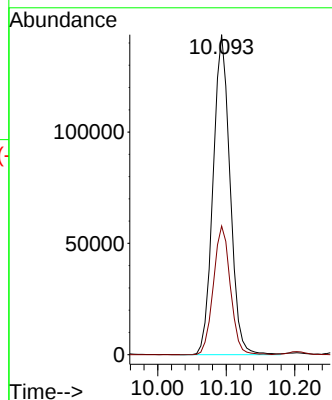
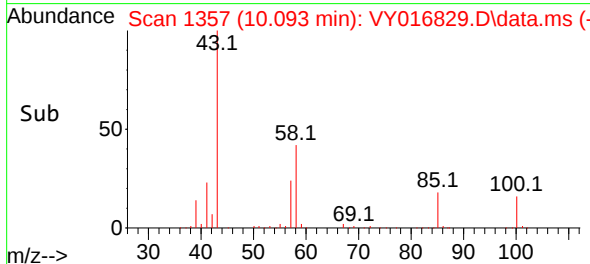
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



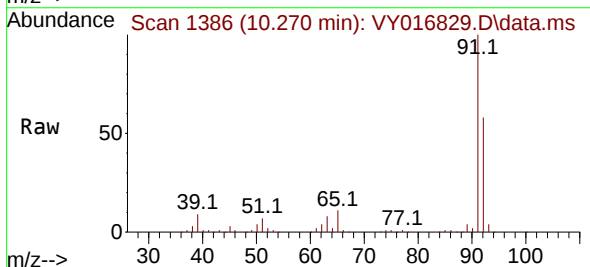
Tgt Ion: 43 Resp: 246750
Ion Ratio Lower Upper
43 100
58 40.1 32.2 48.2

Manual Integrations
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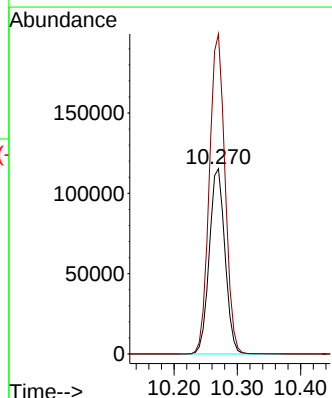
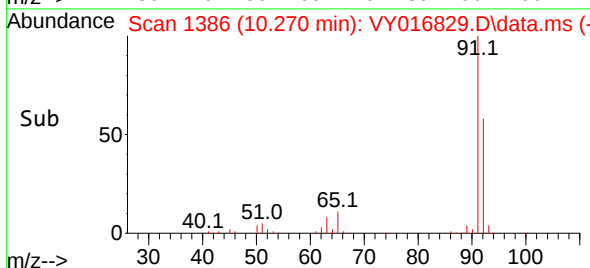
Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023

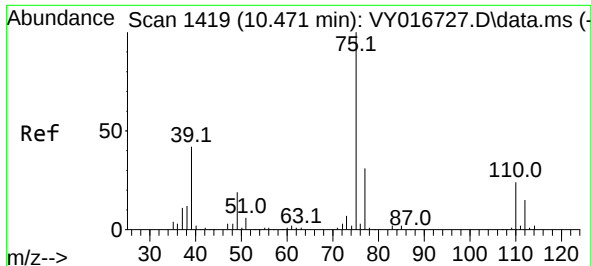


#52
Toluene
Concen: 51.166 ug/l
RT: 10.270 min Scan# 1386
Delta R.T. 0.018 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24



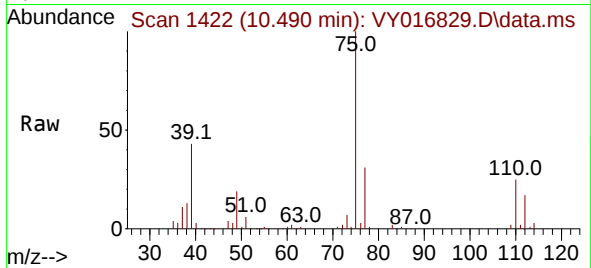
Tgt Ion: 92 Resp: 198822
Ion Ratio Lower Upper
92 100
91 172.9 137.6 206.4





#53
t-1,3-Dichloropropene
Concen: 49.213 ug/l
RT: 10.490 min Scan# 1419
Delta R.T. 0.019 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

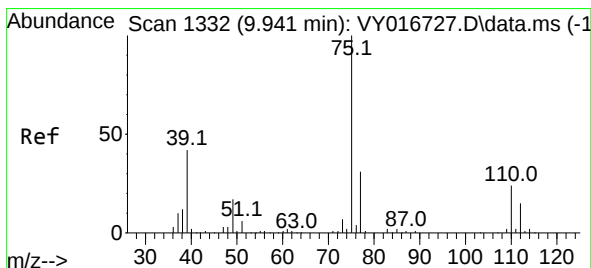
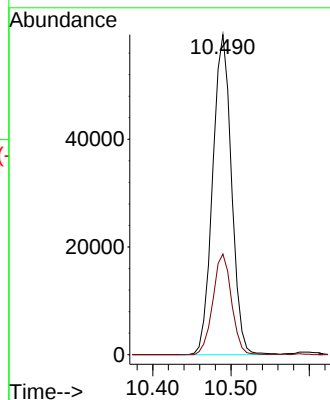
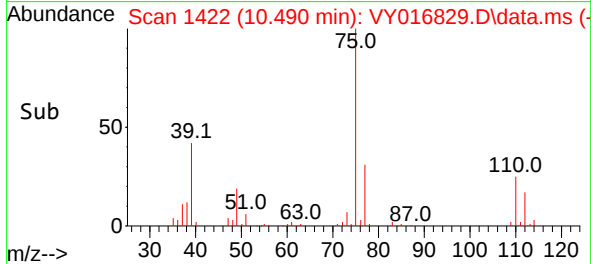
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 99385
Ion Ratio Lower Upper
75 100
77 31.4 24.6 36.8

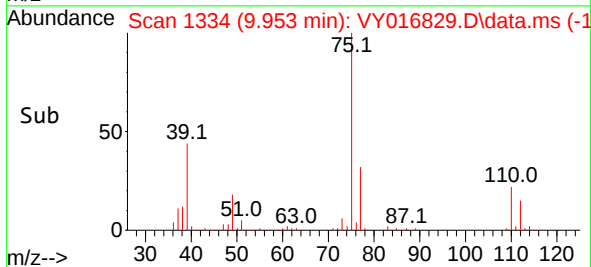
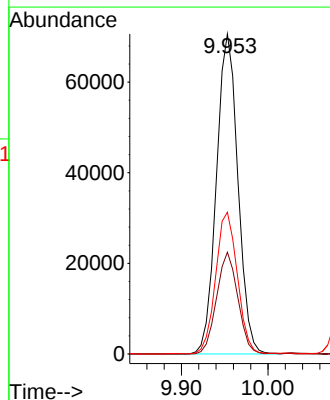
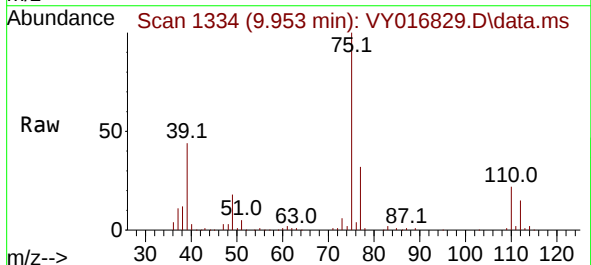
Manual Integrations
APPROVED

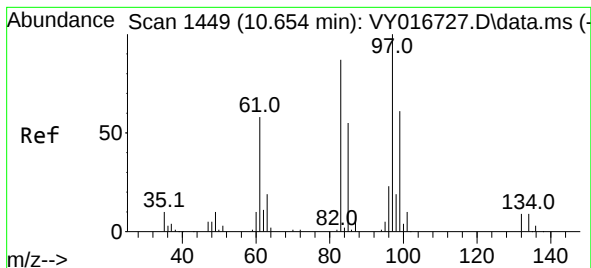
Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023



#54
cis-1,3-Dichloropropene
Concen: 49.918 ug/l
RT: 9.953 min Scan# 1334
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

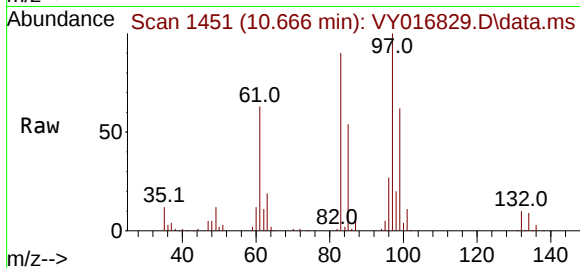
Tgt Ion: 75 Resp: 121596
Ion Ratio Lower Upper
75 100
77 31.8 24.6 36.8
39 44.2 33.6 50.4





#55
1,1,2-Trichloroethane
Concen: 48.552 ug/l
RT: 10.666 min Scan# 1449
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

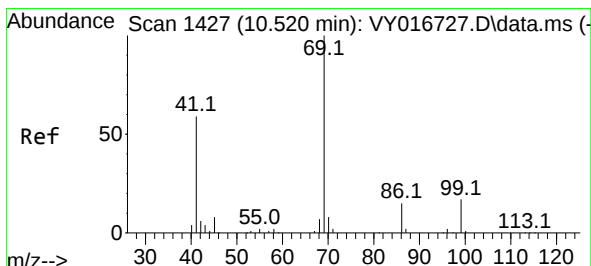
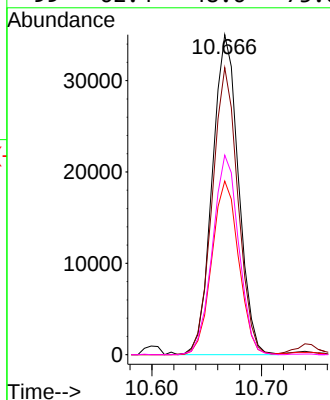
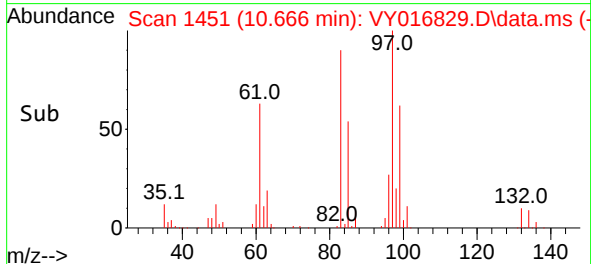
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



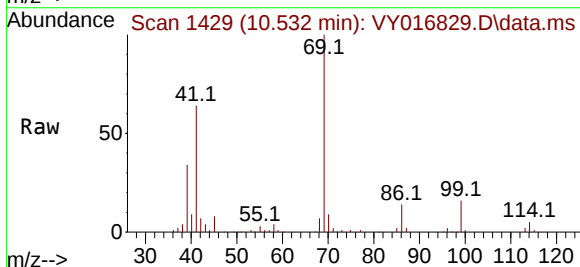
Tgt Ion: 97 Resp: 58208
Ion Ratio Lower Upper
97 100
83 89.5 69.4 104.2
85 54.3 43.9 65.9
99 62.4 48.6 73.0

Manual Integrations
APPROVED

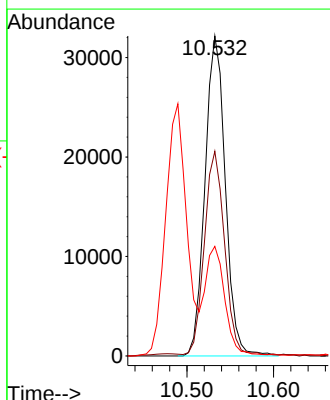
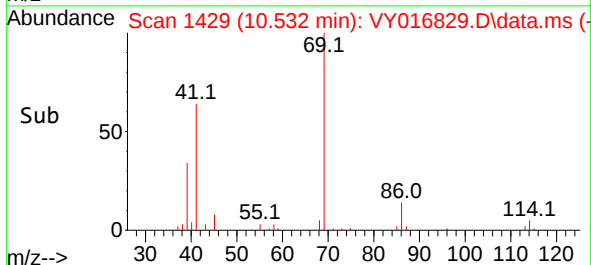
Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023

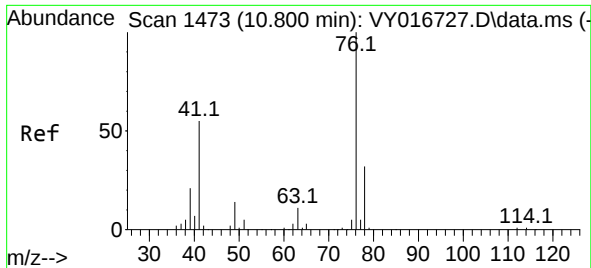


#56
Ethyl methacrylate
Concen: 49.782 ug/l
RT: 10.532 min Scan# 1429
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24



