

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016776.D
 Acq On : 21 Dec 2023 23:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 22 00:47:23 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	148185	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	261139	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	225934	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	96390	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	74525	55.091	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.180%	
35) Dibromofluoromethane	7.746	113	78674	52.594	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.180%	
50) Toluene-d8	10.203	98	288745	53.546	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.100%	
62) 4-Bromofluorobenzene	12.501	95	92207	52.706	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.420%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	53338	42.119	ug/l	96
3) Chloromethane	2.125	50	94444	48.518	ug/l	99
4) Vinyl Chloride	2.265	62	105903	48.166	ug/l	100
5) Bromomethane	2.674	94	79918	51.033	ug/l	97
6) Chloroethane	2.814	64	73014	49.007	ug/l	100
7) Trichlorofluoromethane	3.149	101	119081	46.492	ug/l	99
8) Diethyl Ether	3.552	74	41906	51.145	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.930	101	74215	47.235	ug/l	99
10) Methyl Iodide	4.125	142	80834	49.372	ug/l	99
11) Tert butyl alcohol	4.997	59	24144	217.680	ug/l	98
12) 1,1-Dichloroethene	3.899	96	68907	49.256	ug/l	94
13) Acrolein	3.759	56	18312	213.980	ug/l	100
14) Allyl chloride	4.515	41	113929	53.170	ug/l	99
15) Acrylonitrile	5.198	53	92008	265.162	ug/l	99
16) Acetone	3.979	43	74301	203.116	ug/l	99
17) Carbon Disulfide	4.229	76	193323	50.788	ug/l	100
18) Methyl Acetate	4.509	43	85226	59.617	ug/l	98
19) Methyl tert-butyl Ether	5.253	73	187883	52.196	ug/l	100
20) Methylene Chloride	4.753	84	93154	50.787	ug/l	98
21) trans-1,2-Dichloroethene	5.259	96	83694	52.456	ug/l	97
22) Diisopropyl ether	6.155	45	269547	55.604	ug/l	95
23) Vinyl Acetate	6.094	43	565570	246.681	ug/l	99
24) 1,1-Dichloroethane	6.057	63	156383	53.702	ug/l	99
25) 2-Butanone	7.021	43	114587	227.515	ug/l	96
26) 2,2-Dichloropropane	7.015	77	122315	48.133	ug/l	100
27) cis-1,2-Dichloroethene	7.021	96	98489	53.636	ug/l	99
28) Bromochloromethane	7.362	49	62716	54.414	ug/l	99
29) Tetrahydrofuran	7.380	42	74693	271.224	ug/l	98
30) Chloroform	7.539	83	159877	53.631	ug/l	99
31) Cyclohexane	7.813	56	121908	47.035	ug/l	97
32) 1,1,1-Trichloroethane	7.734	97	133349	50.960	ug/l	99
36) 1,1-Dichloropropene	7.947	75	115849	48.308	ug/l	99
37) Ethyl Acetate	7.106	43	50075	48.716	ug/l	99
38) Carbon Tetrachloride	7.929	117	112015	47.203	ug/l	98
39) Methylcyclohexane	9.209	83	132848	47.981	ug/l	98
40) Benzene	8.185	78	357233	51.190	ug/l	99

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Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	27072	49.606	ug/l	92
42) 1,2-Dichloroethane	8.264	62	94182	51.729	ug/l	100
43) Isopropyl Acetate	8.301	43	98530	49.354	ug/l	99
44) Trichloroethene	8.965	130	88416	49.639	ug/l	100
45) 1,2-Dichloropropane	9.240	63	88943	50.809	ug/l	98
46) Dibromomethane	9.331	93	46241	51.132	ug/l	98
47) Bromodichloromethane	9.520	83	122050	51.205	ug/l	95
48) Methyl methacrylate	9.319	41	54882	49.464	ug/l	94
49) 1,4-Dioxane	9.325	88	9352	1065.457	ug/l	96
51) 4-Methyl-2-Pentanone	10.093	43	271511	255.253	ug/l	100
52) Toluene	10.270	92	216436	51.754	ug/l	100
53) t-1,3-Dichloropropene	10.490	75	110932	51.040	ug/l	96
54) cis-1,3-Dichloropropene	9.953	75	134667	51.368	ug/l	97
55) 1,1,2-Trichloroethane	10.666	97	65189	50.523	ug/l	99
56) Ethyl methacrylate	10.532	69	59590	52.521	ug/l	98
57) 1,3-Dichloropropane	10.813	76	112201	51.196	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.807	63	180211	295.255	ug/l	98
59) 2-Hexanone	10.855	43	181502	228.836	ug/l	100
60) Dibromochloromethane	11.008	129	76034	50.940	ug/l	99
61) 1,2-Dibromoethane	11.111	107	59309	51.256	ug/l	99
64) Tetrachloroethene	10.746	164	69416	49.460	ug/l	98
65) Chlorobenzene	11.538	112	223955	50.452	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.611	131	84033	50.314	ug/l	99
67) Ethyl Benzene	11.611	91	412320	50.465	ug/l	100
68) m/p-Xylenes	11.721	106	307598	101.952	ug/l	99
69) o-Xylene	12.050	106	144254	52.117	ug/l	98
70) Styrene	12.062	104	212726	51.938	ug/l	100
71) Bromoform	12.227	173	41943	50.372	ug/l #	99
73) Isopropylbenzene	12.349	105	386121	51.435	ug/l	100
74) N-amyl acetate	12.160	43	79358	50.371	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	73657	49.100	ug/l	100
76) 1,2,3-Trichloropropane	12.654	75	52155m	48.947	ug/l	
77) Bromobenzene	12.629	156	82741	50.522	ug/l	98
78) n-propylbenzene	12.690	91	464315	51.050	ug/l	100
79) 2-Chlorotoluene	12.776	91	256810	51.027	ug/l	99
80) 1,3,5-Trimethylbenzene	12.831	105	308515	51.917	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.398	75	21497	47.379	ug/l	98
82) 4-Chlorotoluene	12.873	91	264438	51.216	ug/l	99
83) tert-Butylbenzene	13.093	119	265603	51.385	ug/l	99
84) 1,2,4-Trimethylbenzene	13.142	105	305369	52.114	ug/l	99
85) sec-Butylbenzene	13.270	105	388368	50.727	ug/l	100
86) p-Isopropyltoluene	13.385	119	323886	50.798	ug/l	100
87) 1,3-Dichlorobenzene	13.385	146	160464	50.137	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	155420	49.731	ug/l	99
89) n-Butylbenzene	13.715	91	313369	51.415	ug/l	100
90) Hexachloroethane	13.977	117	67104	50.544	ug/l	98
91) 1,2-Dichlorobenzene	13.757	146	139608	51.203	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	9366	48.164	ug/l	95
93) 1,2,4-Trichlorobenzene	15.025	180	72473	50.093	ug/l	98
94) Hexachlorobutadiene	15.129	225	40245	48.976	ug/l	98
95) Naphthalene	15.257	128	140133	45.354	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	61358	49.797	ug/l	99

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VSTDCCC050

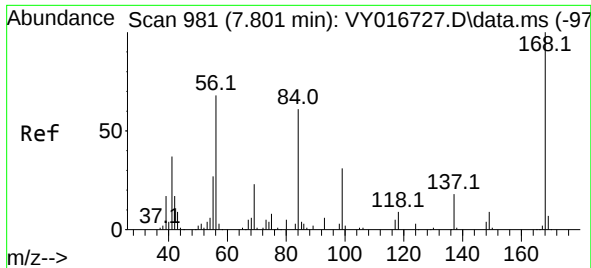
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 12/22/2023

Quant Time: Dec 22 00:47:23 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

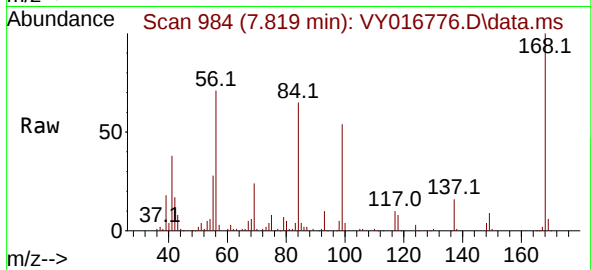
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 981
Delta R.T. 0.018 min
Lab File: VY016776.D
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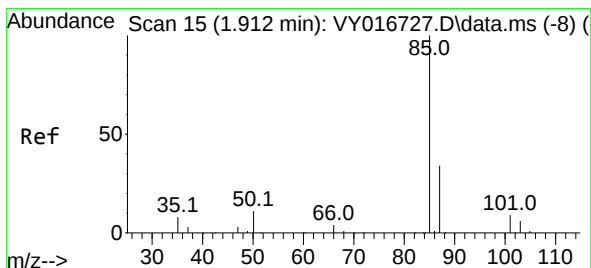
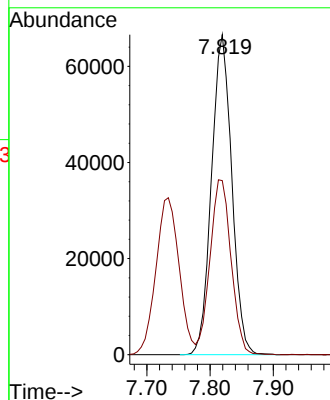
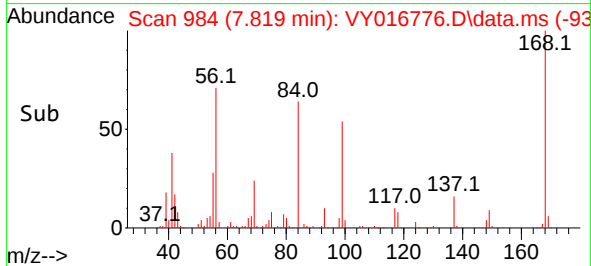
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 148185
Ion Ratio Lower Upper
168 100
99 54.4 44.2 66.4

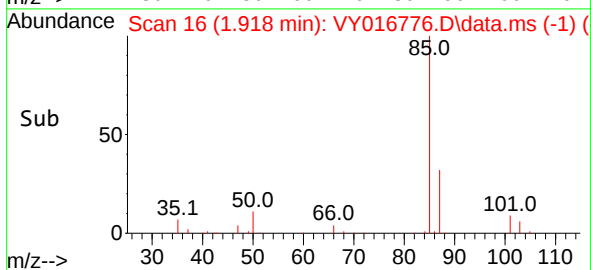
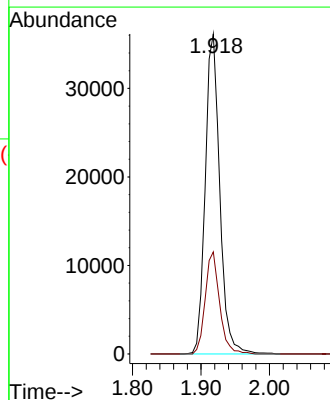
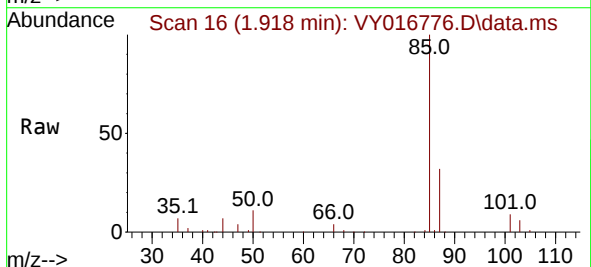
Manual Integrations
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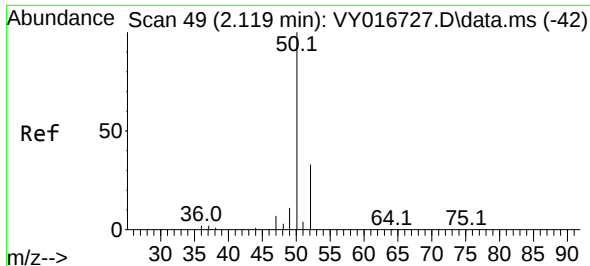
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#2
Dichlorodifluoromethane
Concen: 42.119 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

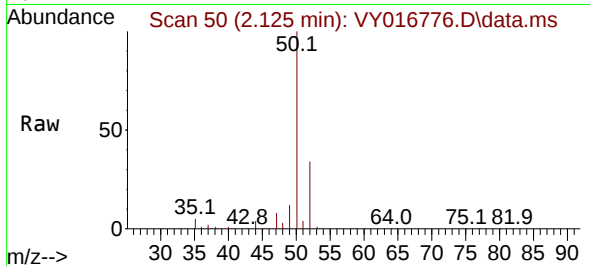
Tgt Ion: 85 Resp: 53338
Ion Ratio Lower Upper
85 100
87 31.9 17.1 51.3





#3
Chloromethane
Concen: 48.518 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

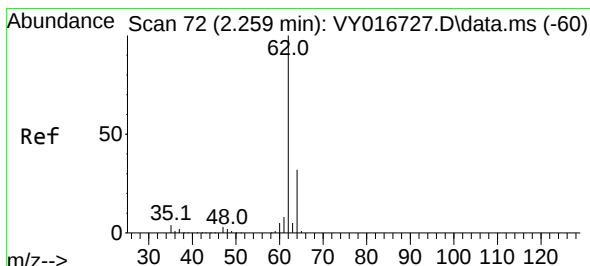
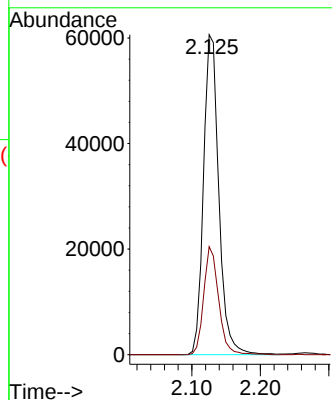
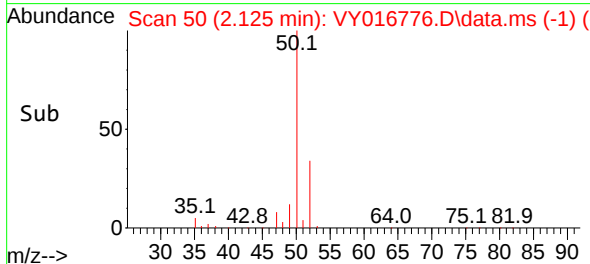
Instrument :
MSVOA_Y
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VSTDCCC050



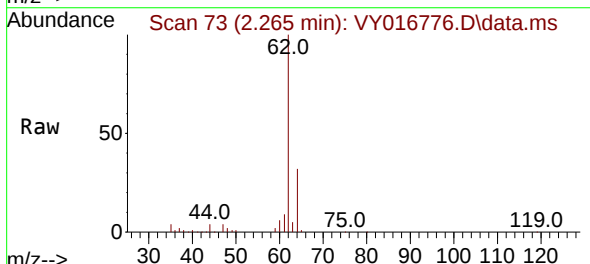
Tgt Ion: 50 Resp: 9444
Ion Ratio Lower Upper
50 100
52 33.7 26.7 40.1

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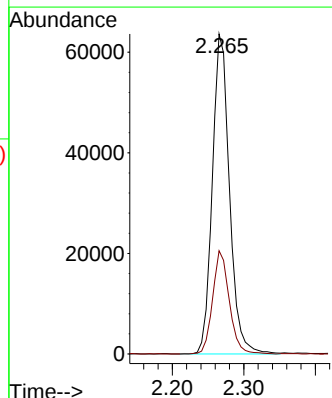
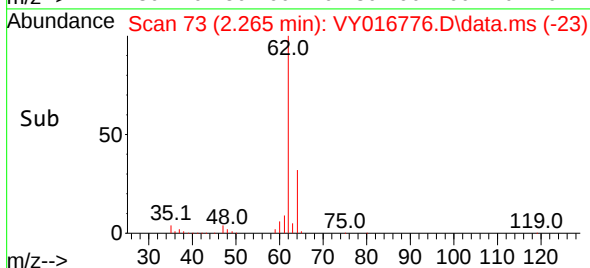
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