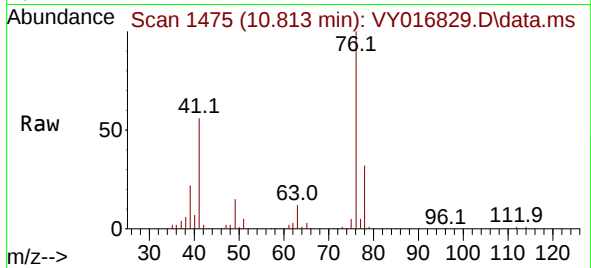
Tgt Ion: 69 Resp: 52482
Ion Ratio Lower Upper
69 100
41 62.7 49.2 73.8
39 32.6 26.8 40.2





#57
1,3-Dichloropropane
Concen: 49.507 ug/l
RT: 10.813 min Scan# 1475
Delta R.T. 0.013 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

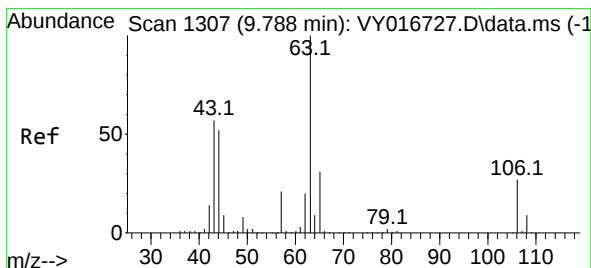
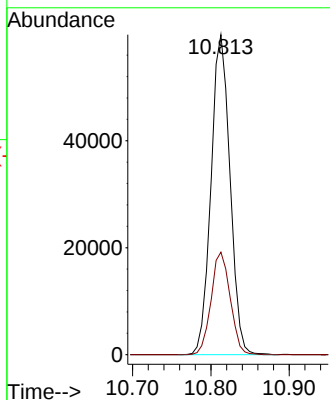
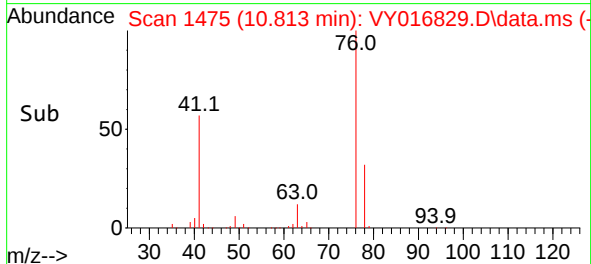
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 100814
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1

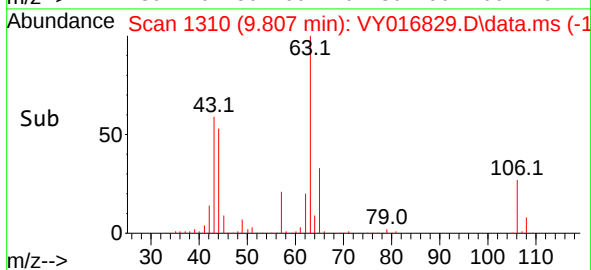
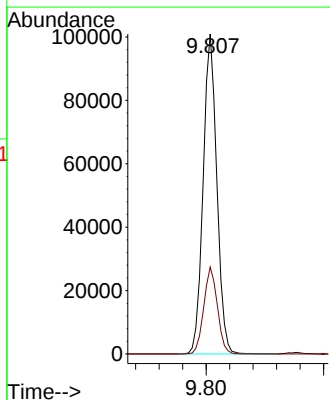
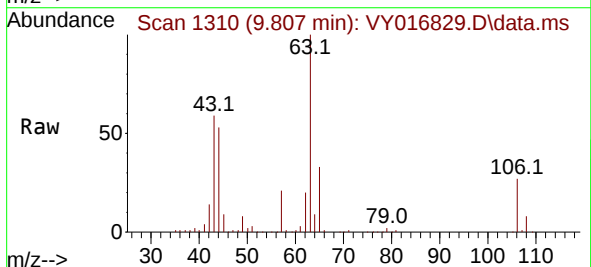
Manual Integrations
APPROVED

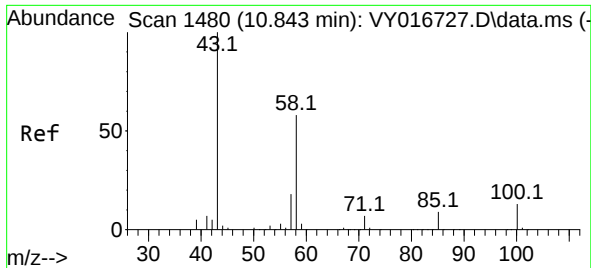
Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023



#58
2-Chloroethyl Vinyl ether
Concen: 287.898 ug/l
RT: 9.807 min Scan# 1310
Delta R.T. 0.019 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

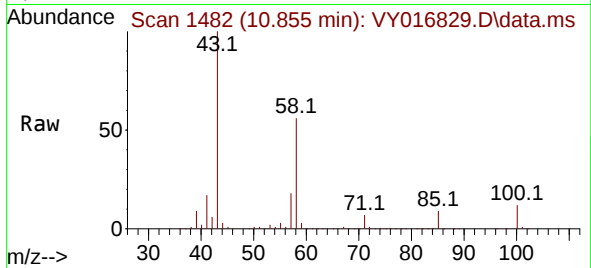
Tgt Ion: 63 Resp: 163275
Ion Ratio Lower Upper
63 100
106 26.9 22.4 33.6





#59
2-Hexanone
Concen: 225.010 ug/l
RT: 10.855 min Scan# 1480
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

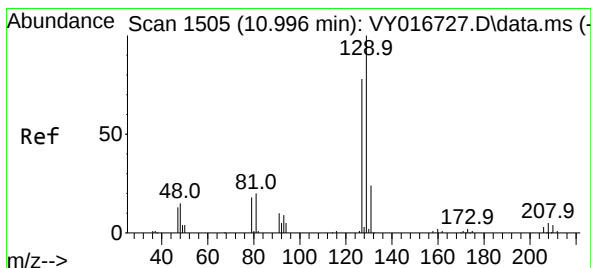
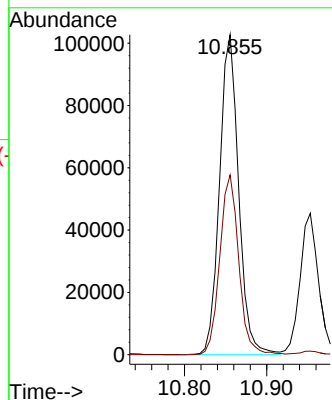
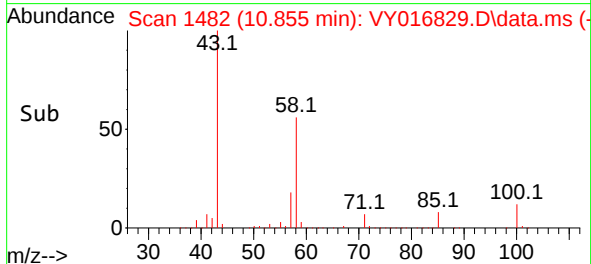
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



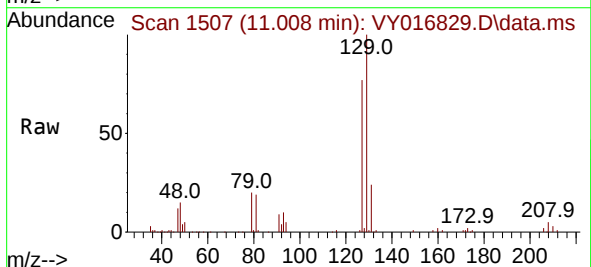
Tgt Ion: 43 Resp: 16582
Ion Ratio Lower Upper
43 100
58 55.9 28.1 84.3

Manual Integrations
APPROVED

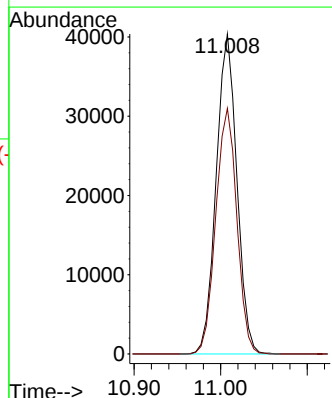
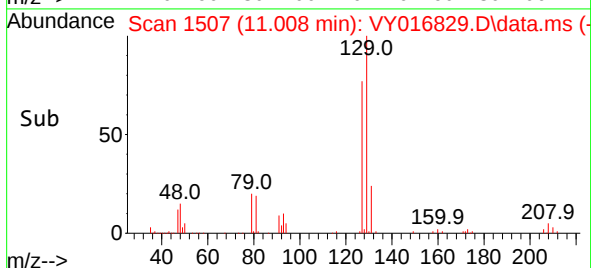
Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023

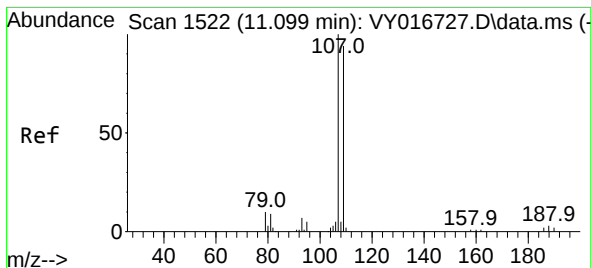


#60
Dibromochloromethane
Concen: 48.258 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24



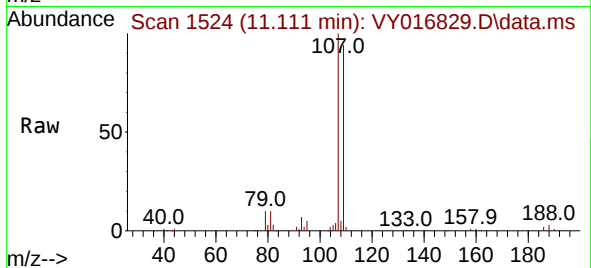
Tgt Ion:129 Resp: 66929
Ion Ratio Lower Upper
129 100
127 78.2 39.2 117.6





#61
1,2-Dibromoethane
Concen: 47.687 ug/l
RT: 11.111 min Scan# 1524
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

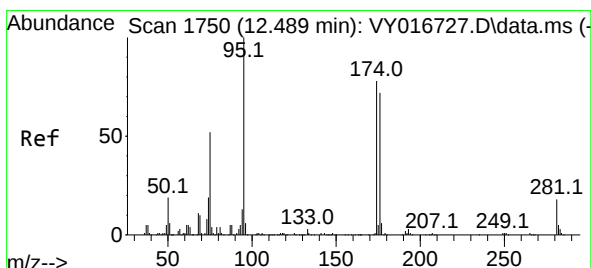
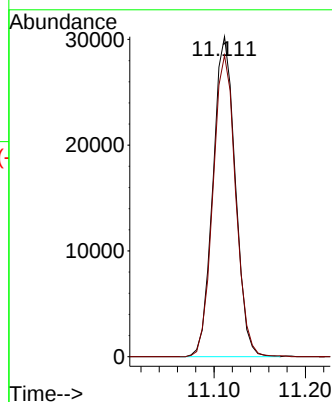
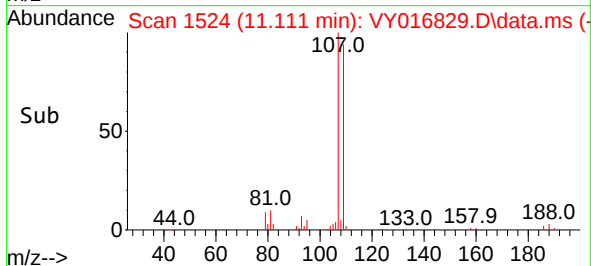
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 5127
Ion Ratio Lower Upper
107 100
109 95.8 75.4 113.2

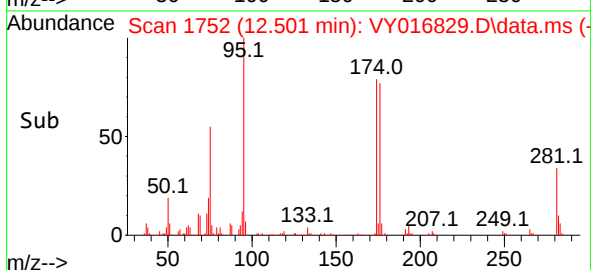
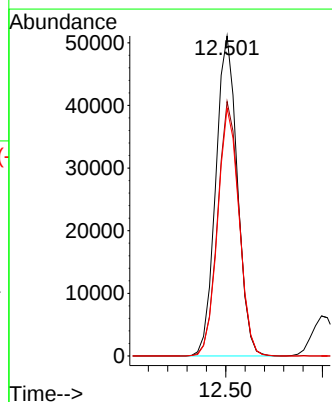
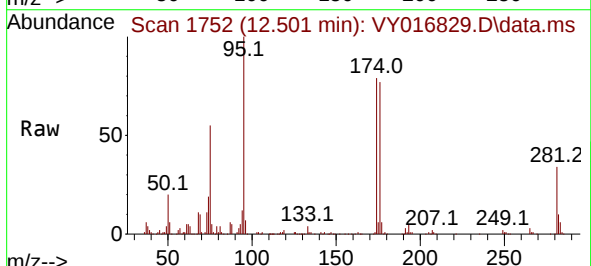
Manual Integrations
APPROVED