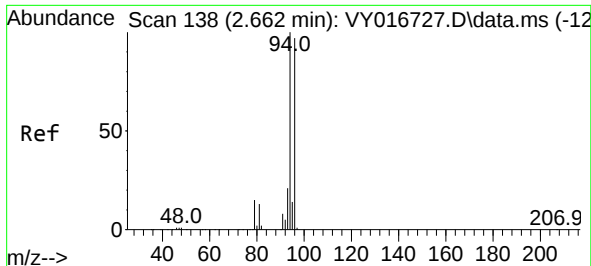


#4
Vinyl Chloride
Concen: 48.166 ug/l
RT: 2.265 min Scan# 73
Delta R.T. 0.006 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34



Tgt Ion: 62 Resp: 105903
Ion Ratio Lower Upper
62 100
64 32.2 25.7 38.5





#5

Bromomethane

Concen: 51.033 ug/l

RT: 2.674 min Scan# 14

Delta R.T. 0.012 min

Lab File: VY016776.D

Acq: 21 Dec 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 79918

Ion Ratio Lower Upper

94 100

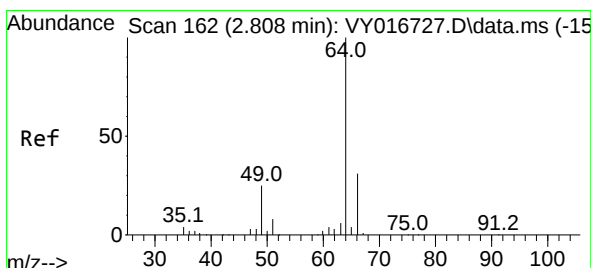
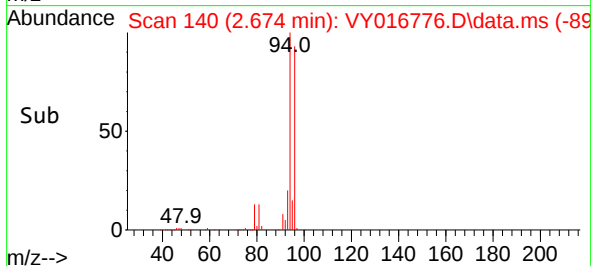
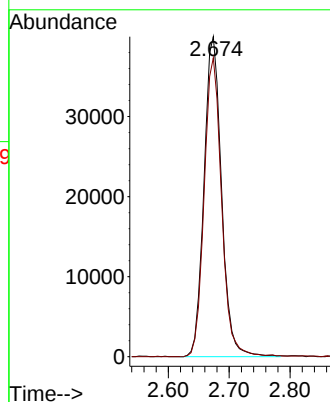
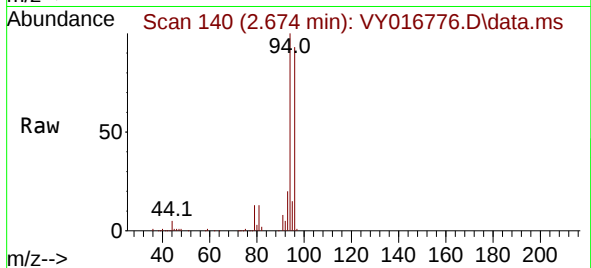
96 93.4 77.3 115.9

Manual Integrations

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Supervised By :Semsettin Yesilyurt 12/22/2023



#6

Chloroethane

Concen: 49.007 ug/l

RT: 2.814 min Scan# 163

Delta R.T. 0.006 min

Lab File: VY016776.D

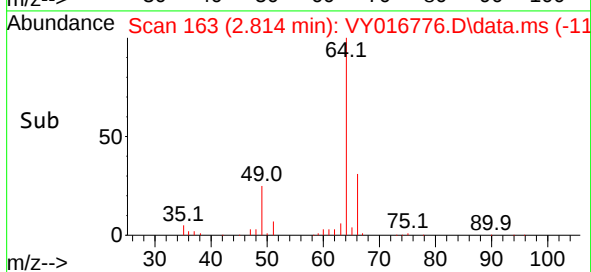
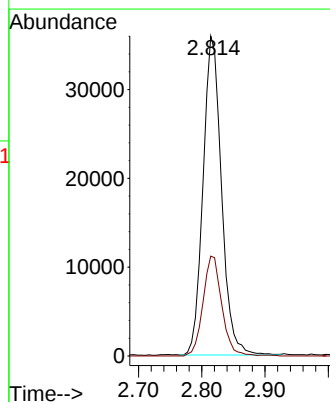
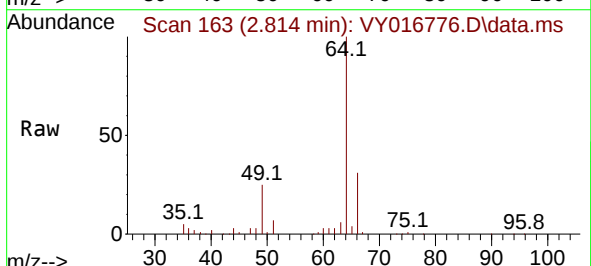
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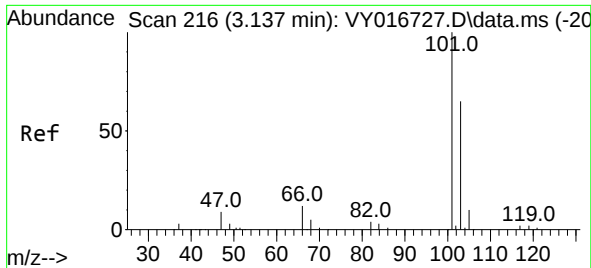
Tgt Ion: 64 Resp: 73014

Ion Ratio Lower Upper

64 100

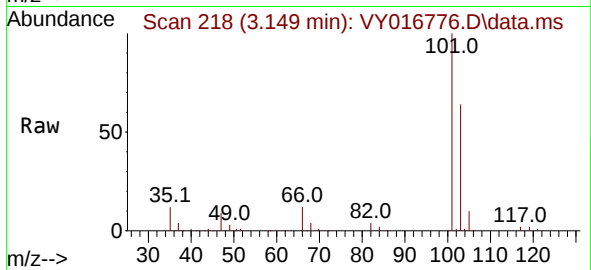
66 31.3 25.1 37.7





#7
Trichlorofluoromethane
Concen: 46.492 ug/l
RT: 3.149 min Scan# 216
Delta R.T. 0.012 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

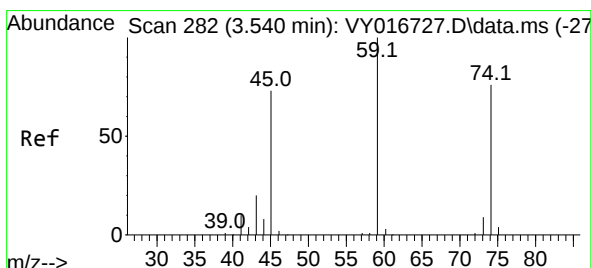
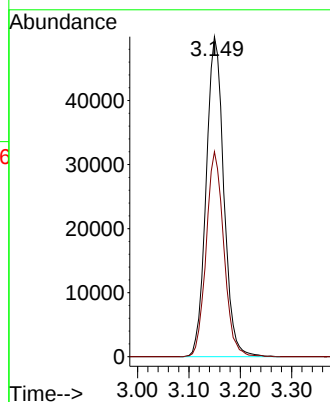
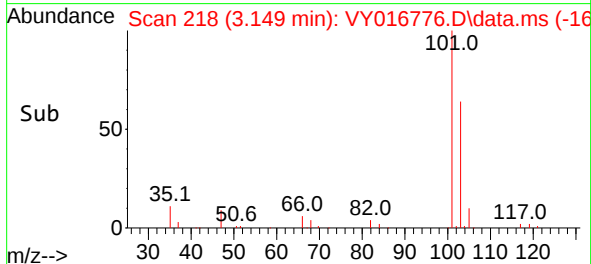
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



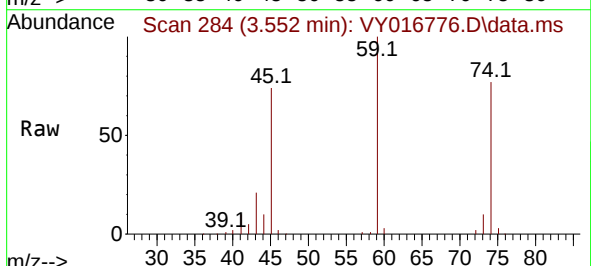
Tgt Ion:101 Resp: 11908
Ion Ratio Lower Upper
101 100
103 64.0 51.9 77.9

Manual Integrations
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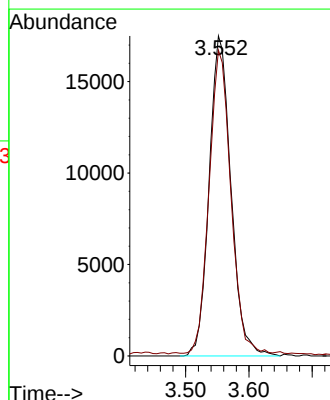
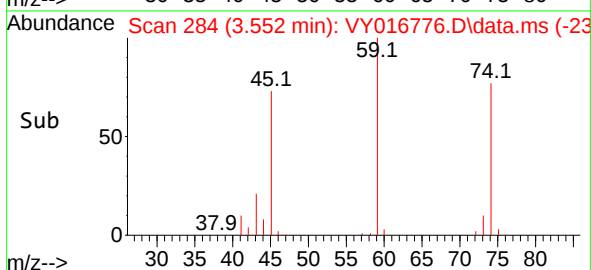
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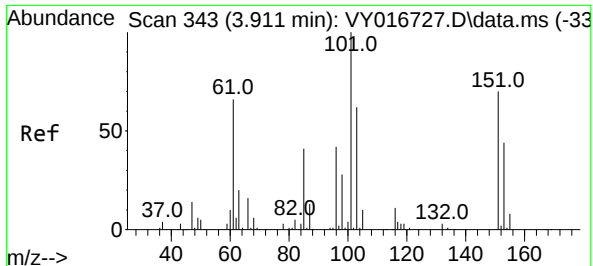


#8
Diethyl Ether
Concen: 51.145 ug/l
RT: 3.552 min Scan# 284
Delta R.T. 0.012 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34



Tgt Ion: 74 Resp: 41906
Ion Ratio Lower Upper
74 100
45 93.8 47.9 143.7





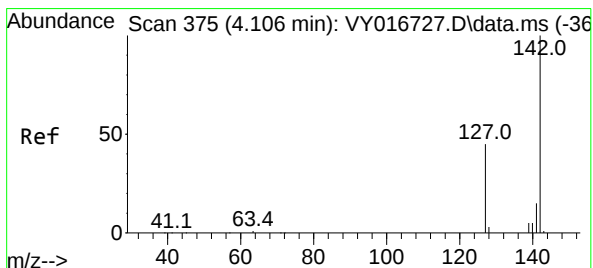
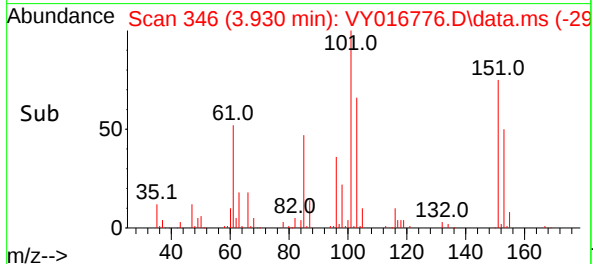
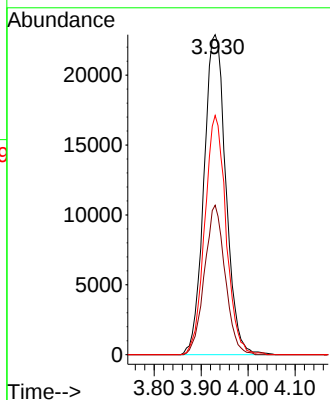
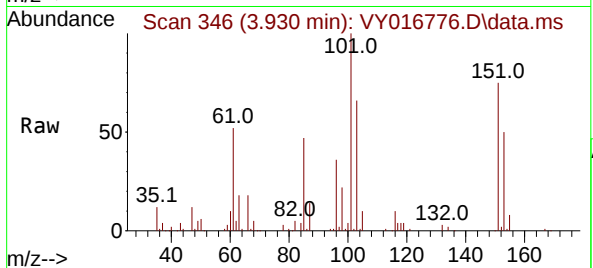
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.235 ug/l
RT: 3.930 min Scan# 343
Delta R.T. 0.018 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 74215
Ion Ratio Lower Upper
101 100
85 44.0 35.8 53.6
151 72.5 58.6 88.0

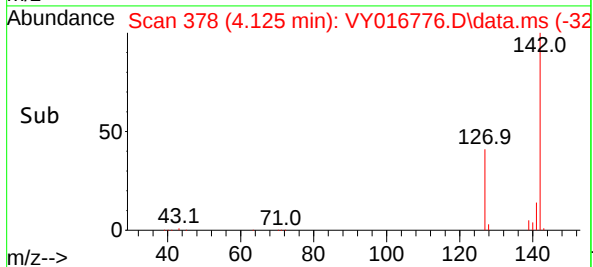
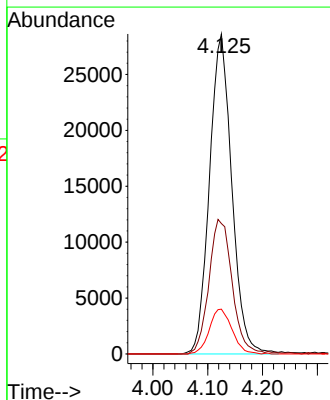
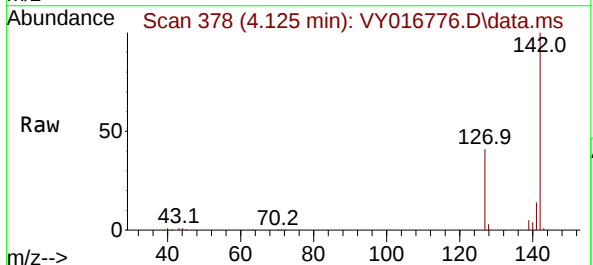
Manual Integrations
APPROVED

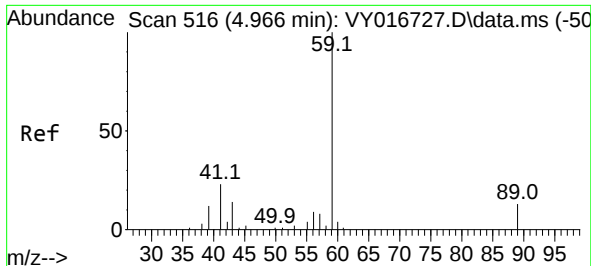
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#10
Methyl Iodide
Concen: 49.372 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.018 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

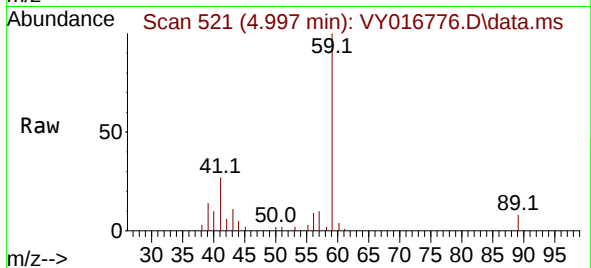
Tgt Ion:142 Resp: 80834
Ion Ratio Lower Upper
142 100
127 43.7 35.1 52.7
141 14.2 11.8 17.6





#11
Tert butyl alcohol
Concen: 217.680 ug/l
RT: 4.997 min Scan# 516
Delta R.T. 0.031 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

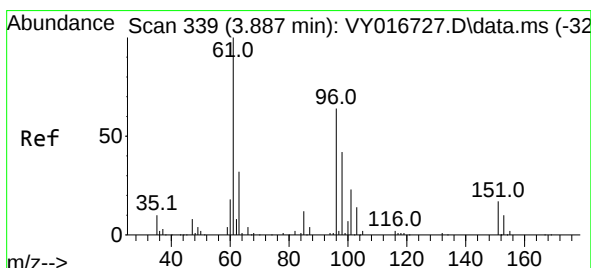
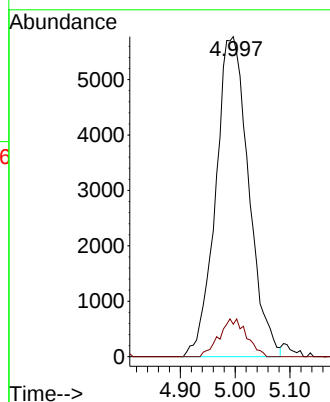
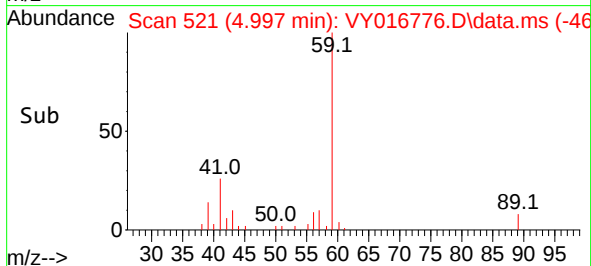
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 24144
Ion Ratio Lower Upper
59 100
57 9.8 7.4 11.0

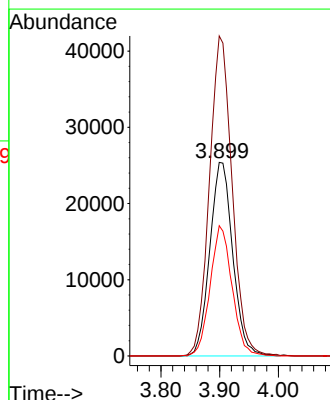
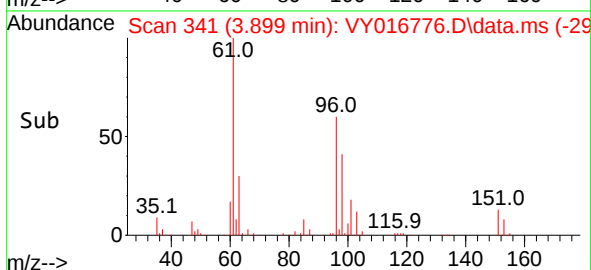
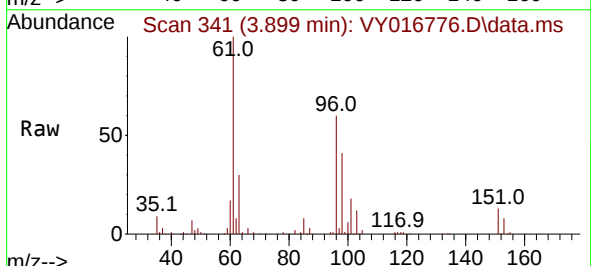
Manual Integrations
APPROVED

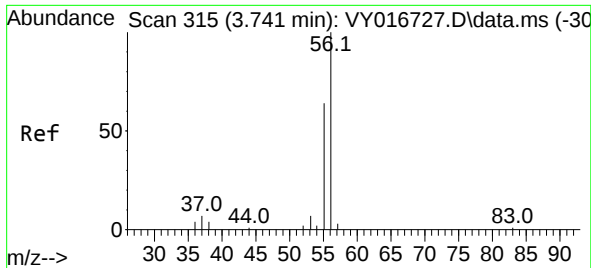
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#12
1,1-Dichloroethene
Concen: 49.256 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

Tgt Ion: 96 Resp: 68907
Ion Ratio Lower Upper
96 100
61 165.3 124.2 186.2
98 67.3 52.6 79.0





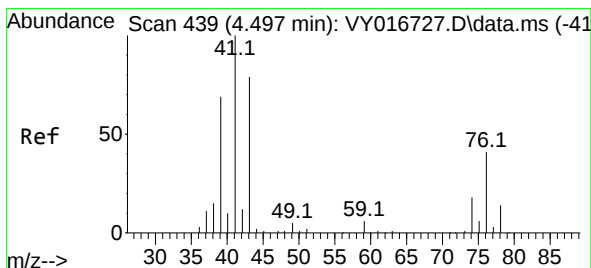
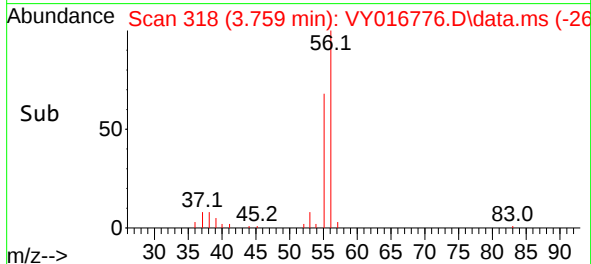
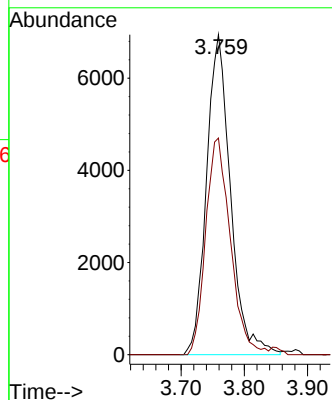
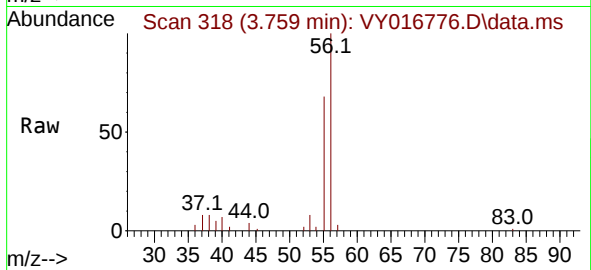
#13
Acrolein
Concen: 213.980 ug/l
RT: 3.759 min Scan# 315
Delta R.T. 0.018 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 18312
Ion Ratio Lower Upper
56 100
55 69.5 55.4 83.0

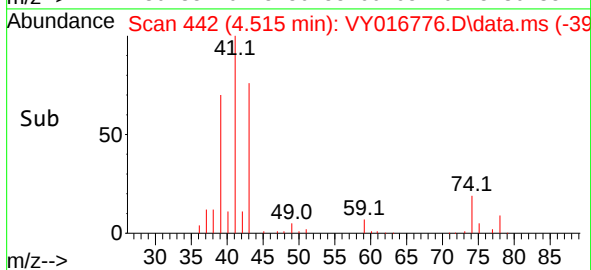
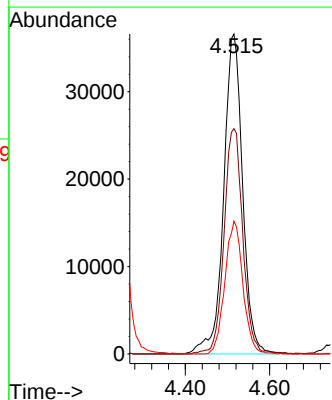
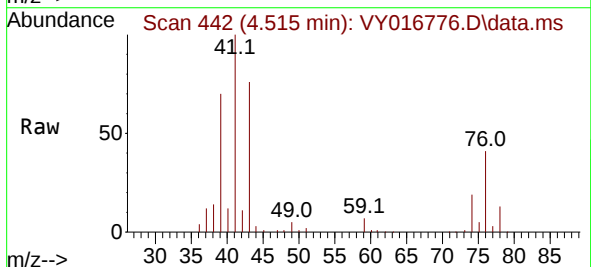
Manual Integrations
APPROVED

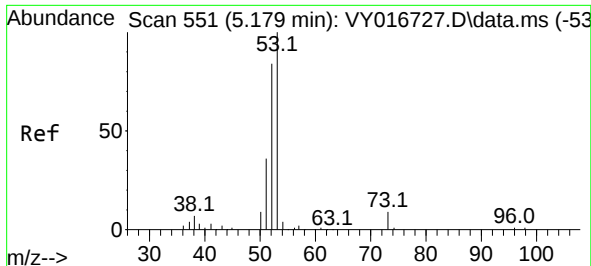
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#14
Allyl chloride
Concen: 53.170 ug/l
RT: 4.515 min Scan# 442
Delta R.T. 0.018 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

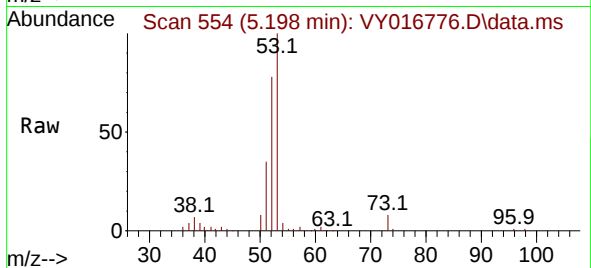
Tgt Ion: 41 Resp: 113929
Ion Ratio Lower Upper
41 100
39 69.7 54.7 82.1
76 39.6 31.8 47.6





#15
Acrylonitrile
Concen: 265.162 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

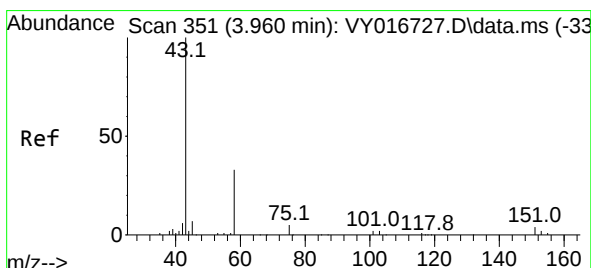
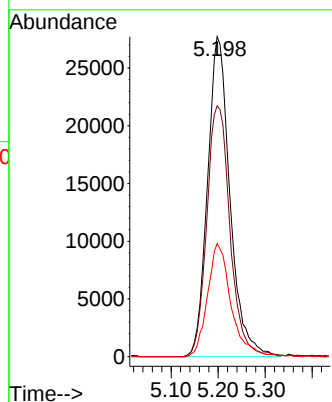
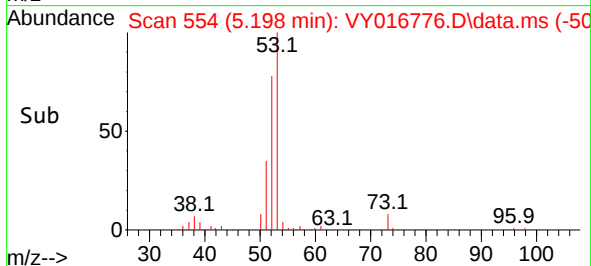
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 92008
Ion Ratio Lower Upper
53 100
52 81.1 65.1 97.7
51 36.9 29.0 43.4

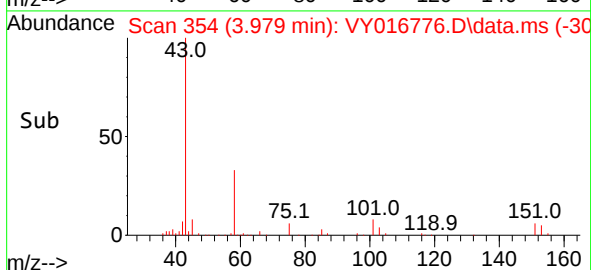
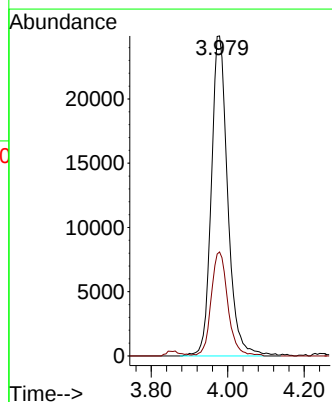
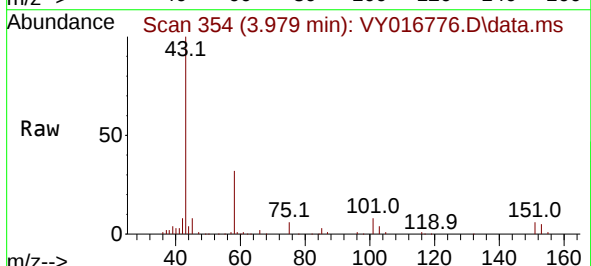
Manual Integrations
APPROVED

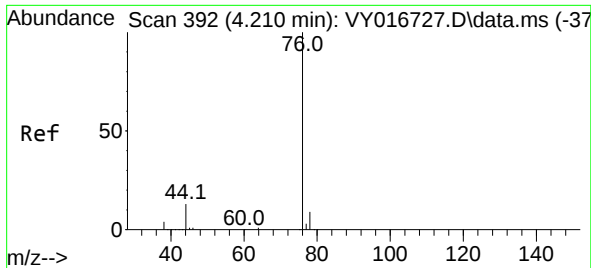
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#16
Acetone
Concen: 203.116 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.019 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

Tgt Ion: 43 Resp: 74301
Ion Ratio Lower Upper
43 100
58 32.5 26.6 39.8





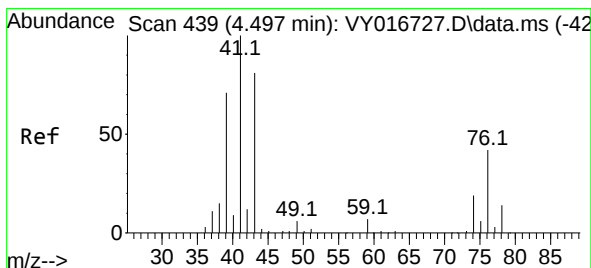
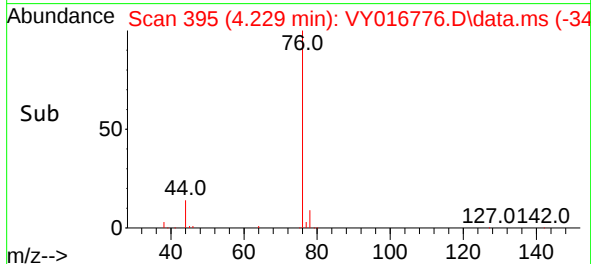
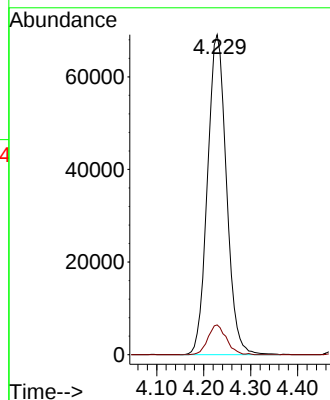
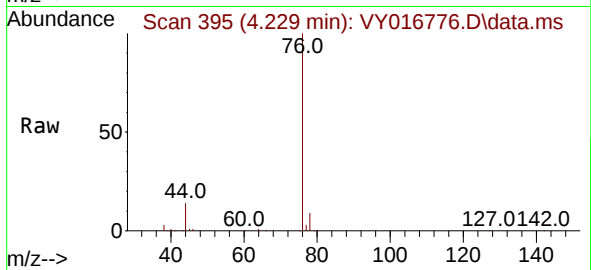
#17
Carbon Disulfide
Concen: 50.788 ug/l
RT: 4.229 min Scan# 392
Delta R.T. 0.019 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 19332
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