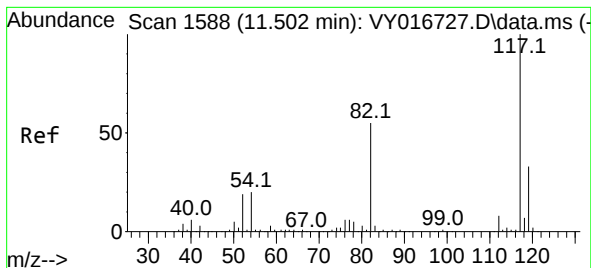
Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023



#62
4-Bromofluorobenzene
Concen: 48.686 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Tgt Ion: 95 Resp: 79143
Ion Ratio Lower Upper
95 100
174 78.7 0.0 160.0
176 76.7 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11514

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 20814

Ion Ratio Lower Upper

117 100

82 53.5 43.8 65.8

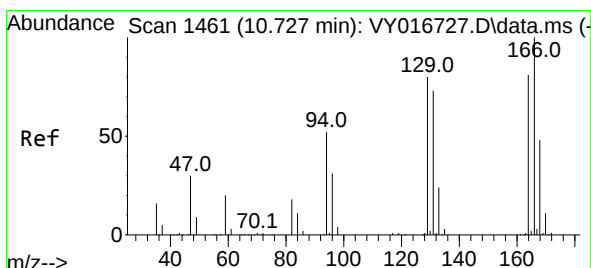
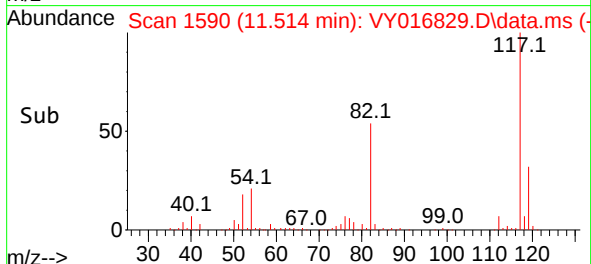
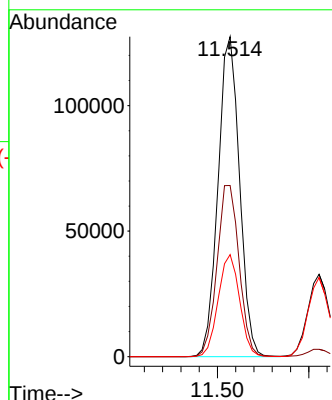
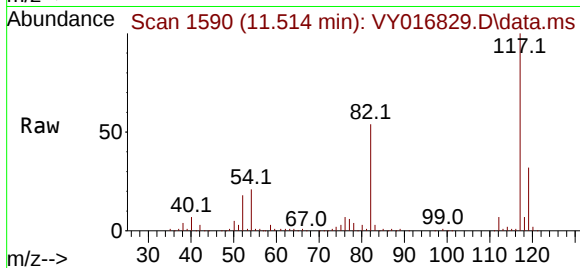
119 31.9 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/26/2023

Supervised By :Semsettin Yesilyurt 12/26/2023



#64

Tetrachloroethene

Concen: 49.242 ug/l

RT: 10.746 min Scan# 1464

Delta R.T. 0.018 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Tgt Ion:164 Resp: 63669

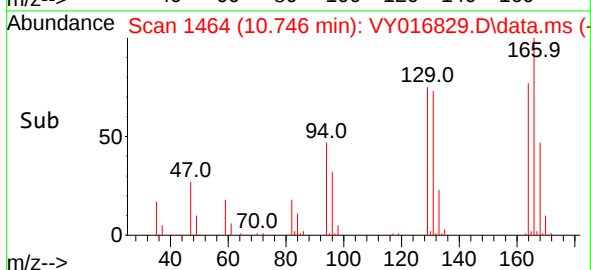
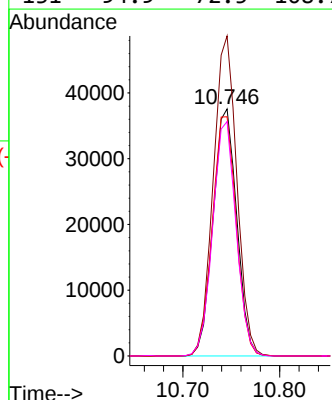
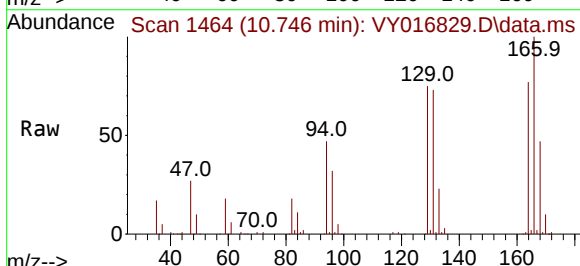
Ion Ratio Lower Upper

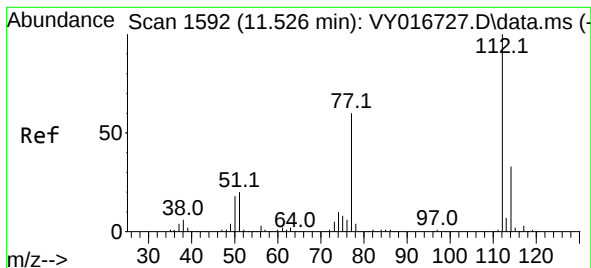
164 100

166 129.5 98.8 148.2

129 96.8 78.9 118.3

131 94.9 72.5 108.7





#65

Chlorobenzene

Concen: 49.766 ug/l

RT: 11.538 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 20351

Ion Ratio Lower Upper

112 100

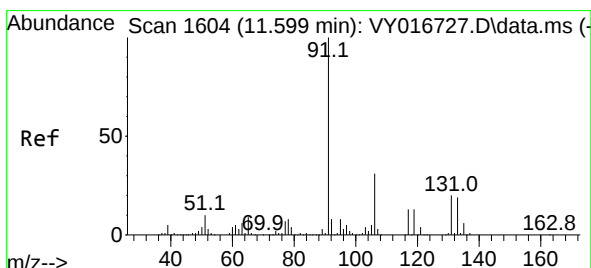
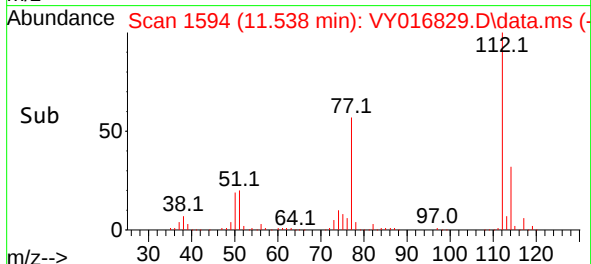
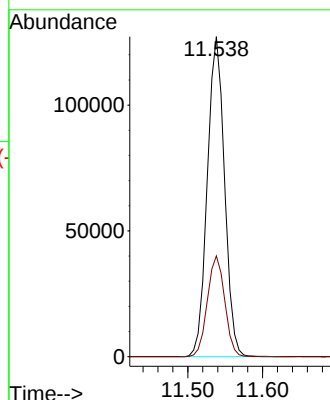
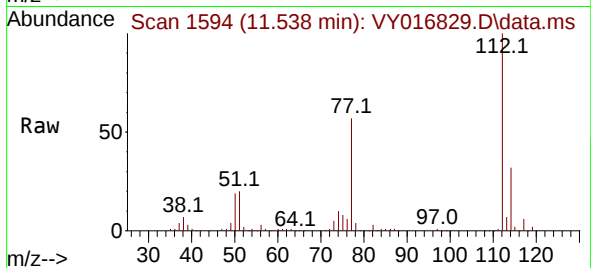
114 31.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/26/2023

Supervised By :Semsettin Yesilyurt 12/26/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 47.864 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

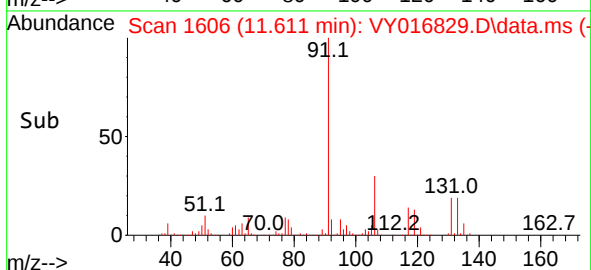
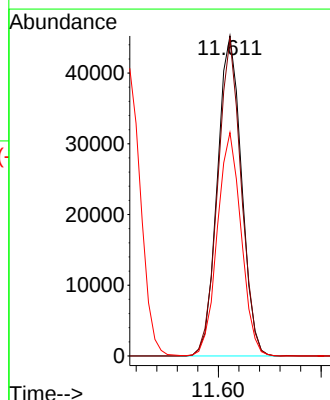
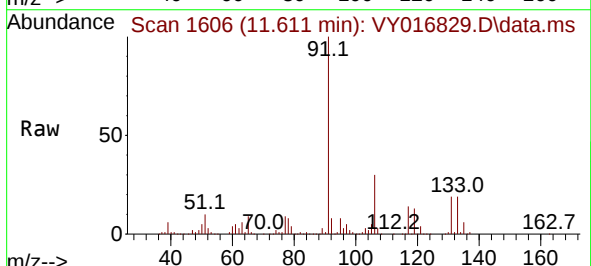
Tgt Ion:131 Resp: 73646

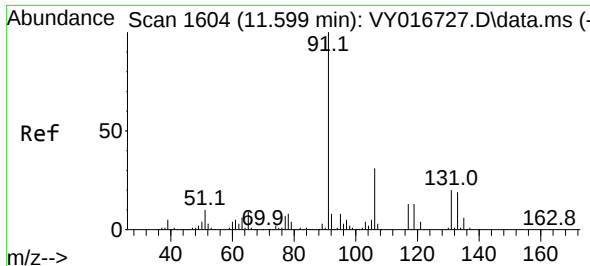
Ion Ratio Lower Upper

131 100

133 96.1 47.0 141.0

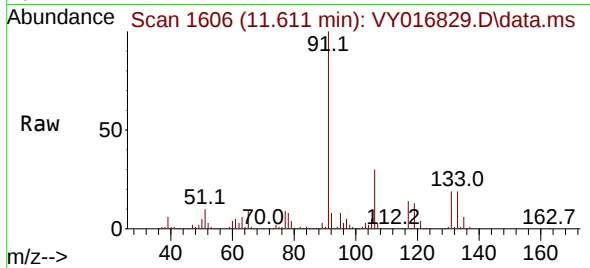
119 69.0 33.3 99.9





#67
Ethyl Benzene
Concen: 50.837 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

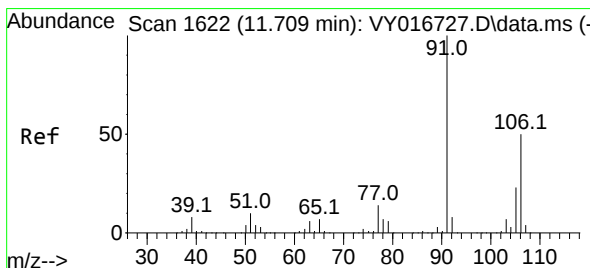
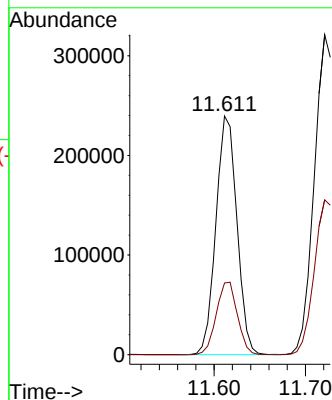
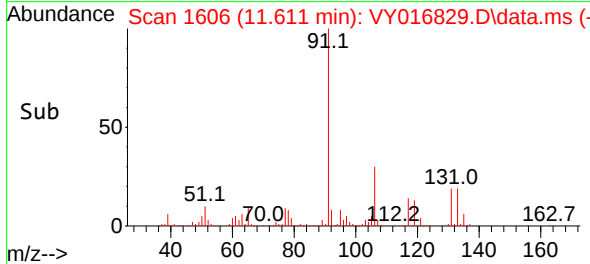
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



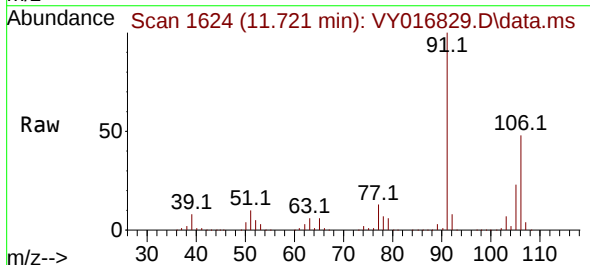
Tgt Ion: 91 Resp: 382650
Ion Ratio Lower Upper
91 100
106 30.0 25.0 37.4