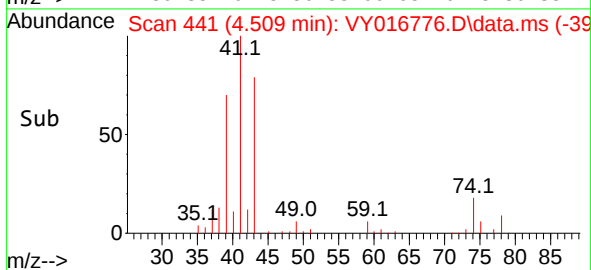
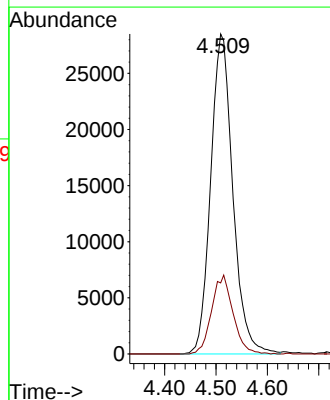
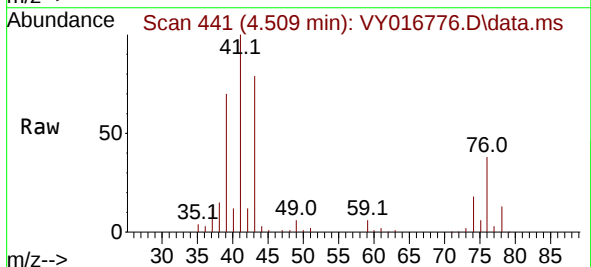
Manual Integrations
APPROVED

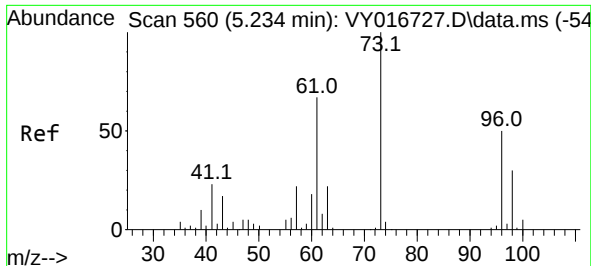
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#18
Methyl Acetate
Concen: 59.617 ug/l
RT: 4.509 min Scan# 441
Delta R.T. 0.012 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

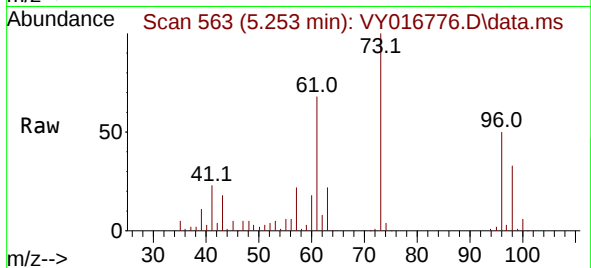
Tgt Ion: 43 Resp: 85226
Ion Ratio Lower Upper
43 100
74 23.8 19.8 29.6





#19
Methyl tert-butyl Ether
Concen: 52.196 ug/l
RT: 5.253 min Scan# 50
Delta R.T. 0.018 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

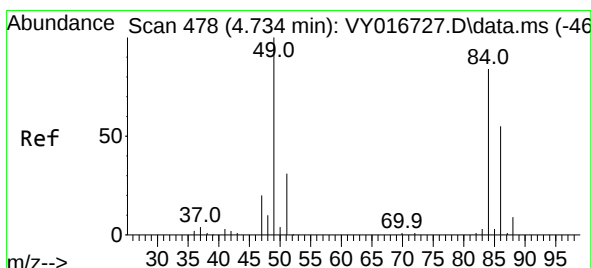
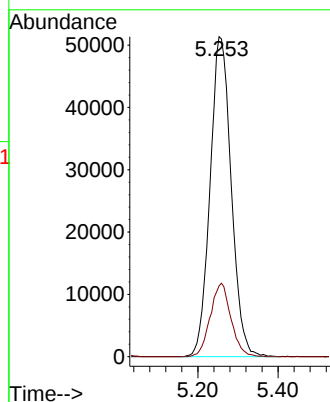
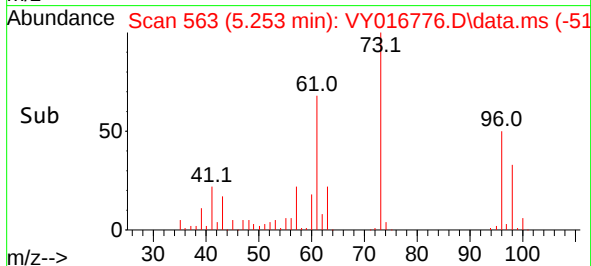
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 18788
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

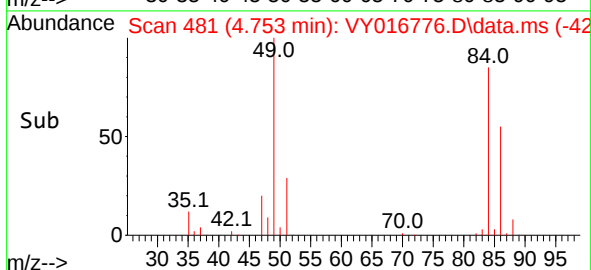
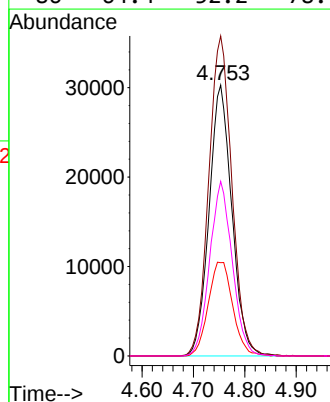
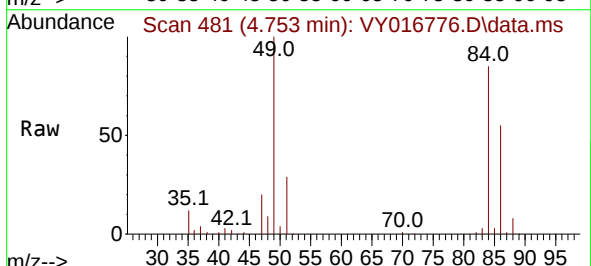
Manual Integrations
APPROVED

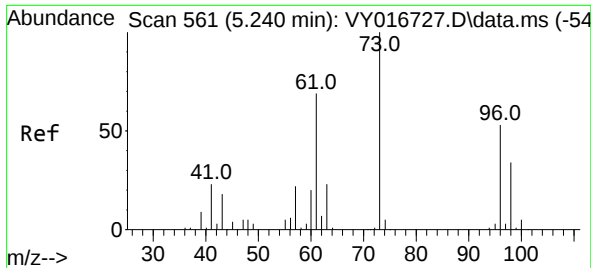
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#20
Methylene Chloride
Concen: 50.787 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.019 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

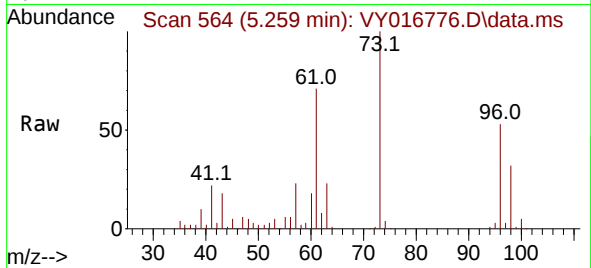
Tgt Ion: 84 Resp: 93154
Ion Ratio Lower Upper
84 100
49 118.1 95.2 142.8
51 34.4 29.9 44.9
86 64.4 52.2 78.4





#21
trans-1,2-Dichloroethene
Concen: 52.456 ug/l
RT: 5.259 min Scan# 501
Delta R.T. 0.018 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

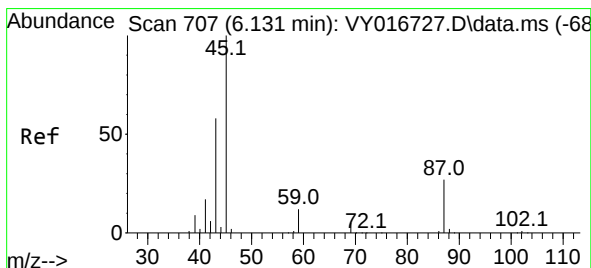
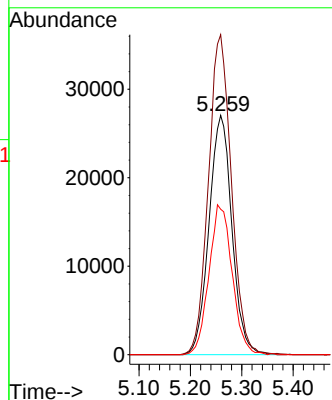
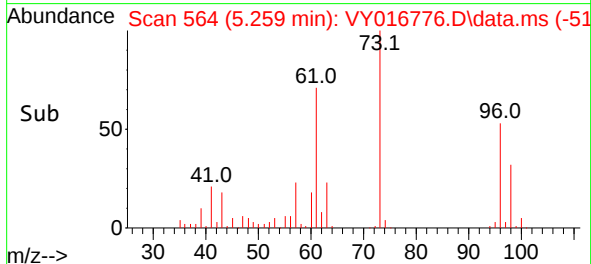
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



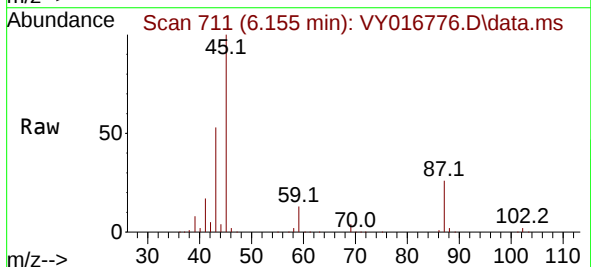
Tgt Ion: 96 Resp: 83694
Ion Ratio Lower Upper
96 100
61 133.7 104.6 156.8
98 60.8 50.9 76.3

Manual Integrations
APPROVED

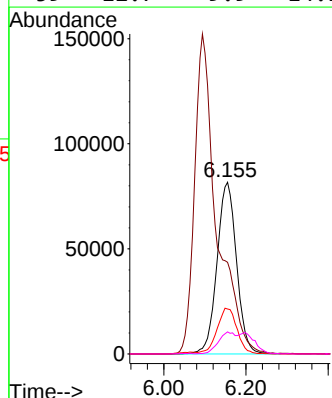
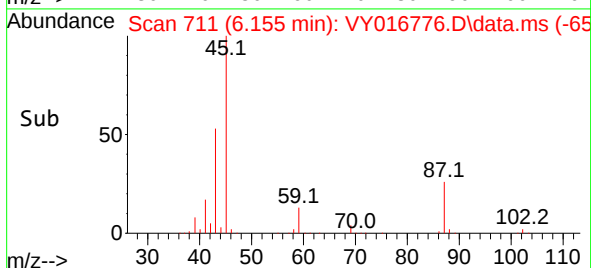
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

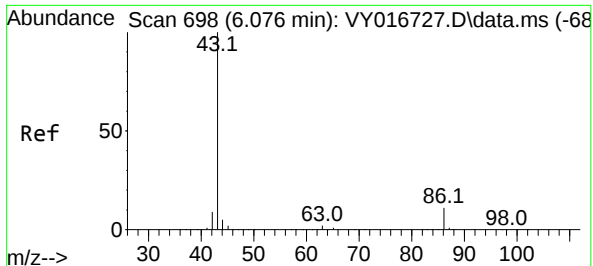


#22
Diisopropyl ether
Concen: 55.604 ug/l
RT: 6.155 min Scan# 711
Delta R.T. 0.024 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34



Tgt Ion: 45 Resp: 269547
Ion Ratio Lower Upper
45 100
43 53.0 46.8 70.2
87 26.2 22.2 33.2
59 12.7 9.9 14.9





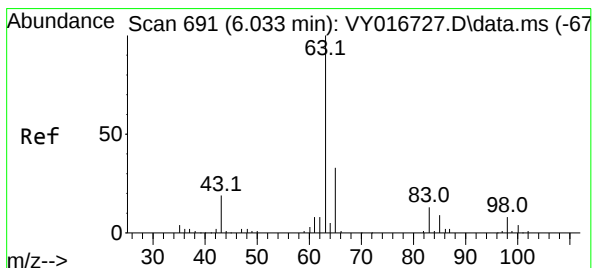
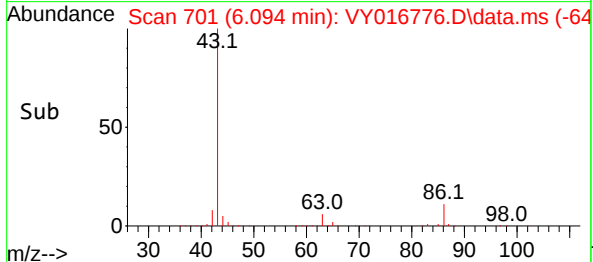
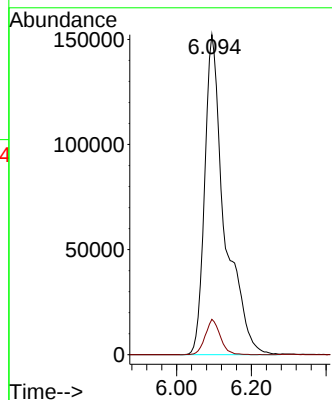
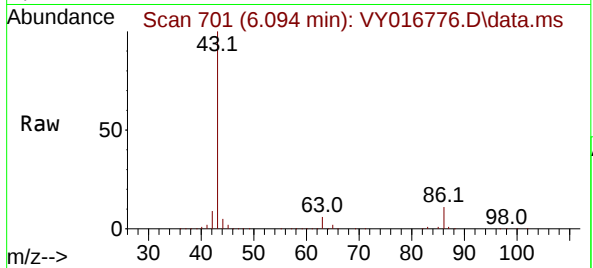
#23
 Vinyl Acetate
 Concen: 246.681 ug/l
 RT: 6.094 min Scan# 701
 Delta R.T. 0.018 min
 Lab File: VY016776.D
 Acq: 21 Dec 2023 23:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 565570
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0

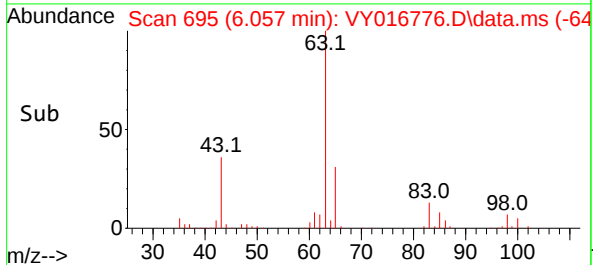
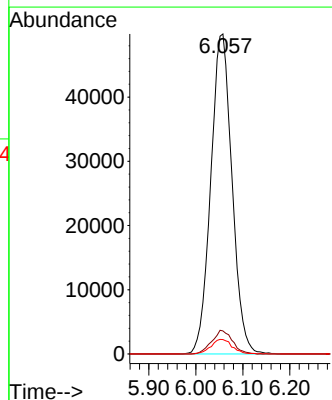
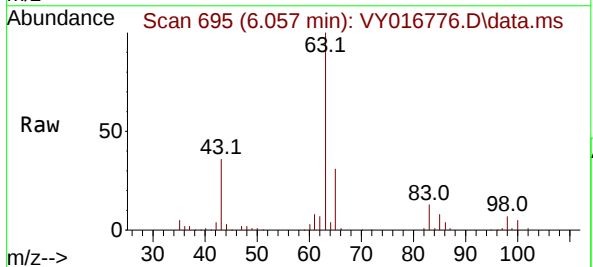
Manual Integrations
 APPROVED

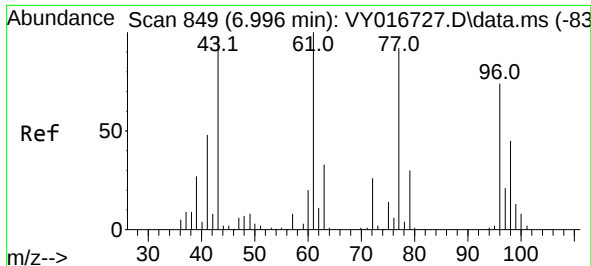
Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023



#24
 1,1-Dichloroethane
 Concen: 53.702 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.024 min
 Lab File: VY016776.D
 Acq: 21 Dec 2023 23:34

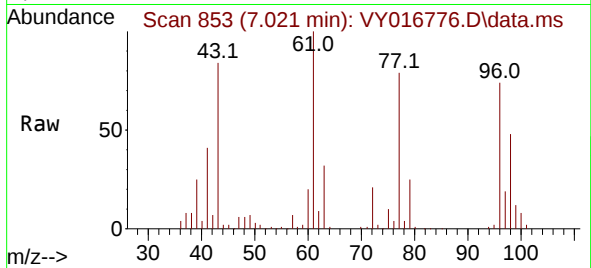
Tgt Ion: 63 Resp: 156383
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.4
 100 4.5 2.1 6.2





#25
2-Butanone
Concen: 227.515 ug/l
RT: 7.021 min Scan# 853
Delta R.T. 0.025 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

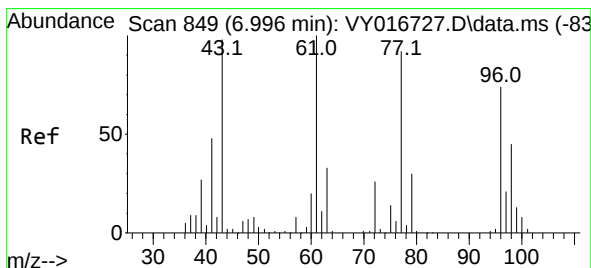
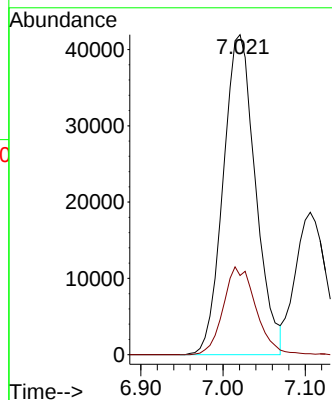
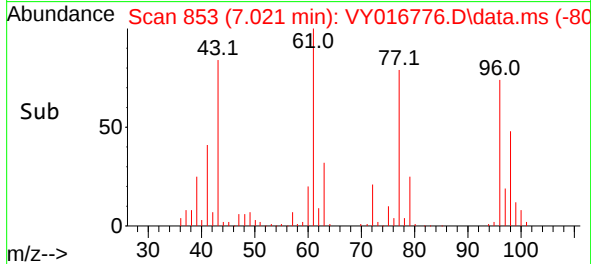
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



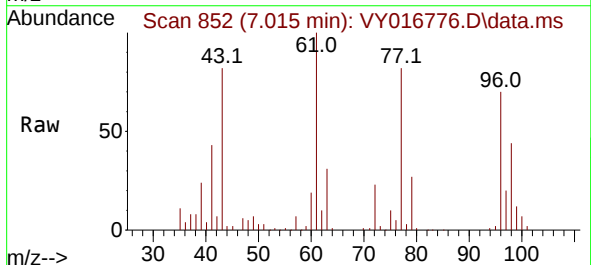
Tgt Ion: 43 Resp: 11458
Ion Ratio Lower Upper
43 100
72 24.7 21.4 32.2

Manual Integrations
APPROVED

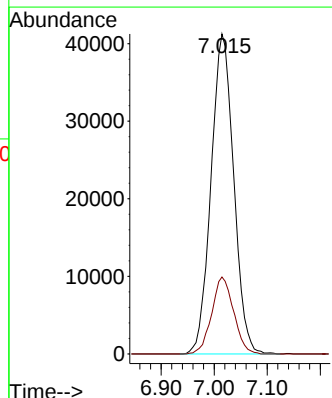
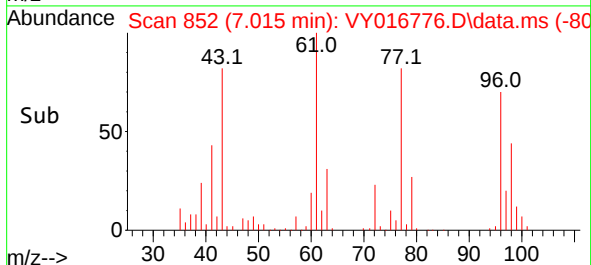
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

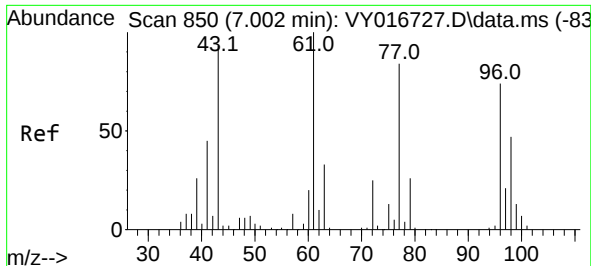


#26
2,2-Dichloropropane
Concen: 48.133 ug/l
RT: 7.015 min Scan# 852
Delta R.T. 0.018 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34



Tgt Ion: 77 Resp: 122315
Ion Ratio Lower Upper
77 100
97 23.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 53.636 ug/l

RT: 7.021 min Scan# 850

Delta R.T. 0.018 min

Lab File: VY016776.D

Acq: 21 Dec 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 98489

Ion Ratio Lower Upper

96 100

61 140.9 0.0 278.8

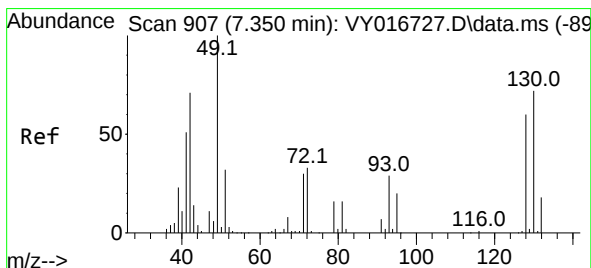
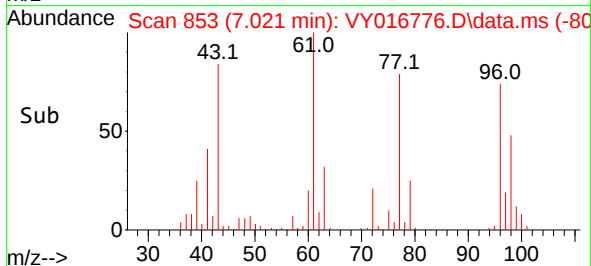
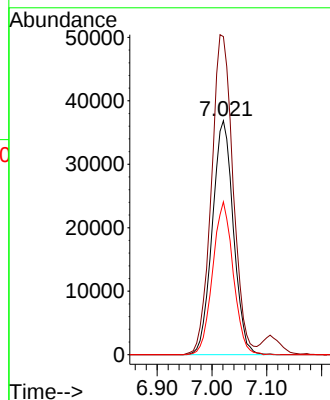
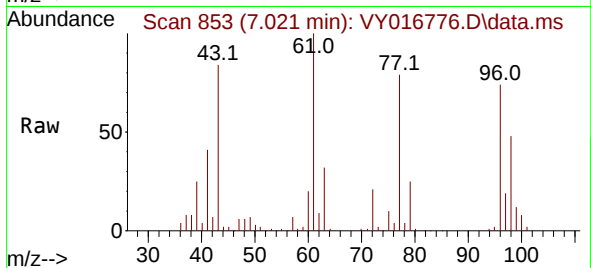
98 63.6 0.0 127.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#28

Bromochloromethane

Concen: 54.414 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.012 min

Lab File: VY016776.D

Acq: 21 Dec 2023 23:34

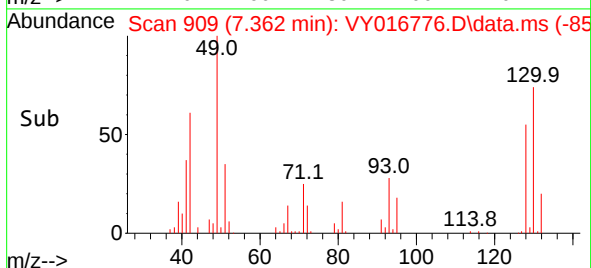
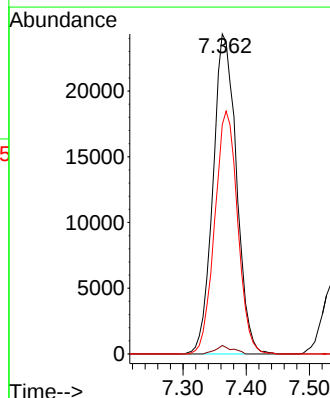
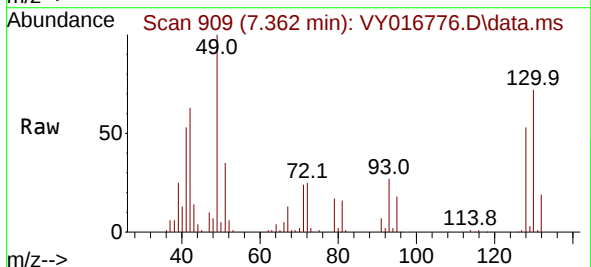
Tgt Ion: 49 Resp: 62716

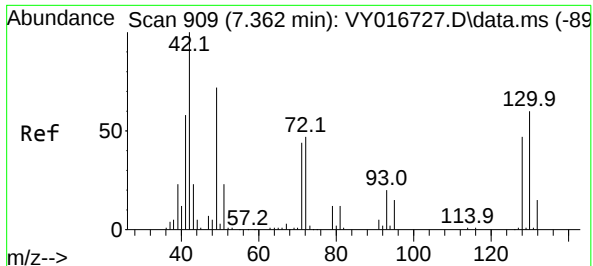
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 74.2 59.8 89.8





#29

Tetrahydrofuran

Concen: 271.224 ug/l

RT: 7.380 min Scan# 912

Delta R.T. 0.018 min

Lab File: VY016776.D

Acq: 21 Dec 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

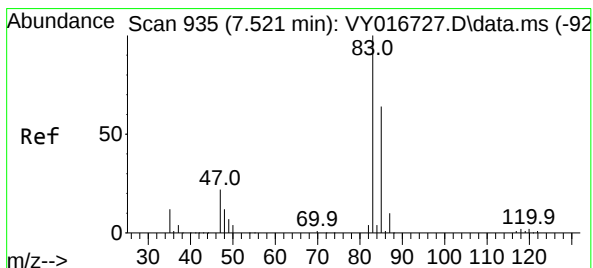
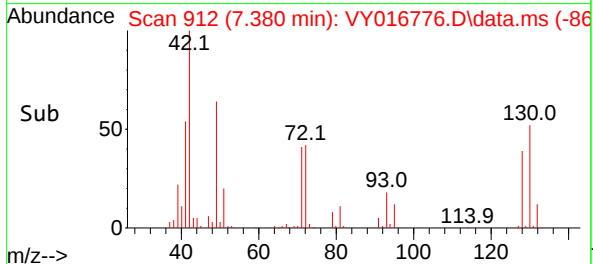
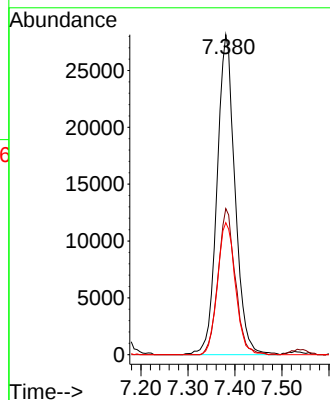
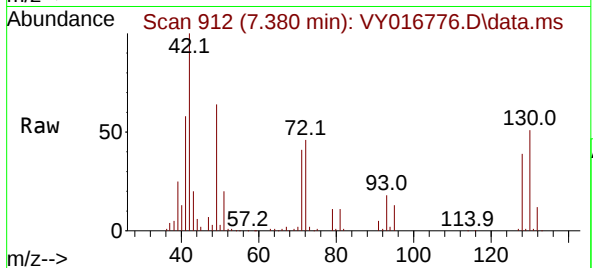
VSTDCCC050

Tgt Ion: 42	Resp: 7469
Ion Ratio	Lower Upper
42 100	
72 43.8	36.6 54.8
71 41.1	33.8 50.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#30

Chloroform

Concen: 53.631 ug/l

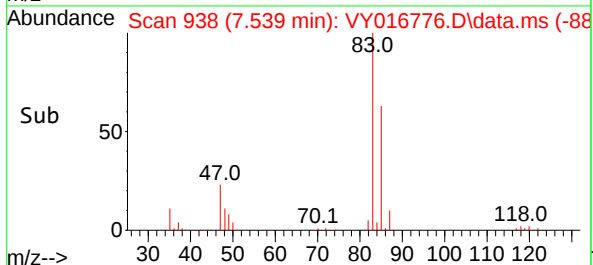
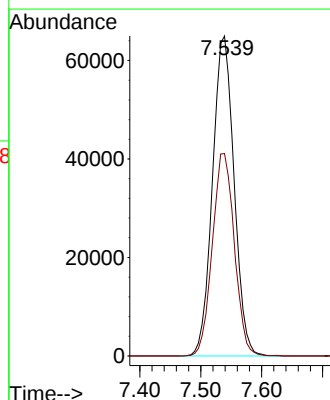
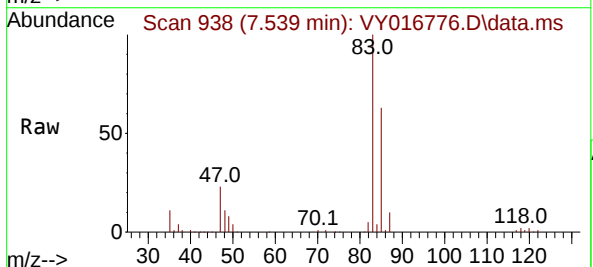
RT: 7.539 min Scan# 938