Manual Integrations
APPROVED

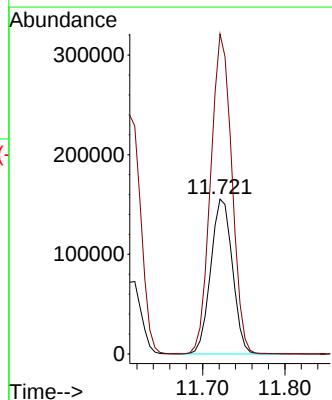
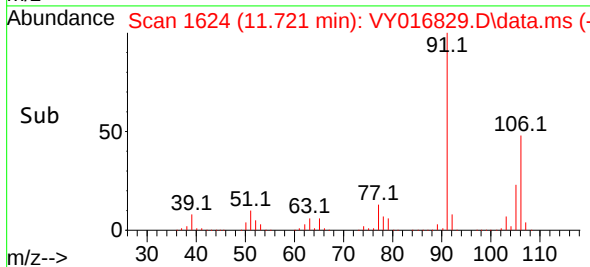
Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023

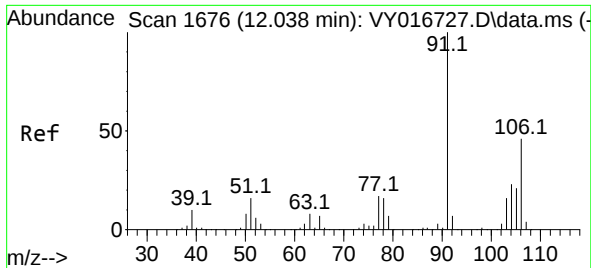


#68
m/p-Xylenes
Concen: 102.567 ug/l
RT: 11.721 min Scan# 1624
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24



Tgt Ion:106 Resp: 285088
Ion Ratio Lower Upper
106 100
91 202.1 160.7 241.1





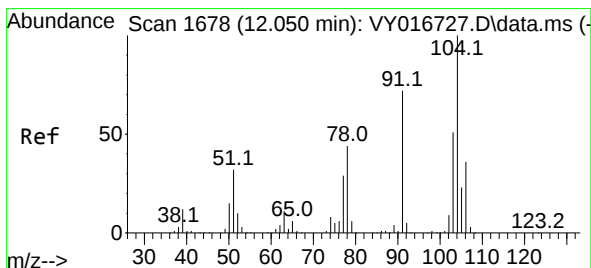
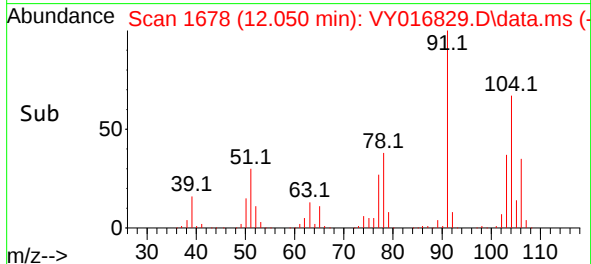
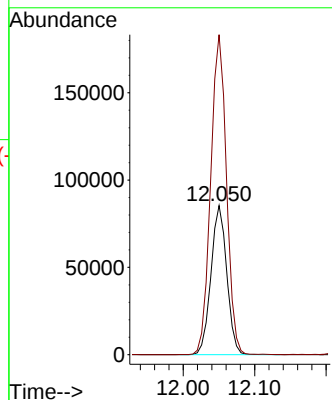
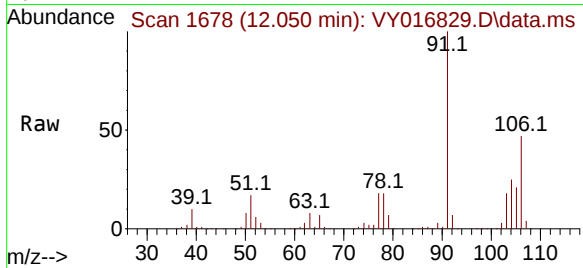
#69
o-Xylene
Concen: 51.319 ug/l
RT: 12.050 min Scan# 1680
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 13086
Ion Ratio Lower Upper
106 100
91 214.8 106.5 319.5

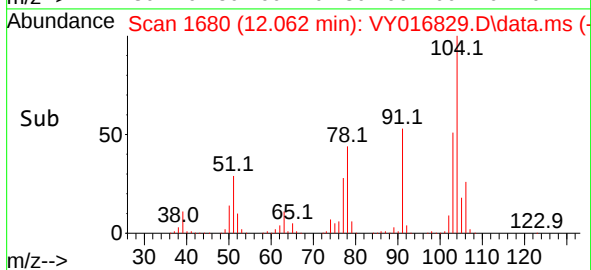
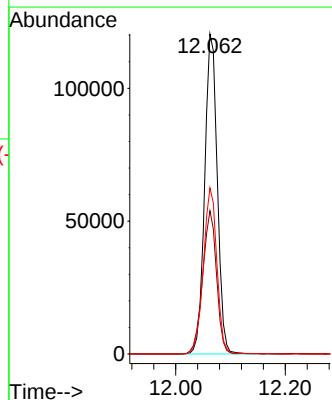
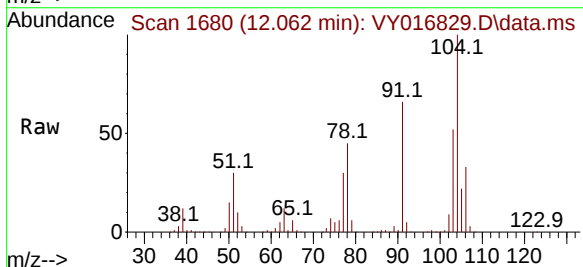
Manual Integrations
APPROVED

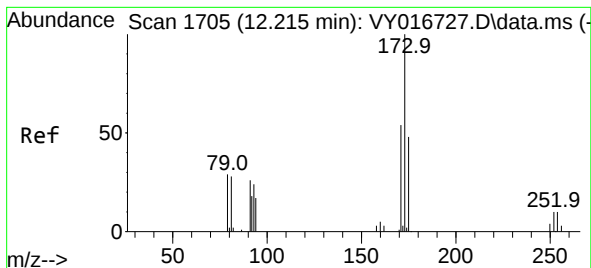
Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023



#70
Styrene
Concen: 50.946 ug/l
RT: 12.062 min Scan# 1680
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Tgt Ion:104 Resp: 192235
Ion Ratio Lower Upper
104 100
78 49.1 39.2 58.8
103 55.7 43.8 65.6





#71

Bromoform

Concen: 46.419 ug/l

RT: 12.227 min Scan# 1707

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

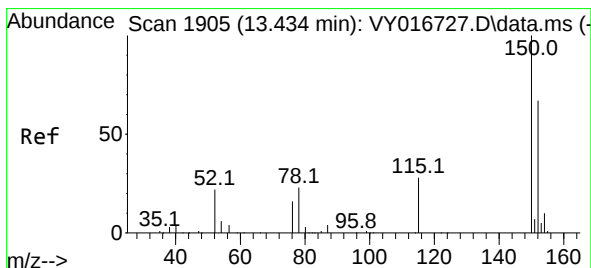
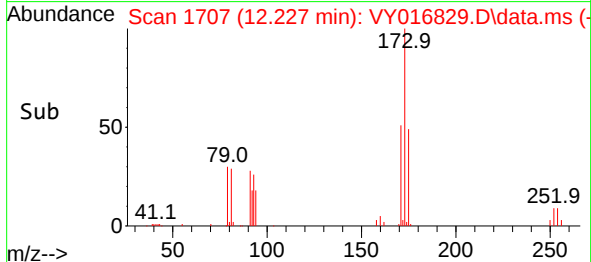
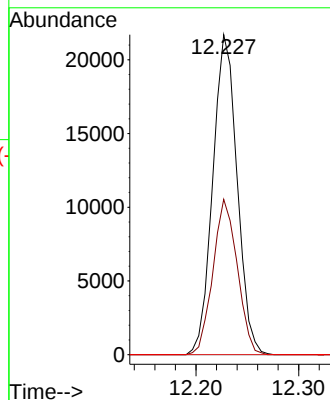
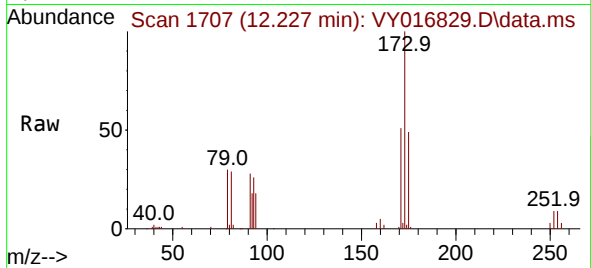
VSTDCCC050EC

Tgt Ion:173	Resp:	35608
Ion Ratio	Lower	Upper
173	100	
175	48.6	23.5 70.6
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

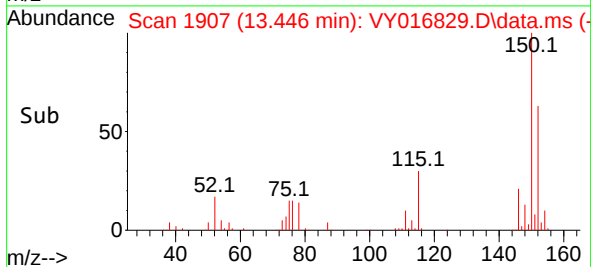
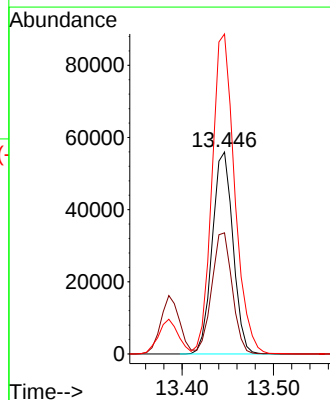
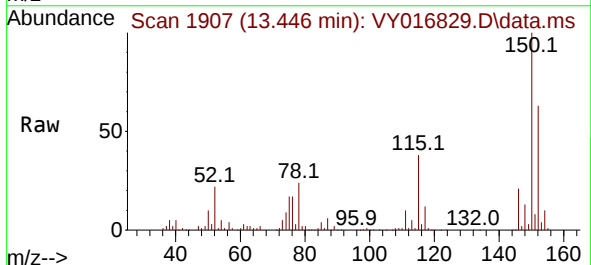
RT: 13.446 min Scan# 1907

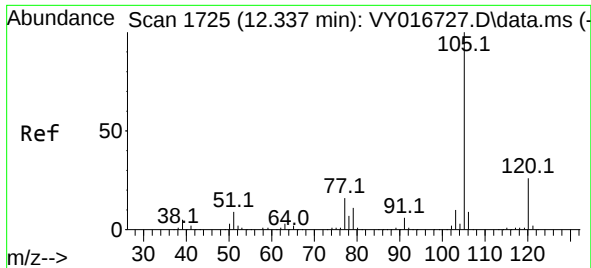
Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

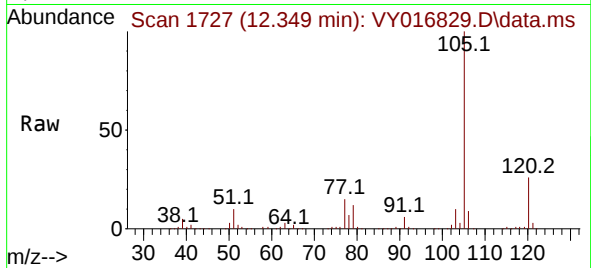
Tgt Ion:152	Resp:	88028
Ion Ratio	Lower	Upper
152	100	
115	59.4	30.0 90.0
150	173.4	0.0 344.6





#73
Isopropylbenzene
Concen: 52.593 ug/l
RT: 12.349 min Scan# 1727
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

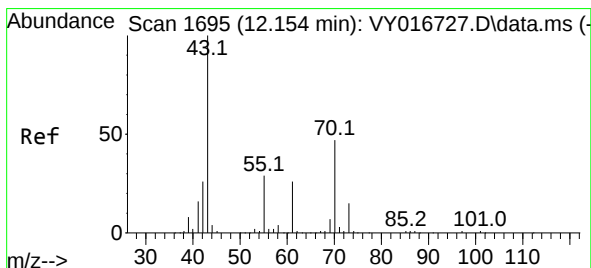
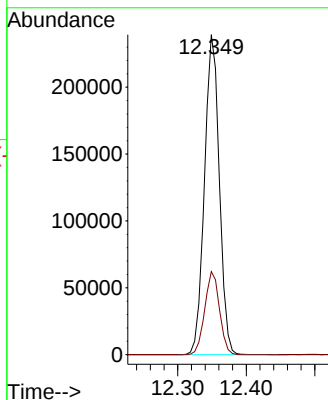
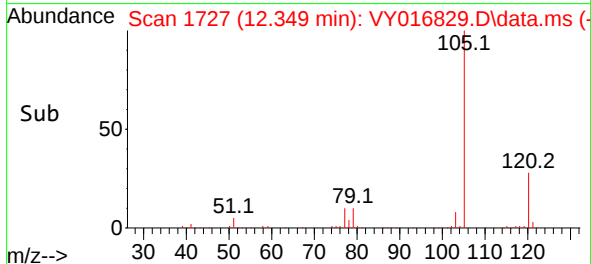
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