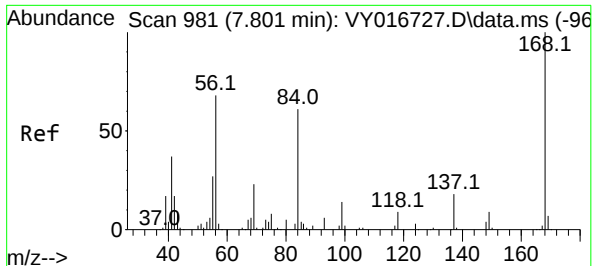
Delta R.T. 0.018 min

Lab File: VY016776.D

Acq: 21 Dec 2023 23:34

Tgt Ion: 83	Resp: 159877
Ion Ratio	Lower Upper
83 100	
85 63.3	51.2 76.8





#31

Cyclohexane

Concen: 47.035 ug/l

RT: 7.813 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY016776.D

Acq: 21 Dec 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 121908

Ion Ratio Lower Upper

56 100

69 33.2 27.0 40.6

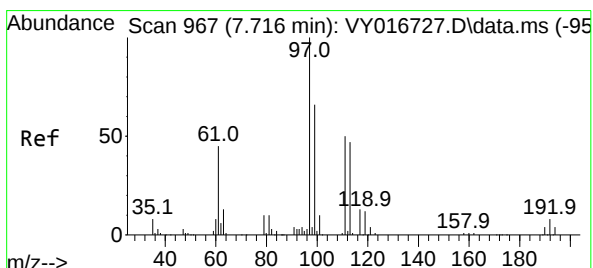
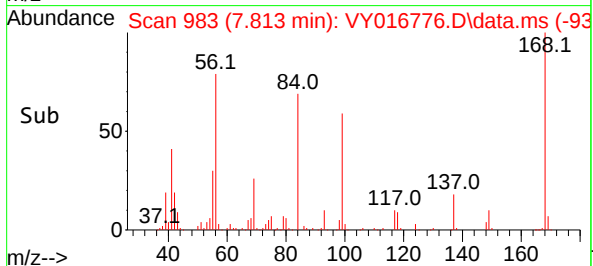
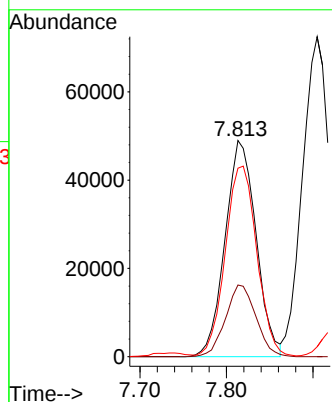
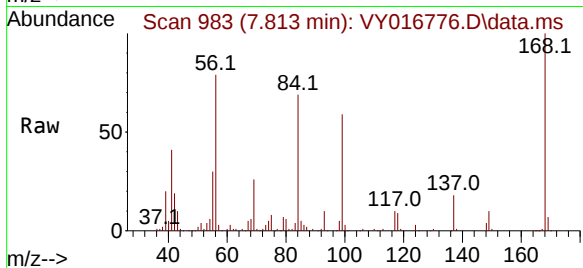
84 85.8 71.8 107.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#32

1,1,1-Trichloroethane

Concen: 50.960 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.018 min

Lab File: VY016776.D

Acq: 21 Dec 2023 23:34

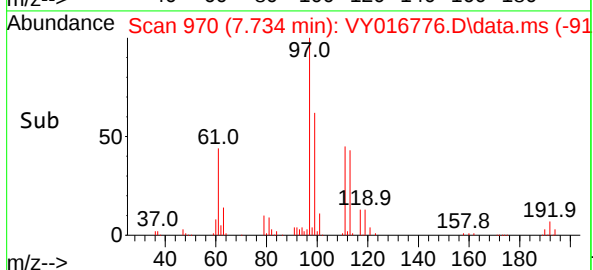
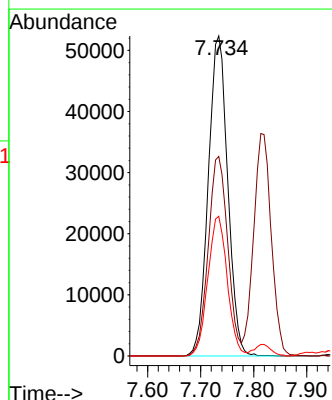
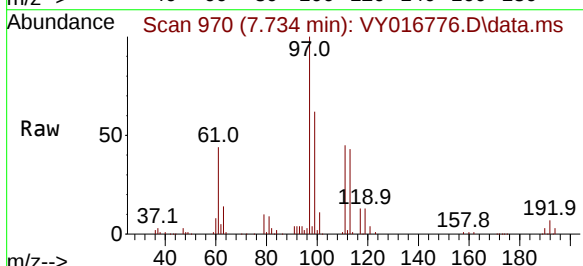
Tgt Ion: 97 Resp: 133349

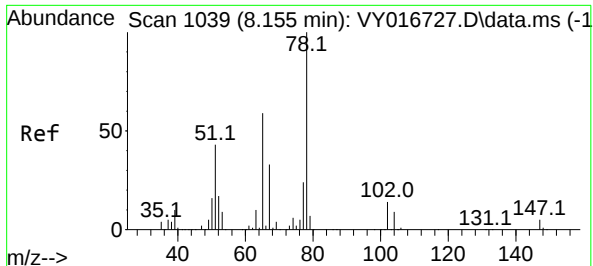
Ion Ratio Lower Upper

97 100

99 62.7 51.2 76.8

61 43.7 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 55.091 ug/l

RT: 8.167 min Scan# 1103

Delta R.T. 0.012 min

Lab File: VY016776.D

Acq: 21 Dec 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 7452

Ion Ratio Lower Upper

65 100

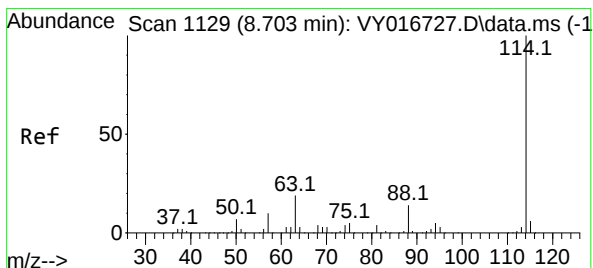
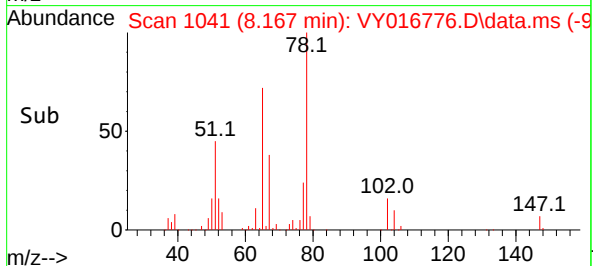
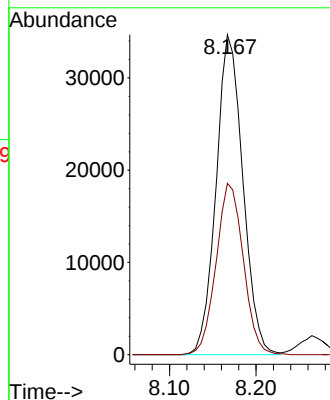
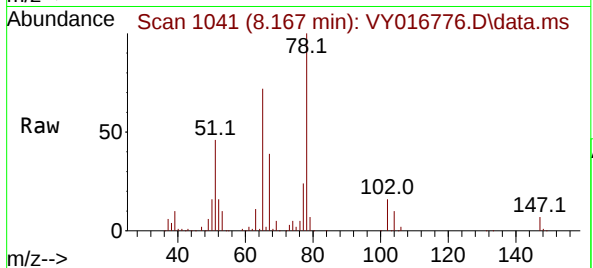
67 54.4 0.0 109.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.013 min

Lab File: VY016776.D

Acq: 21 Dec 2023 23:34

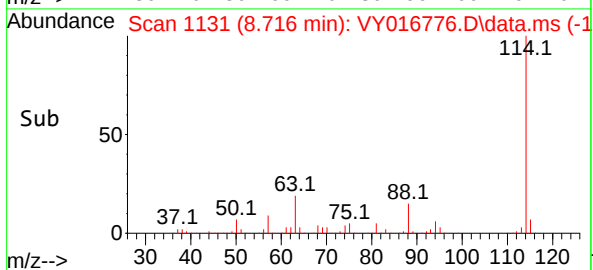
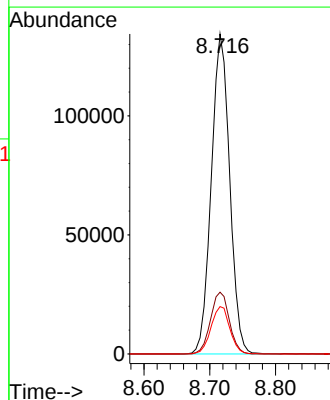
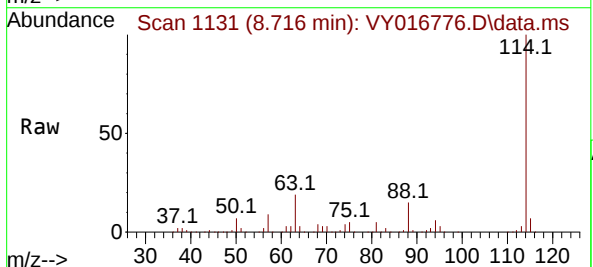
Tgt Ion:114 Resp: 261139

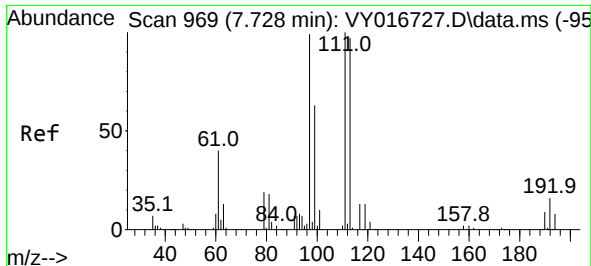
Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

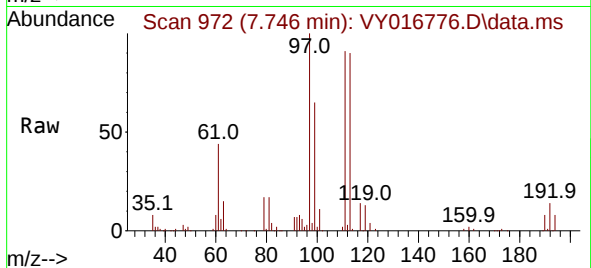
88 14.8 0.0 29.0





#35
Dibromofluoromethane
Concen: 52.594 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

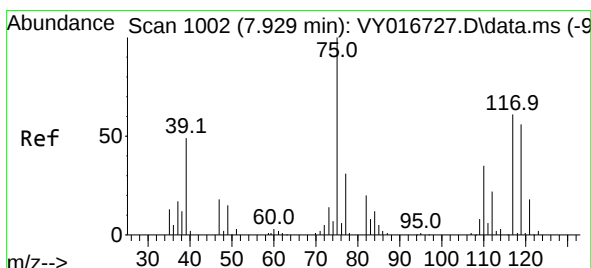
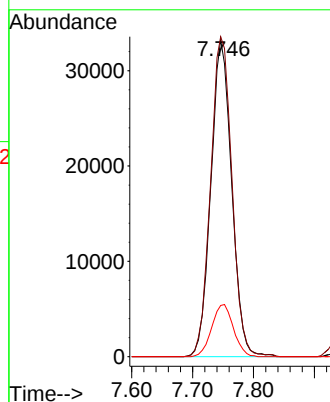
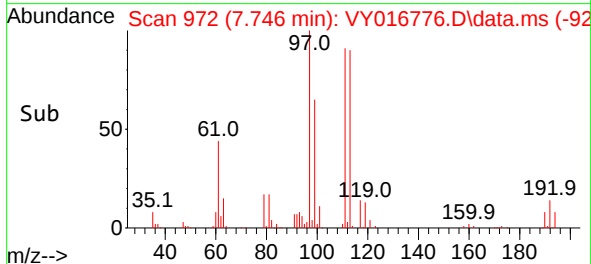
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



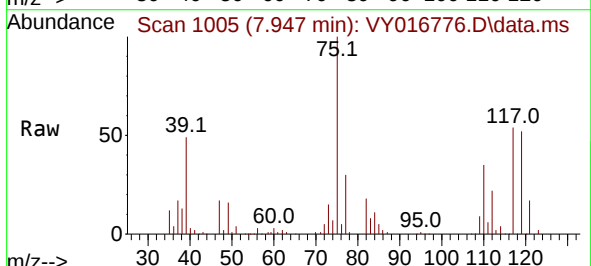
Tgt Ion:113 Resp: 78674
Ion Ratio Lower Upper
113 100
111 103.9 83.8 125.6
192 17.2 14.5 21.7

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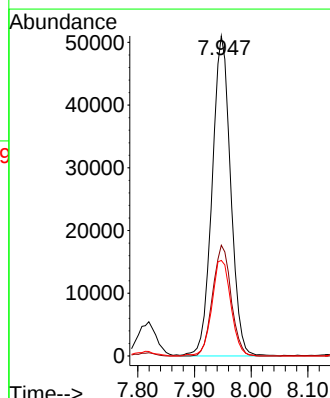
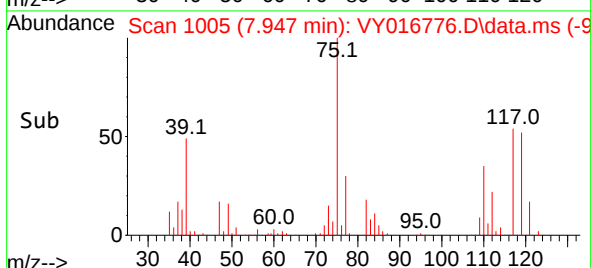
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

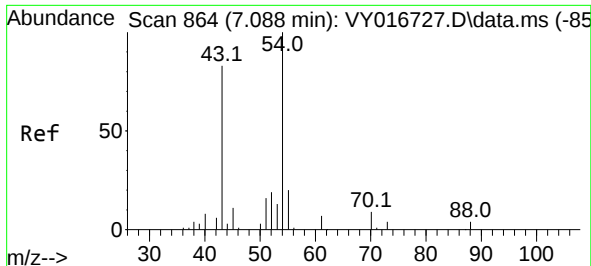


#36
1,1-Dichloropropene
Concen: 48.308 ug/l
RT: 7.947 min Scan# 1005
Delta R.T. 0.018 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34



Tgt Ion: 75 Resp: 115849
Ion Ratio Lower Upper
75 100
110 34.4 17.4 52.3
77 30.7 24.7 37.1





#37

Ethyl Acetate

Concen: 48.716 ug/l

RT: 7.106 min Scan# 80

Delta R.T. 0.018 min

Lab File: VY016776.D

Acq: 21 Dec 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

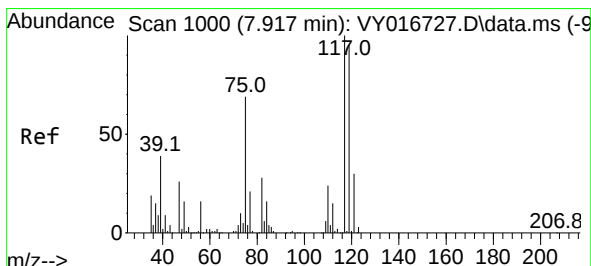
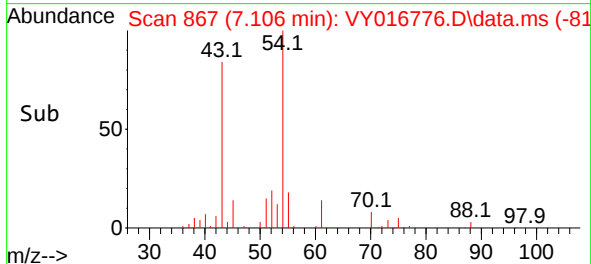
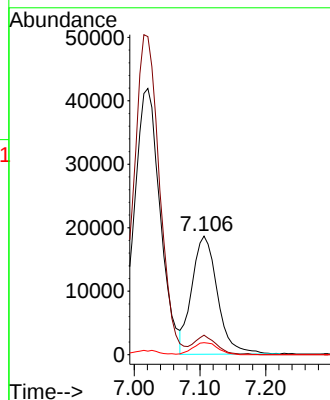
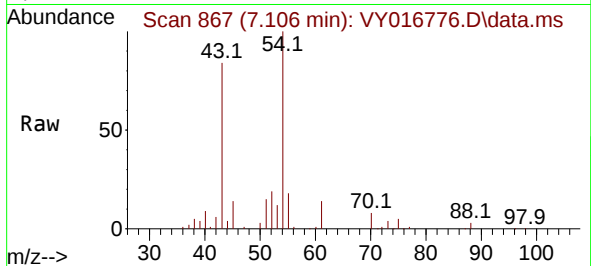
Tgt Ion: 43 Resp: 50075

Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.0	16.6
70	10.0	8.1	12.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#38

Carbon Tetrachloride

Concen: 47.203 ug/l

RT: 7.929 min Scan# 1002

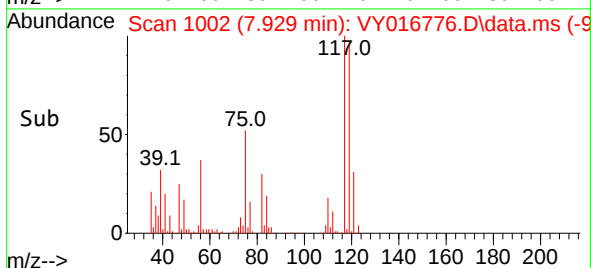
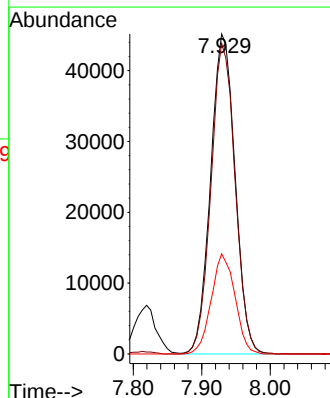
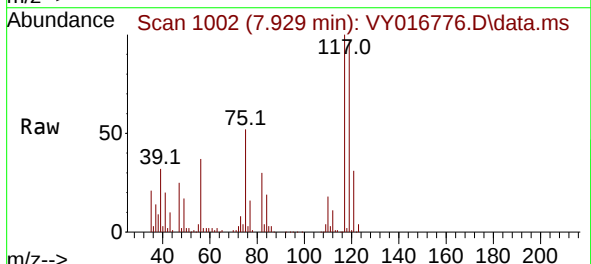
Delta R.T. 0.012 min

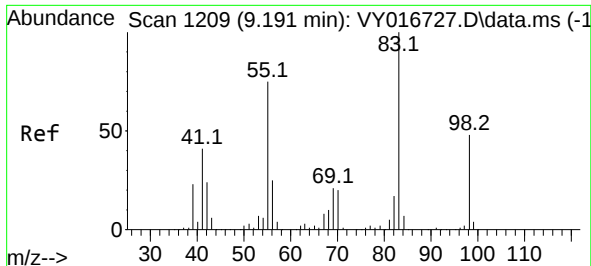
Lab File: VY016776.D

Acq: 21 Dec 2023 23:34

Tgt Ion:117 Resp: 112015

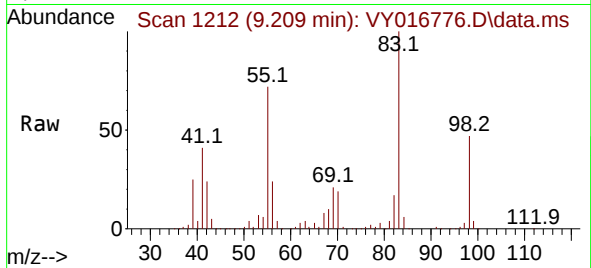
Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.0	114.0
121	31.3	24.2	36.2





#39
Methylcyclohexane
Concen: 47.981 ug/l
RT: 9.209 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

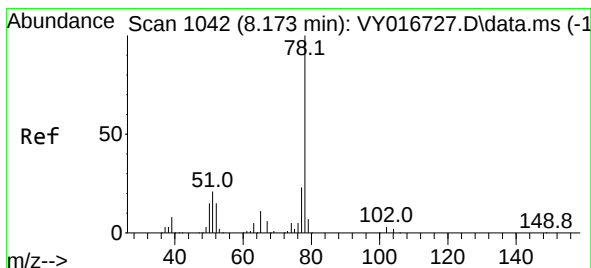
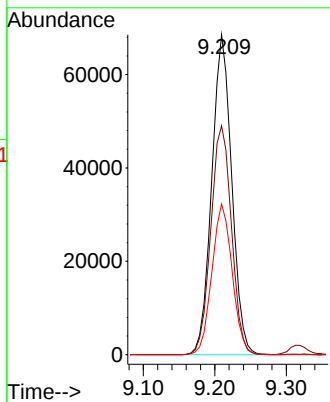
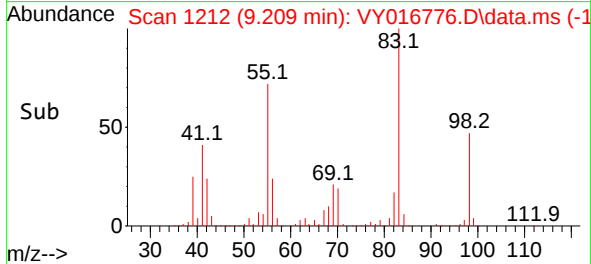
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 132848
Ion Ratio Lower Upper
83 100
55 71.6 59.7 89.5
98 47.1 38.0 57.0

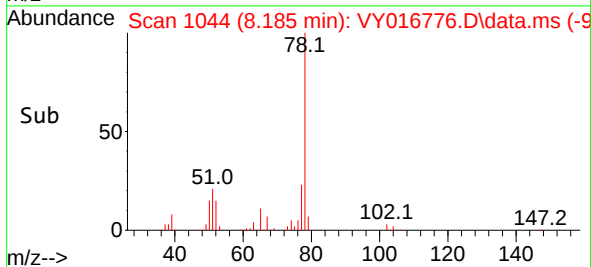
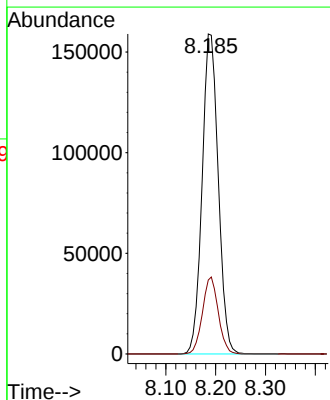
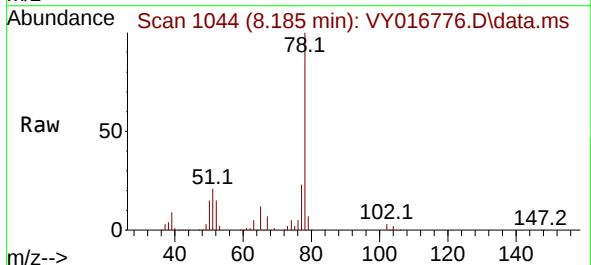
Manual Integrations
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Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#40
Benzene
Concen: 51.190 ug/l
RT: 8.185 min Scan# 1044
Delta R.T. 0.012 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

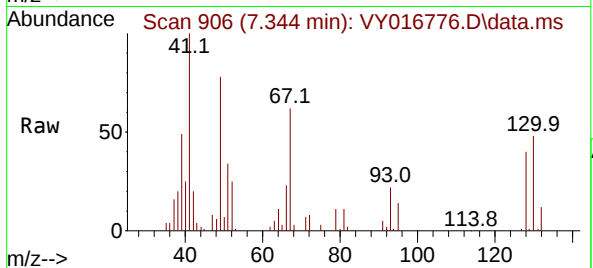
Tgt Ion: 78 Resp: 357233
Ion Ratio Lower Upper
78 100
77 23.1 18.8 28.2





#41
Methacrylonitrile
Concen: 49.606 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.024 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

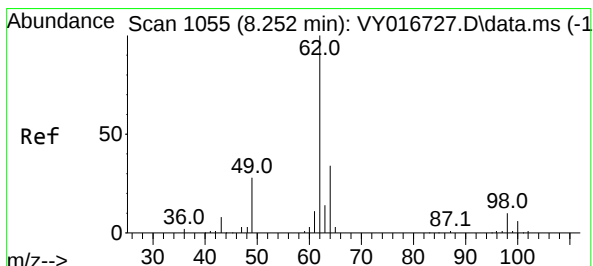
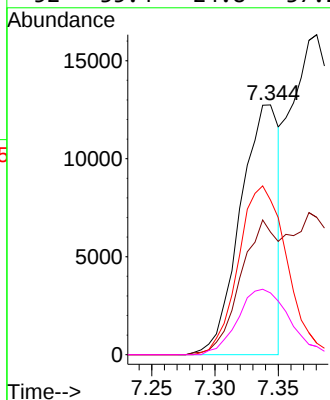
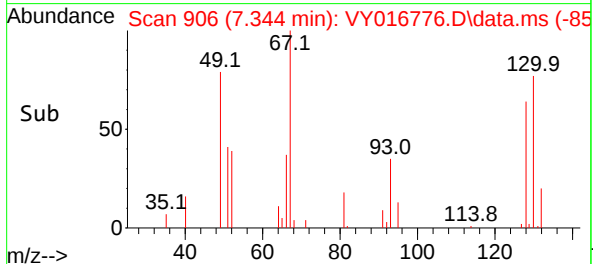
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 27072
Ion Ratio Lower Upper
41 100
39 51.8 41.9 62.9
67 85.1 59.8 89.6
52 35.4 24.8 37.2

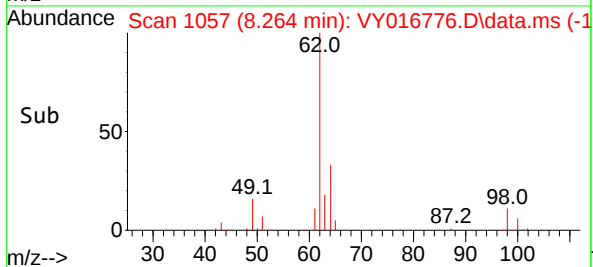
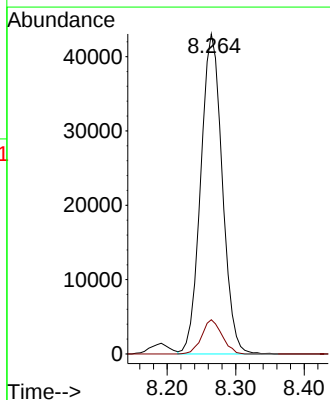
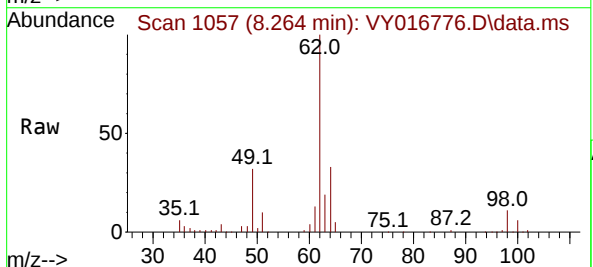
Manual Integrations
APPROVED

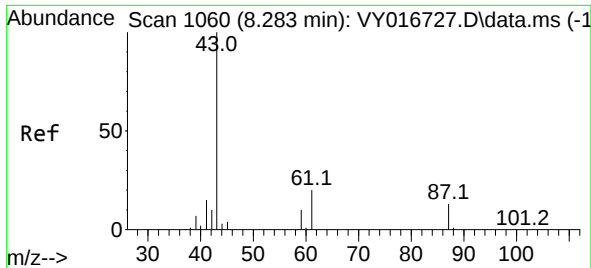
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#42
1,2-Dichloroethane
Concen: 51.729 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

Tgt Ion: 62 Resp: 94182
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.2





#43

Isopropyl Acetate

Concen: 49.354 ug/l

RT: 8.301 min Scan# 1172

Delta R.T. 0.018 min

Lab File: VY016776.D

Acq: 21 Dec 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

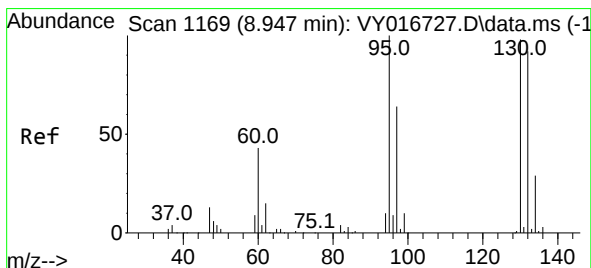
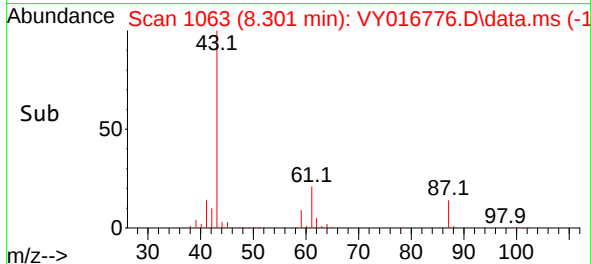
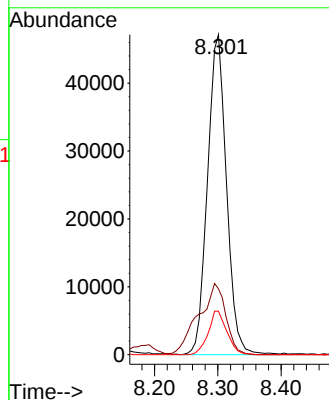
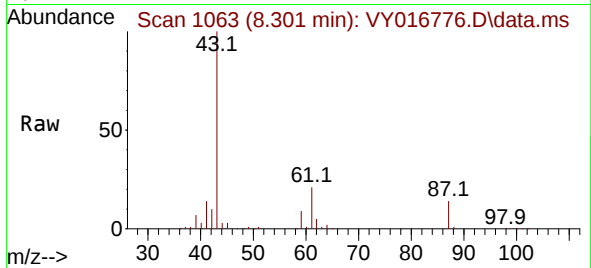
Tgt Ion: 43 Resp: 98530

Ion	Ratio	Lower	Upper
43	100		
61	31.8	24.8	37.2
87	13.4	10.7	16.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#44

Trichloroethene

Concen: 49.639 ug/l

RT: 8.965 min Scan# 1172

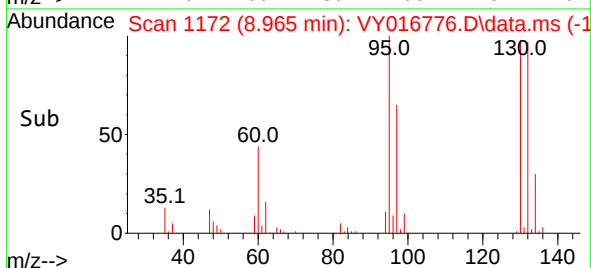
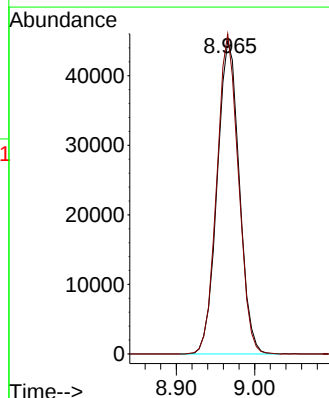
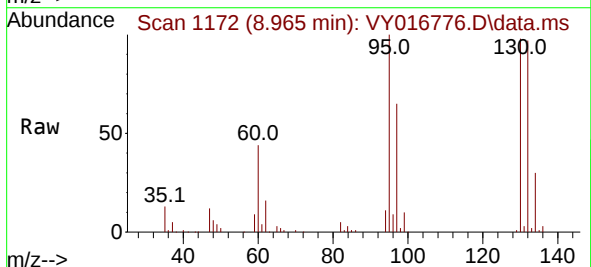
Delta R.T. 0.018 min