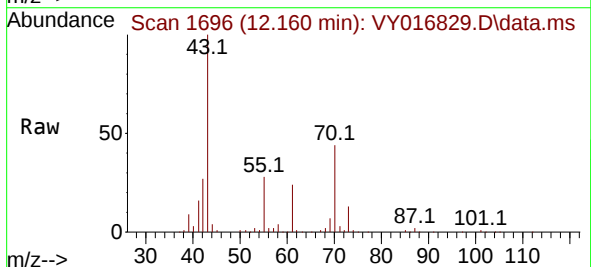
Tgt Ion:105 Resp: 360564
Ion Ratio Lower Upper
105 100
120 25.8 13.0 39.0

Manual Integrations
APPROVED

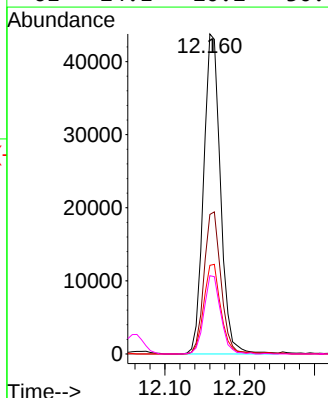
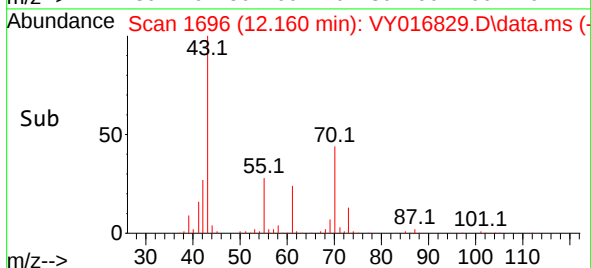
Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023

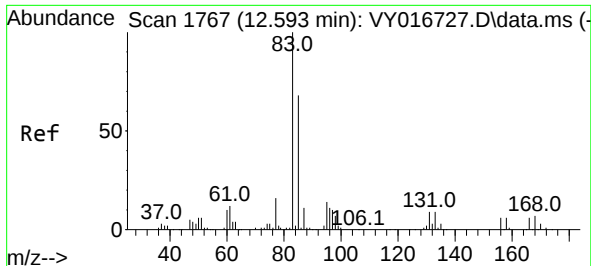


#74
N-ethyl acetate
Concen: 47.774 ug/l
RT: 12.160 min Scan# 1696
Delta R.T. 0.006 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24



Tgt Ion: 43 Resp: 68736
Ion Ratio Lower Upper
43 100
70 44.6 36.6 55.0
55 28.5 22.2 33.4
61 24.1 20.2 30.4





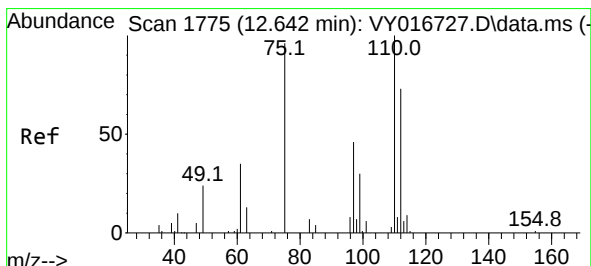
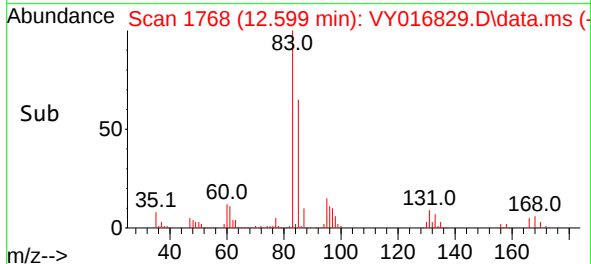
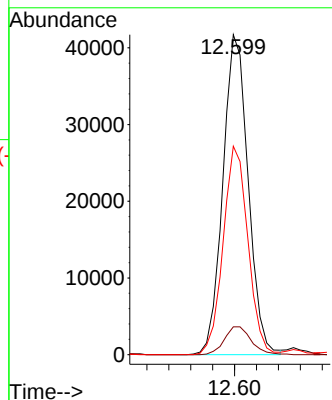
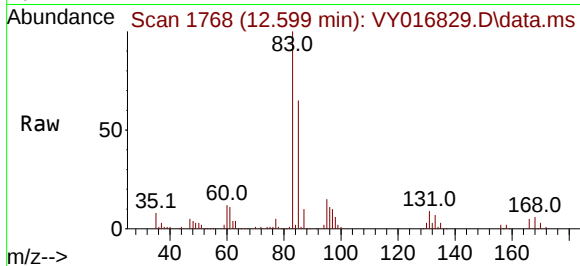
#75
1,1,2,2-Tetrachloroethane
Concen: 48.765 ug/l
RT: 12.599 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 66808
Ion Ratio Lower Upper
83 100
131 9.3 4.9 14.6
85 63.9 32.6 98.0

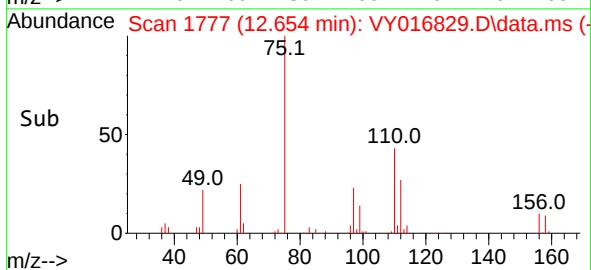
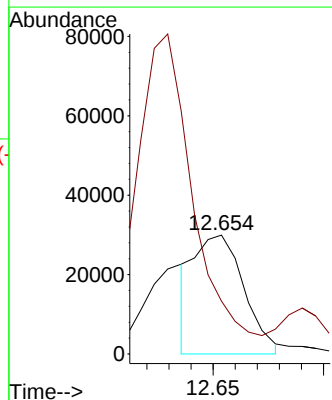
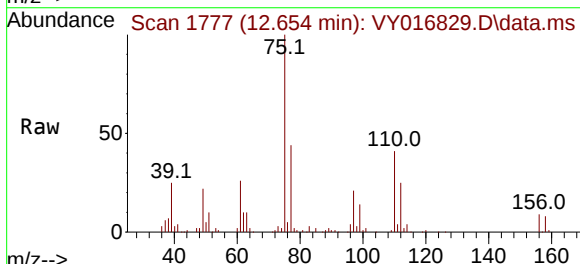
Manual Integrations
APPROVED

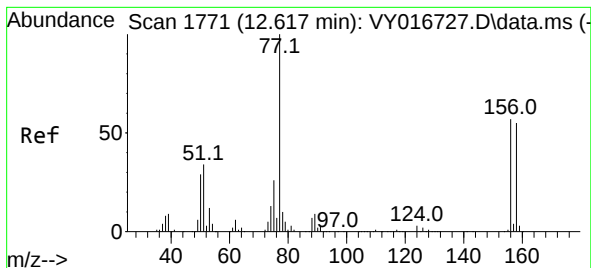
Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023



#76
1,2,3-Trichloropropane
Concen: 48.278 ug/l m
RT: 12.654 min Scan# 1777
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Tgt Ion: 75 Resp: 46979
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.140 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

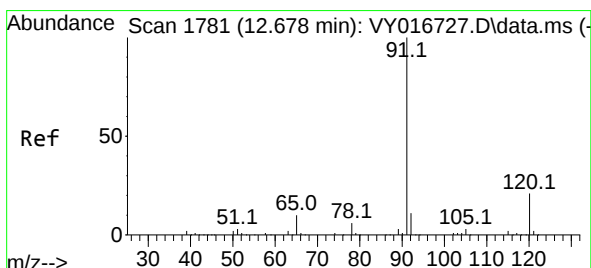
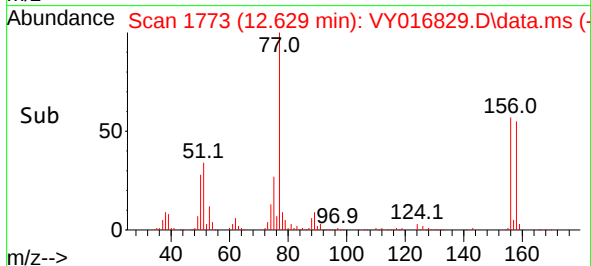
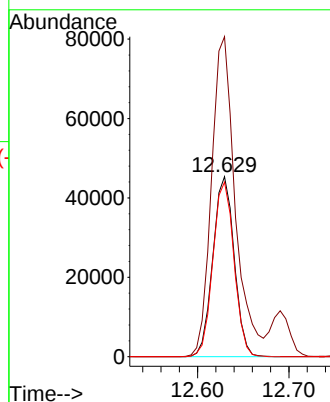
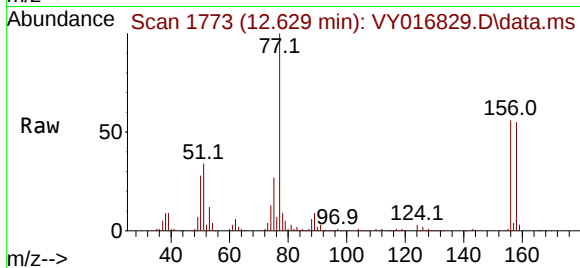
VSTDCCC050EC

Tgt Ion:	156	Resp:	7349
Ion Ratio	Lower	Upper	
156	100		
77	197.9	97.3	291.8
158	96.0	48.4	145.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023



#78

n-propylbenzene

Concen: 52.708 ug/l

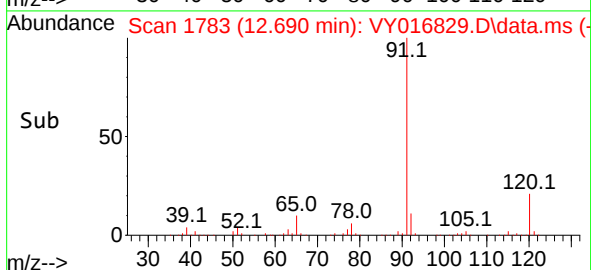
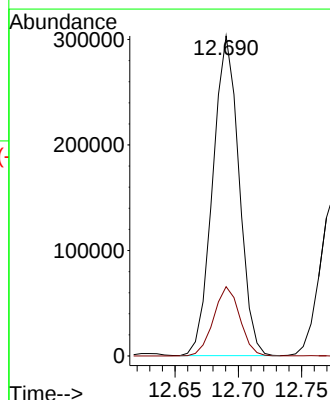
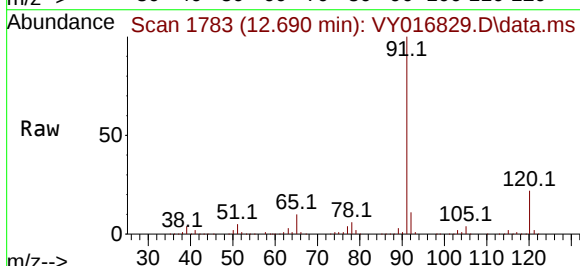
RT: 12.690 min Scan# 1783

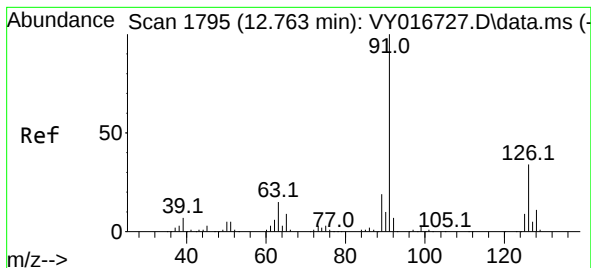
Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Tgt Ion:	91	Resp:	437807
Ion Ratio	Lower	Upper	
91	100		
120	21.6	11.0	33.0





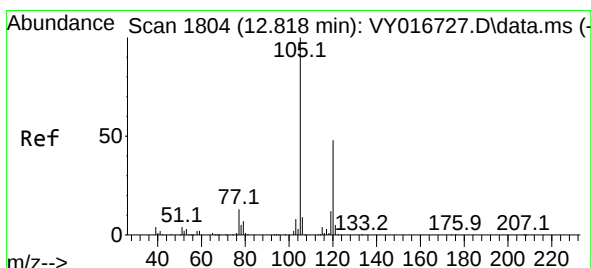
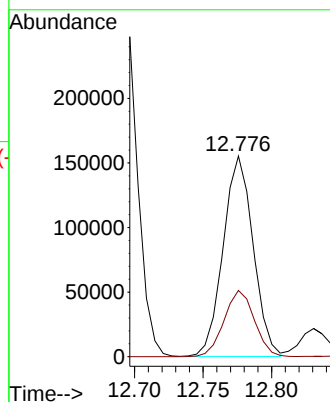
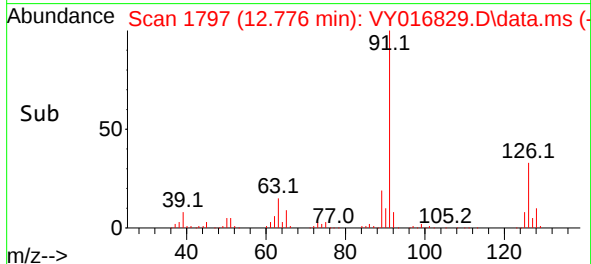
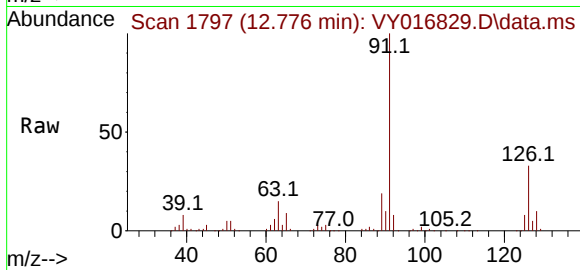
#79
2-Chlorotoluene
Concen: 51.466 ug/l
RT: 12.776 min Scan# 1795
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 23655
Ion Ratio Lower Upper
91 100
126 33.4 17.0 51.0

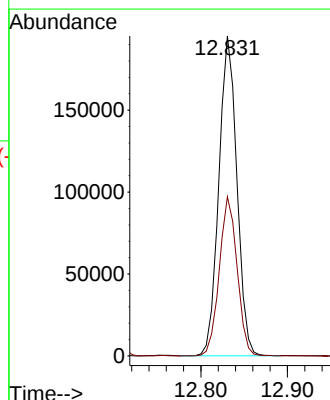
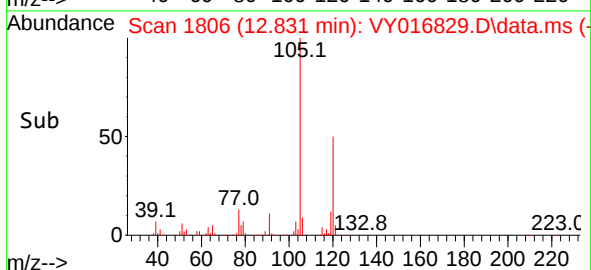
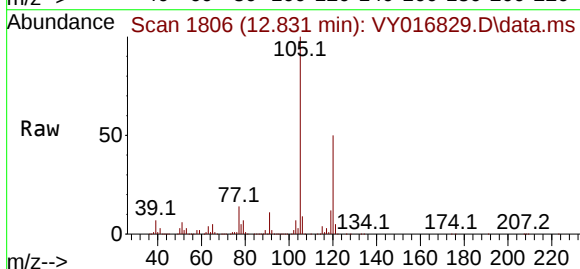
Manual Integrations
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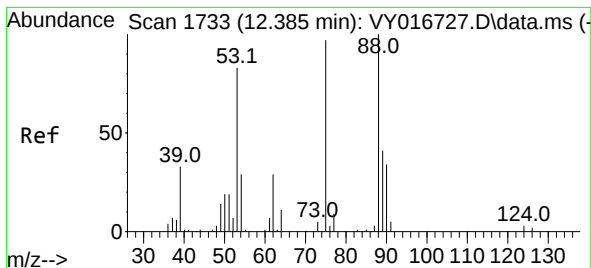
Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.969 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Tgt Ion:105 Resp: 282031
Ion Ratio Lower Upper
105 100
120 49.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 45.231 ug/l

RT: 12.398 min Scan# 1733

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

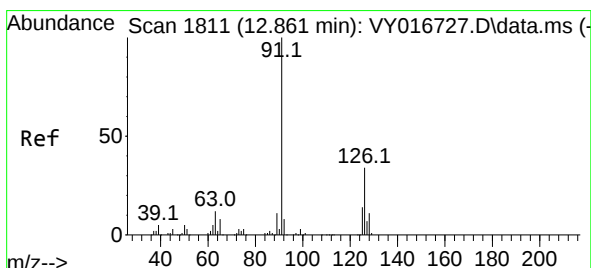
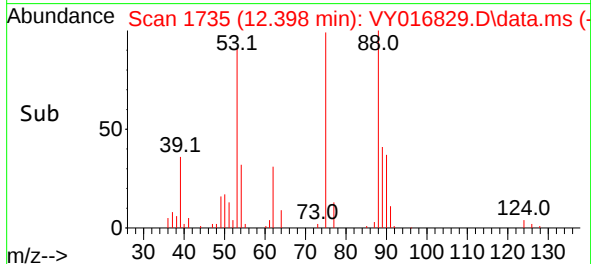
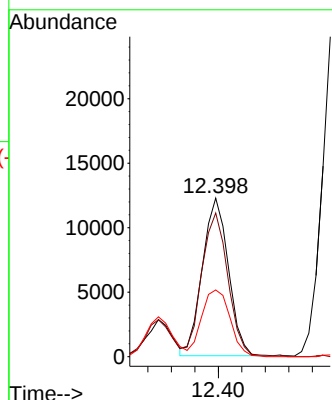
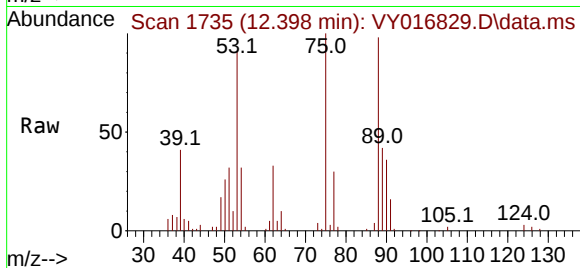
VSTDCCC050EC

Tgt Ion:	75	Resp:	1874
Ion Ratio	Lower	Upper	
75	100		
53	93.3	74.0	111.0
89	46.3	36.5	54.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023



#82

4-Chlorotoluene

Concen: 51.519 ug/l

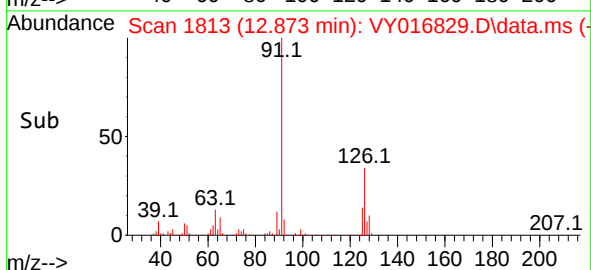
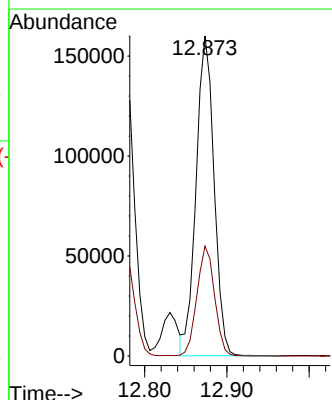
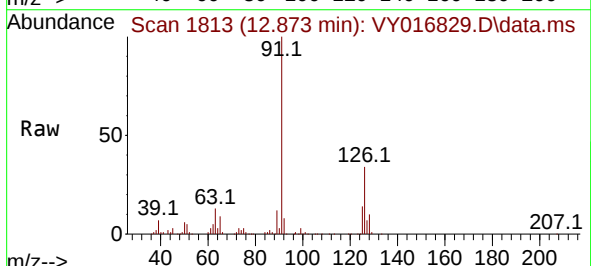
RT: 12.873 min Scan# 1813

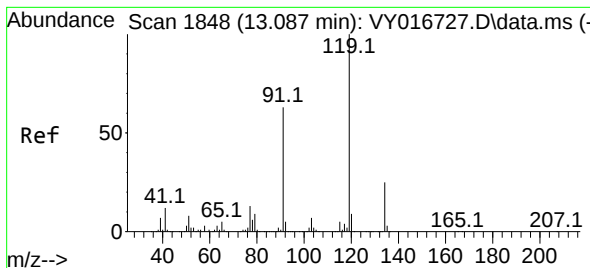
Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

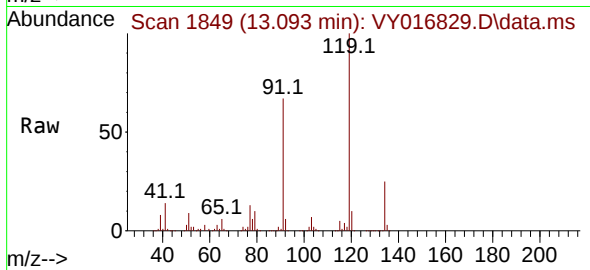
Tgt Ion:	91	Resp:	242929
Ion Ratio	Lower	Upper	
91	100		
126	33.7	17.1	51.2





#83
tert-Butylbenzene
Concen: 52.208 ug/l
RT: 13.093 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

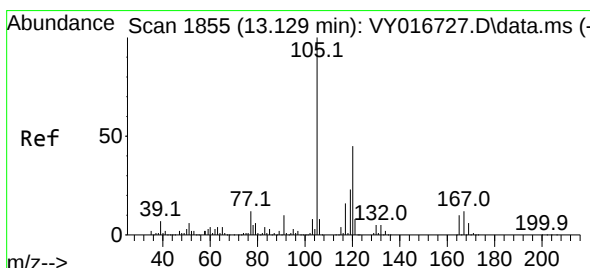
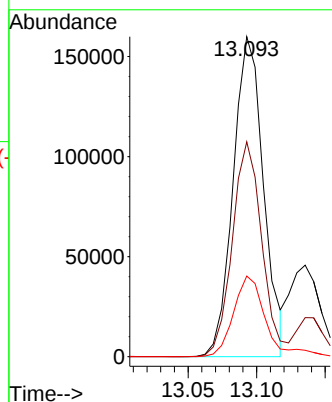
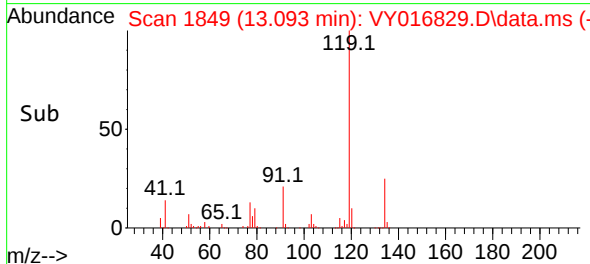
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



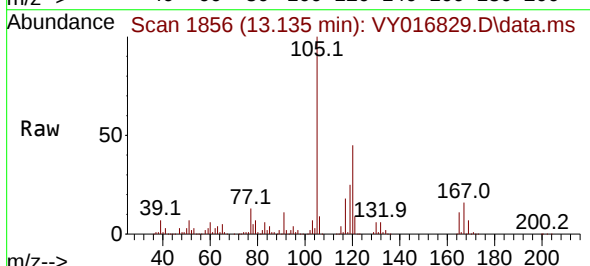
Tgt Ion:119 Resp: 246448
Ion Ratio Lower Upper
119 100
91 65.6 31.5 94.5
134 26.7 13.1 39.3

Manual Integrations
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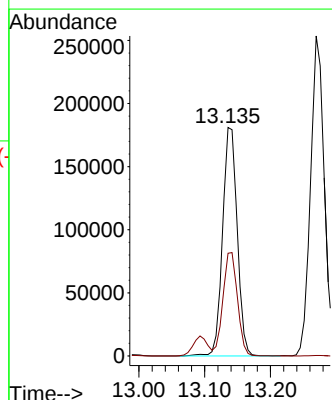
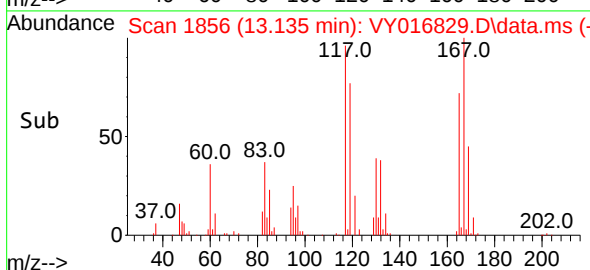
Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023

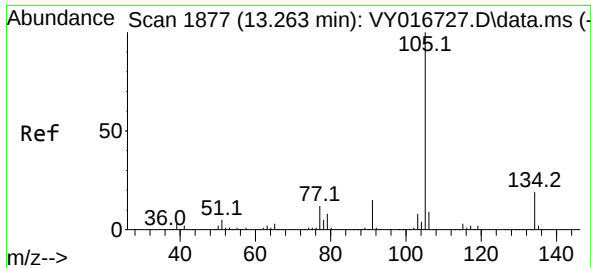


#84
1,2,4-Trimethylbenzene
Concen: 52.427 ug/l
RT: 13.135 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24



Tgt Ion:105 Resp: 280553
Ion Ratio Lower Upper
105 100
120 44.7 22.1 66.3





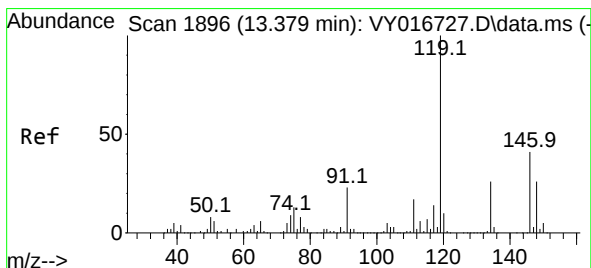
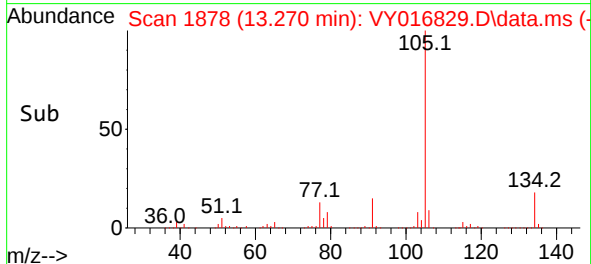
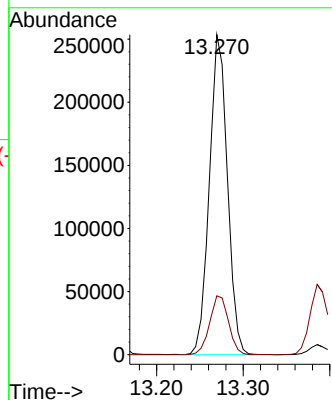
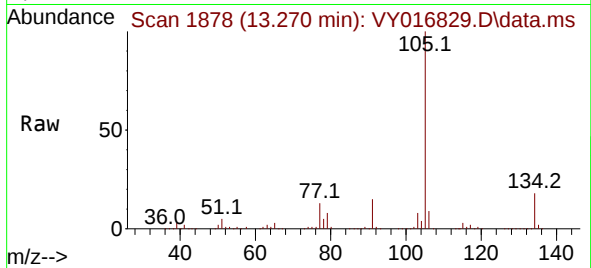
#85
 sec-Butylbenzene
 Concen: 52.456 ug/l
 RT: 13.270 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VY016829.D
 Acq: 22 Dec 2023 23:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 36676
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 28.9

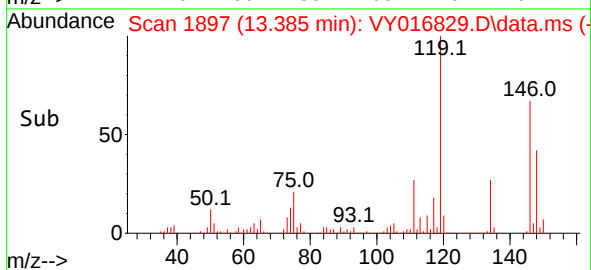
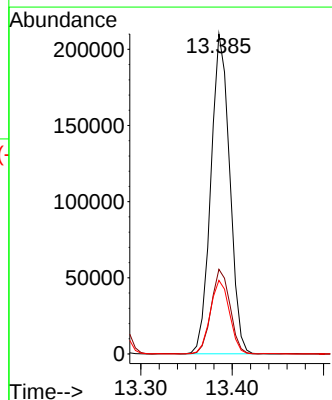
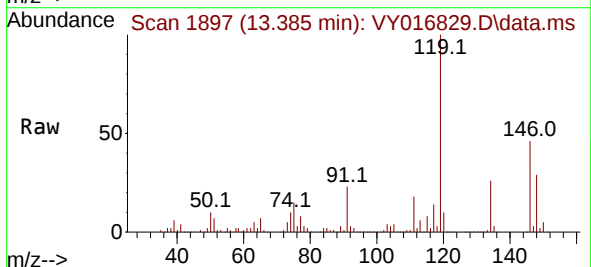
Manual Integrations
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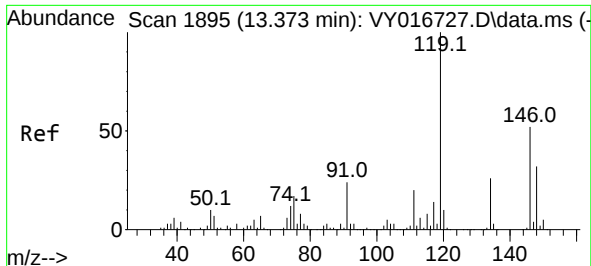
Reviewed By :Mahesh Dadoda 12/26/2023
 Supervised By :Semsettin Yesilyurt 12/26/2023



#86
 p-Isopropyltoluene
 Concen: 51.518 ug/l
 RT: 13.385 min Scan# 1897
 Delta R.T. 0.006 min
 Lab File: VY016829.D
 Acq: 22 Dec 2023 23:24

Tgt Ion:119 Resp: 299979
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.1
 91 23.4 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 49.539 ug/l

RT: 13.385 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 14479

Ion Ratio Lower Upper

146 100

111 40.1 20.2 60.5

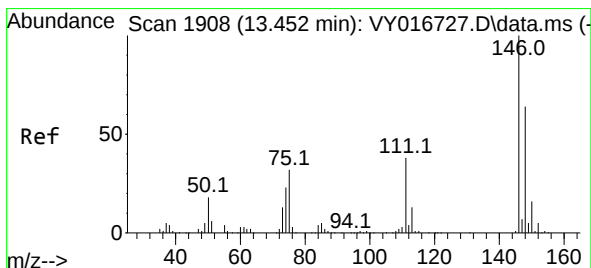
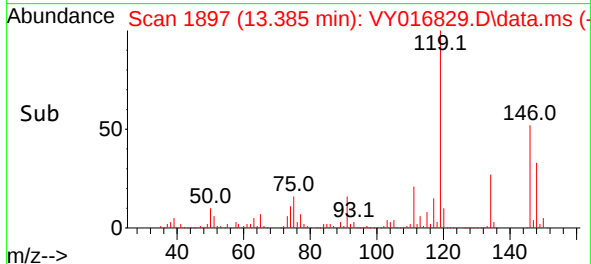
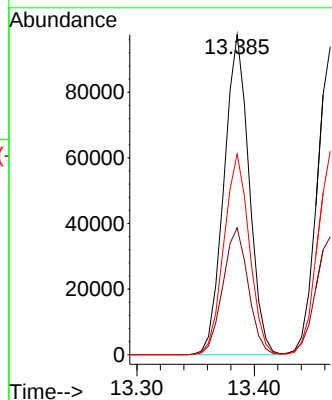
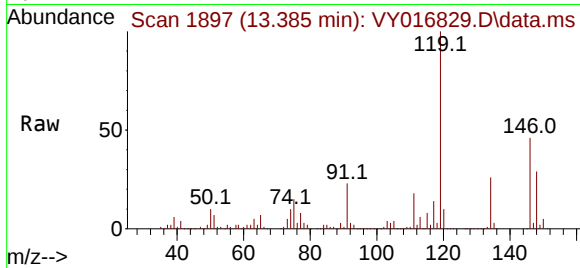
148 63.5 31.9 95.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/26/2023

Supervised By :Semsettin Yesilyurt 12/26/2023



#88

1,4-Dichlorobenzene

Concen: 49.006 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

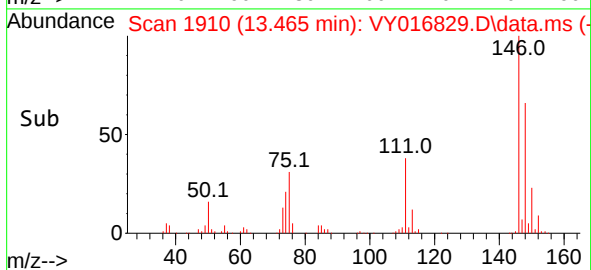
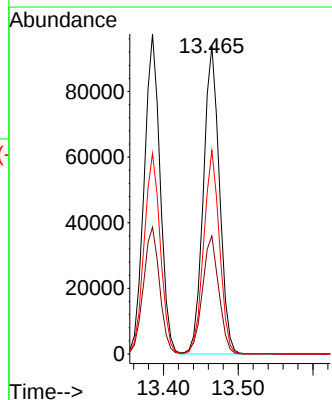
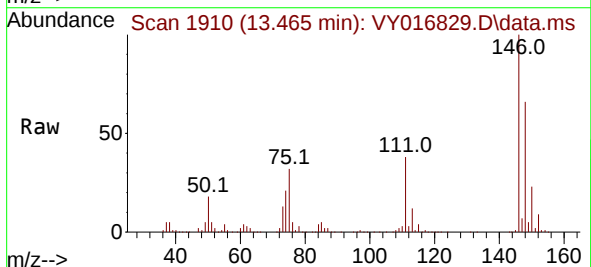
Tgt Ion:146 Resp: 139866

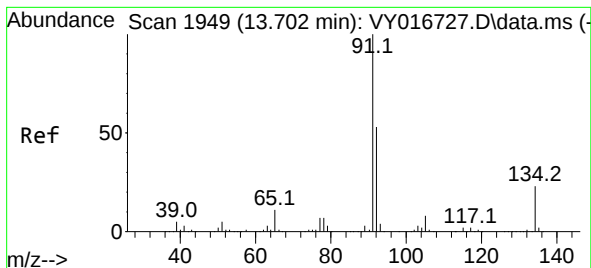
Ion Ratio Lower Upper

146 100

111 39.2 19.3 57.9

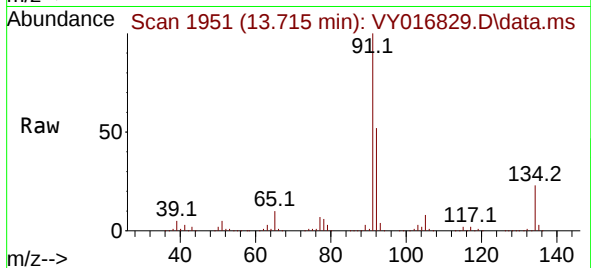
148 64.8 31.6 94.7





#89
n-Butylbenzene
Concen: 52.530 ug/l
RT: 13.715 min Scan# 1951
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

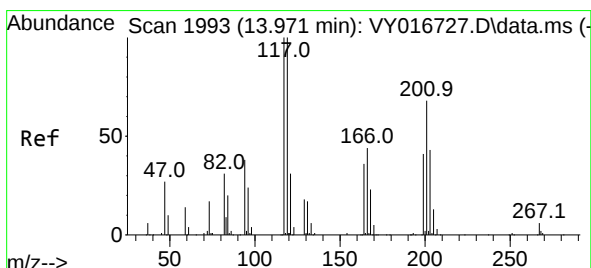
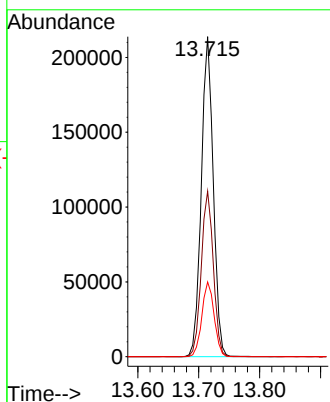
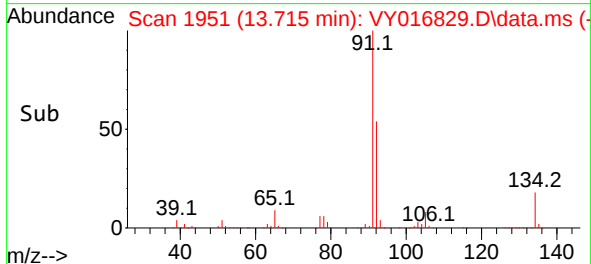
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 292390
Ion Ratio Lower Upper
91 100
92 52.2 26.4 79.2
134 23.9 12.3 36.8

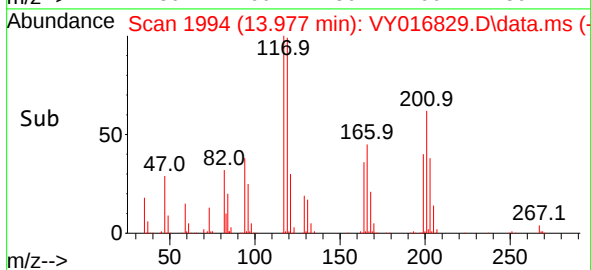
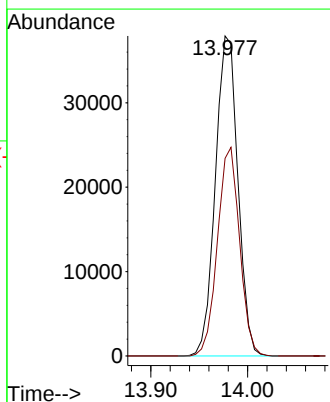
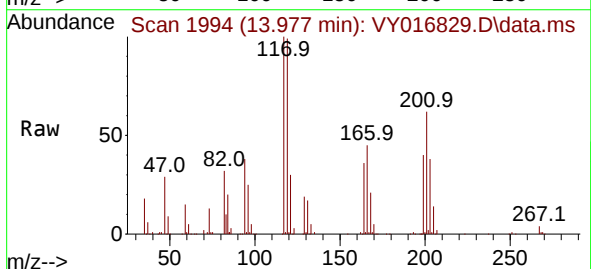
Manual Integrations
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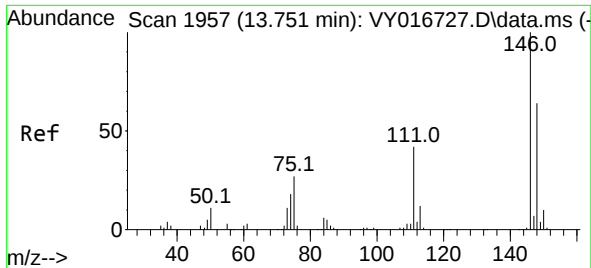
Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023



#90
Hexachloroethane
Concen: 50.613 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Tgt Ion:117 Resp: 61367
Ion Ratio Lower Upper
117 100
201 64.1 33.4 100.1





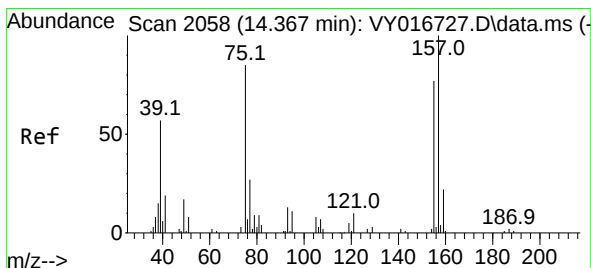
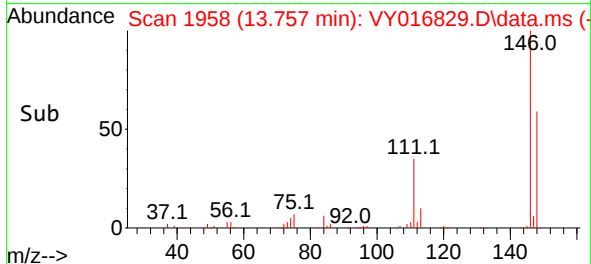
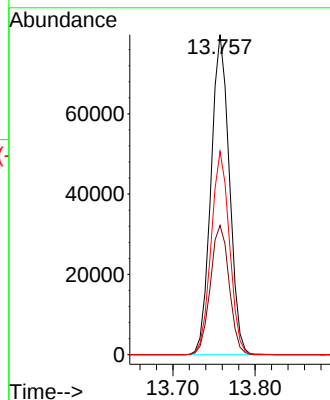
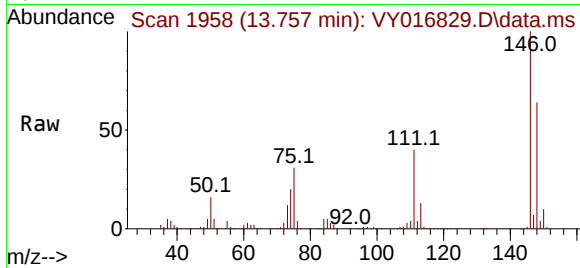
#91
1,2-Dichlorobenzene
Concen: 49.539 ug/l
RT: 13.757 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 12335
Ion Ratio Lower Upper
146 100
111 41.3 20.5 61.6
148 63.7 31.4 94.3

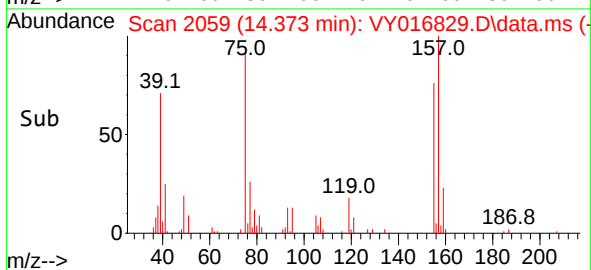
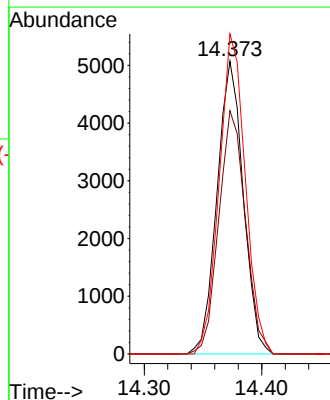
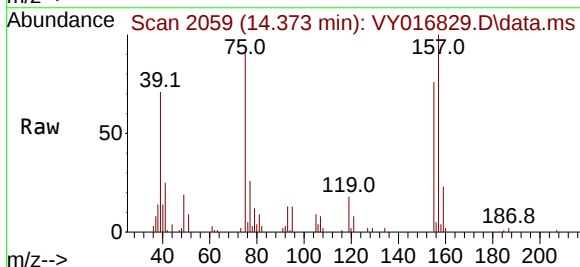
Manual Integrations
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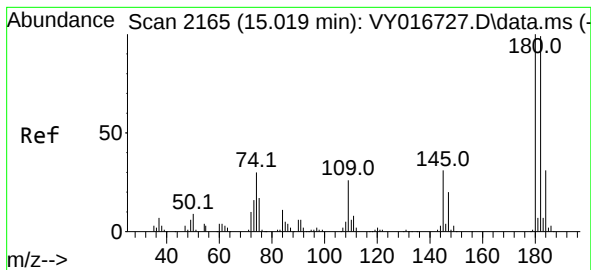
Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.152 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Tgt Ion: 75 Resp: 7841
Ion Ratio Lower Upper
75 100
155 84.6 42.1 126.3
157 108.9 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 45.414 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 6000

Ion Ratio Lower Upper

180 100

182 92.7 47.9 143.7

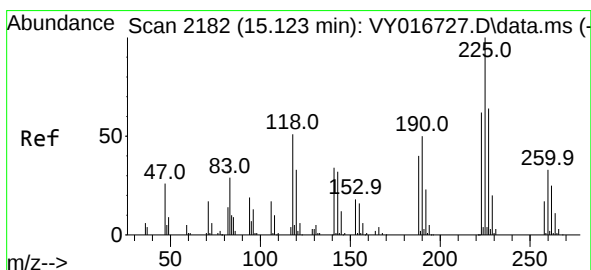
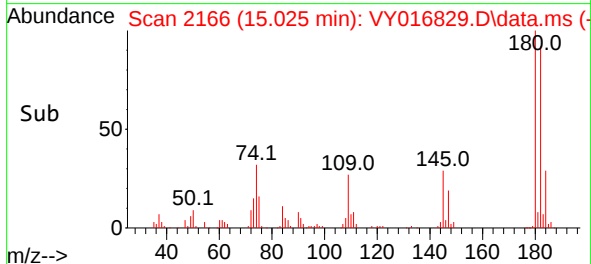
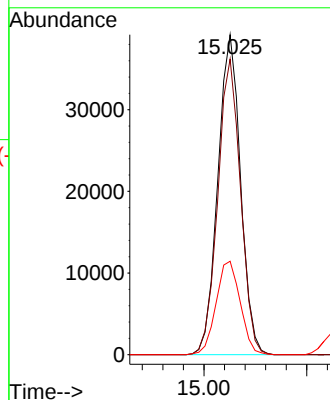
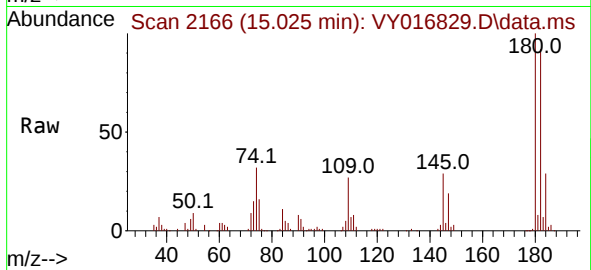
145 31.1 15.9 47.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/26/2023

Supervised By :Semsettin Yesilyurt 12/26/2023



#94

Hexachlorobutadiene

Concen: 47.160 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

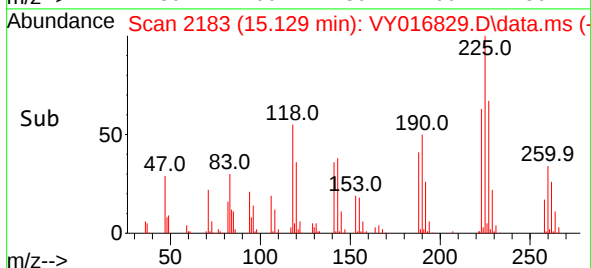
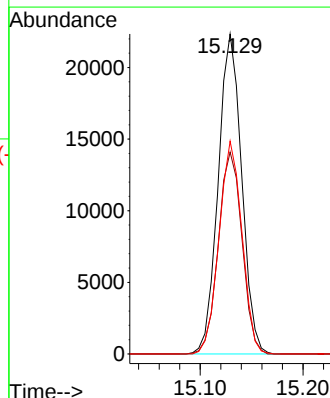
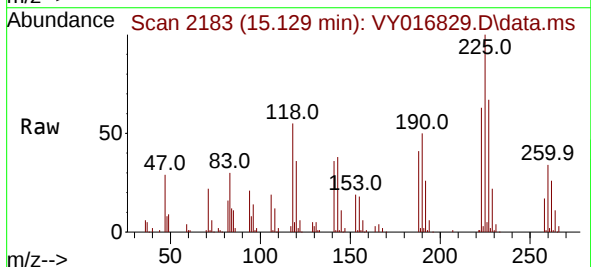
Tgt Ion:225 Resp: 35391

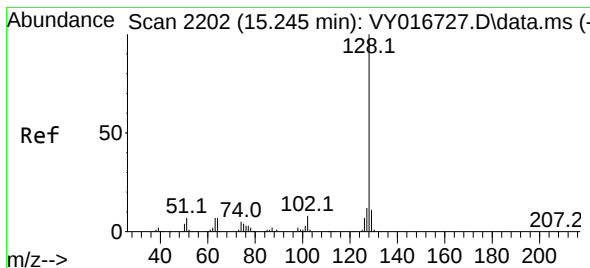
Ion Ratio Lower Upper

225 100

223 63.6 31.4 94.3

227 65.0 32.3 96.8





#95

Naphthalene

Concen: 39.113 ug/l

RT: 15.257 min Scan# 2204

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 108849

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

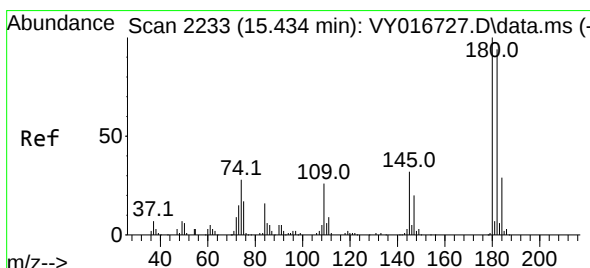
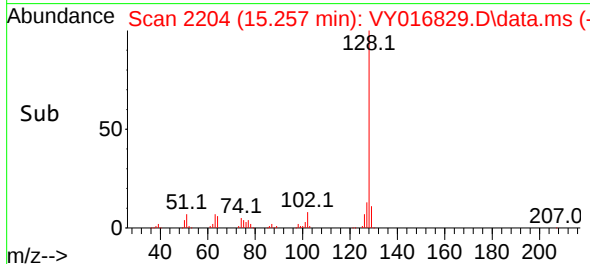
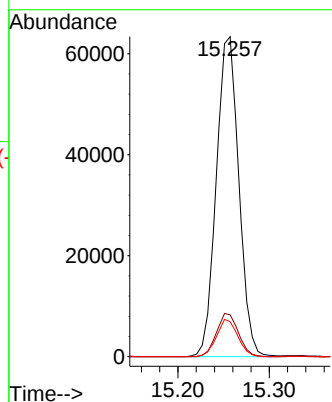
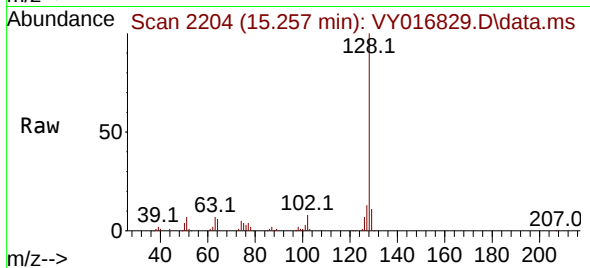
129 11.0 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/26/2023

Supervised By :Semsettin Yesilyurt 12/26/2023



#96

1,2,3-Trichlorobenzene

Concen: 44.672 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Tgt Ion:180 Resp: 50268

Ion Ratio Lower Upper

180 100

182 93.6 46.3 138.8

145 32.7 16.1 48.2