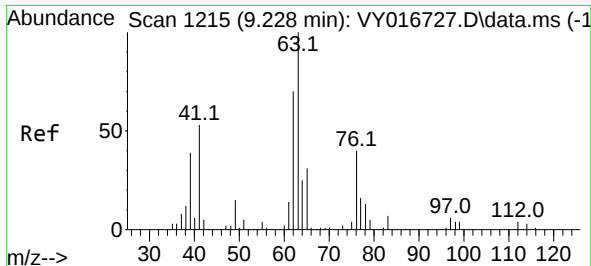
Lab File: VY016776.D

Acq: 21 Dec 2023 23:34

Tgt Ion:130 Resp: 88416

Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	203.8





#45

1,2-Dichloropropane

Concen: 50.809 ug/l

RT: 9.240 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016776.D

Acq: 21 Dec 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 8894

Ion Ratio Lower Upper

63 100

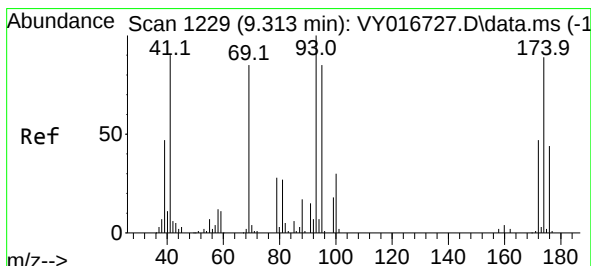
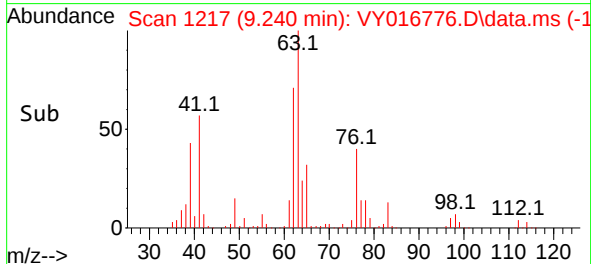
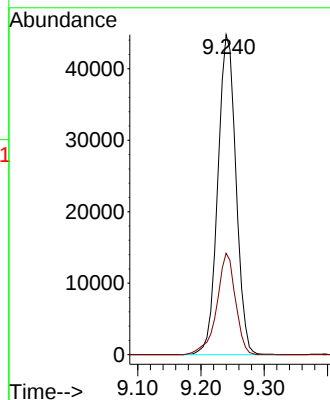
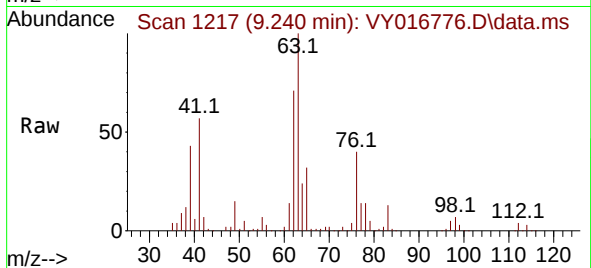
65 31.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#46

Dibromomethane

Concen: 51.132 ug/l

RT: 9.331 min Scan# 1232

Delta R.T. 0.018 min

Lab File: VY016776.D

Acq: 21 Dec 2023 23:34

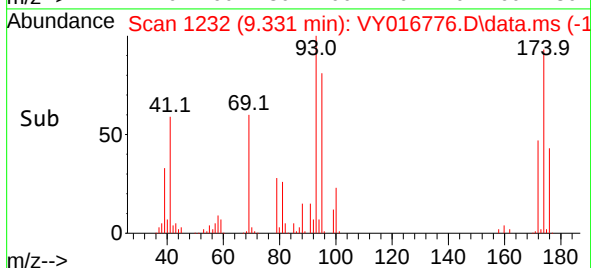
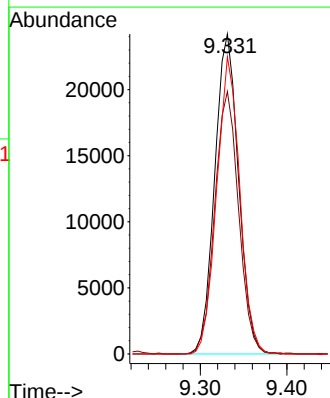
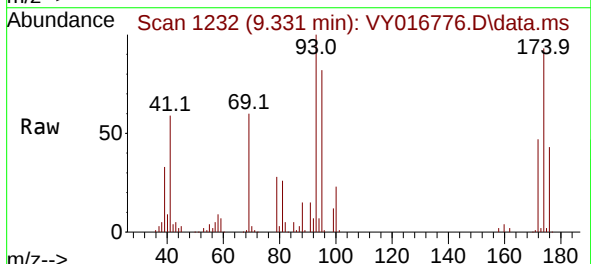
Tgt Ion: 93 Resp: 46241

Ion Ratio Lower Upper

93 100

95 82.2 66.6 99.8

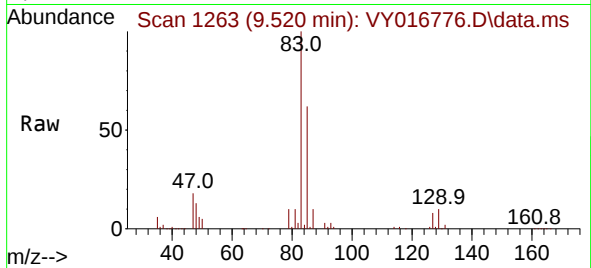
174 90.0 73.8 110.6





#47
Bromodichloromethane
Concen: 51.205 ug/l
RT: 9.520 min Scan# 1263
Delta R.T. 0.012 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

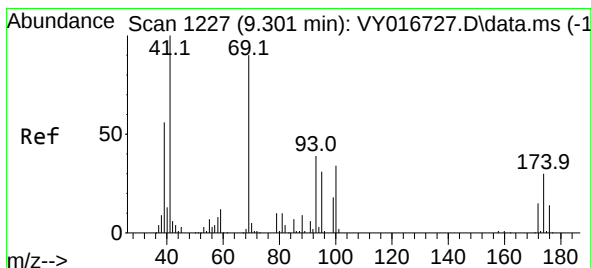
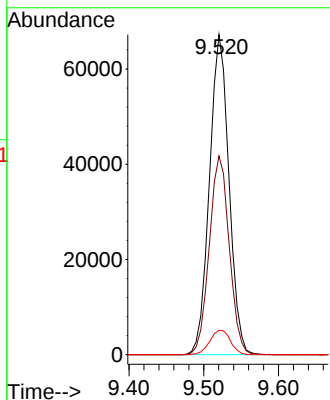
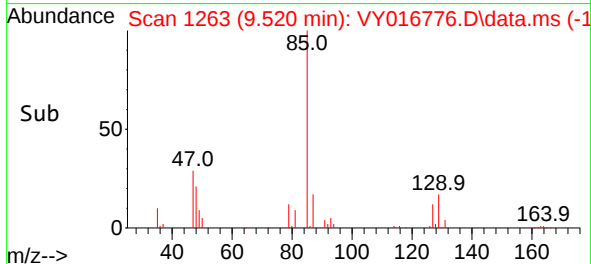
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 122050
Ion Ratio Lower Upper
83 100
85 62.1 53.2 79.8
127 7.6 6.4 9.6

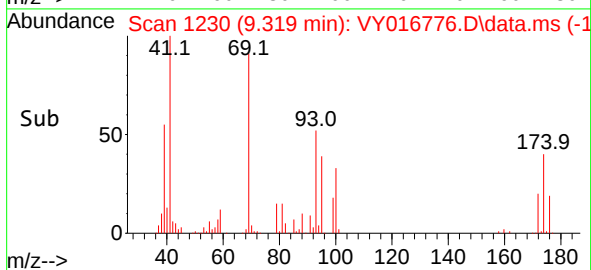
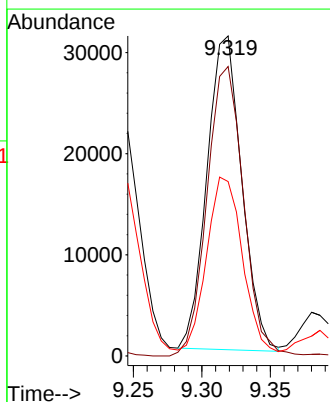
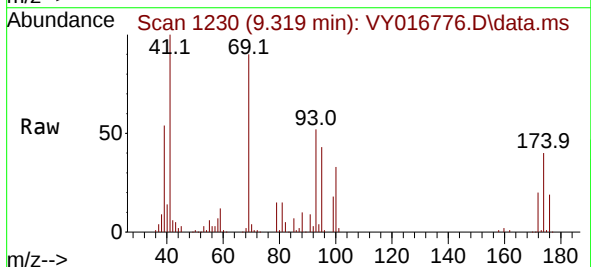
Manual Integrations
APPROVED

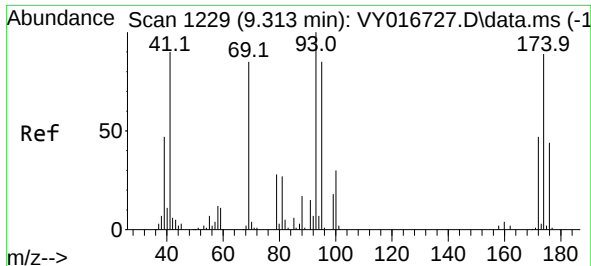
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#48
Methyl methacrylate
Concen: 49.464 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.018 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

Tgt Ion: 41 Resp: 54882
Ion Ratio Lower Upper
41 100
69 96.8 72.1 108.1
39 56.6 42.8 64.2





#49

1,4-Dioxane

Concen: 1065.457 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY016776.D

Acq: 21 Dec 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 935

Ion Ratio Lower Upper

88 100

43 32.1 28.2 42.4

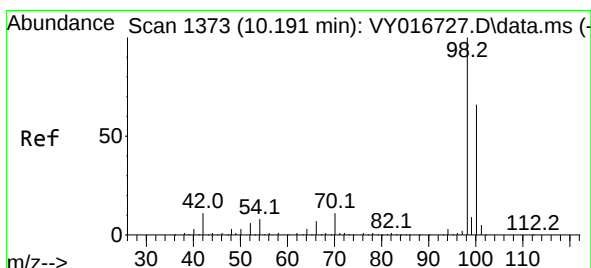
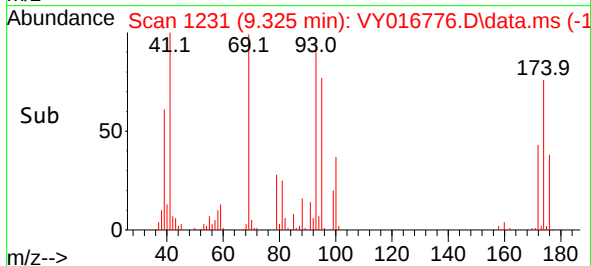
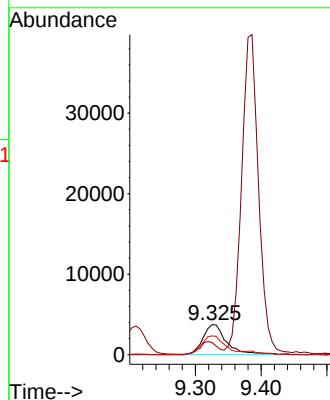
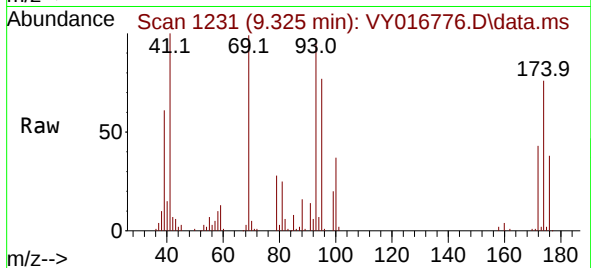
58 62.2 52.2 78.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#50

Toluene-d8

Concen: 53.546 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY016776.D

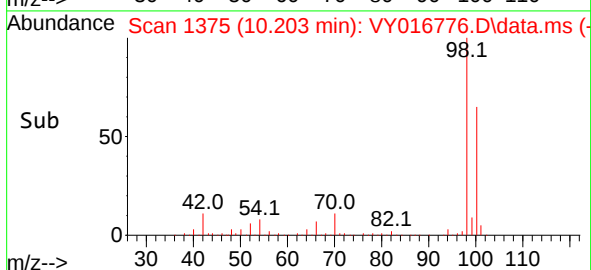
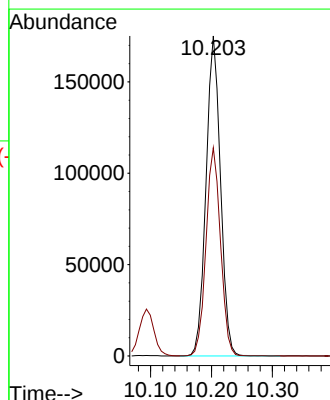
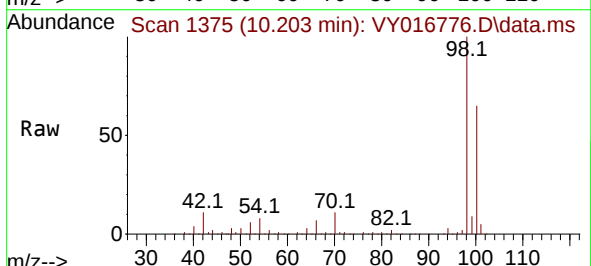
Acq: 21 Dec 2023 23:34

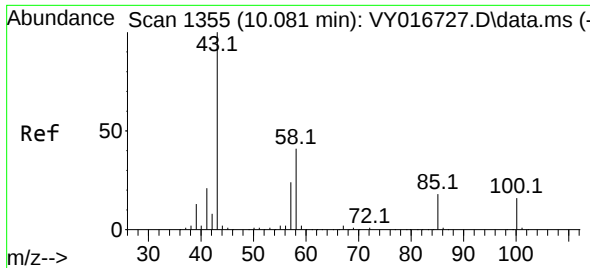
Tgt Ion: 98 Resp: 288745

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5





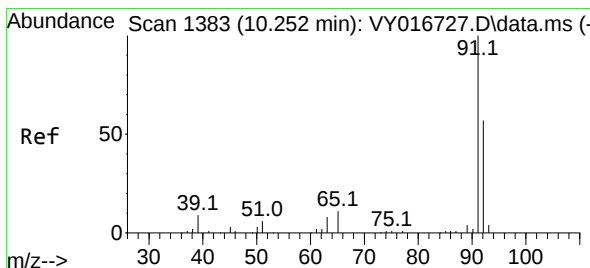
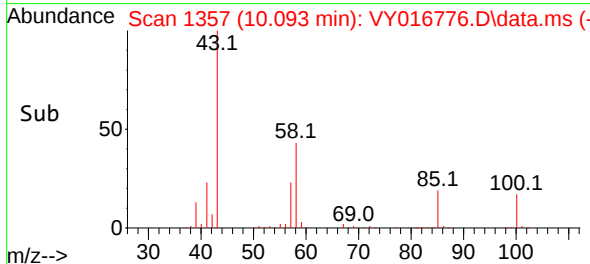
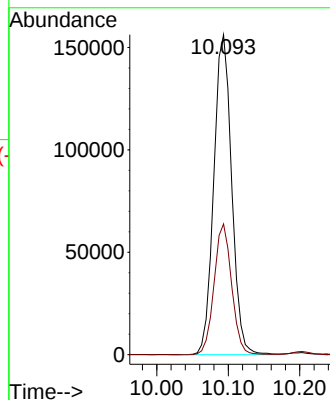
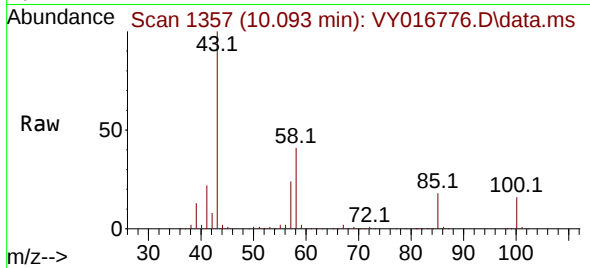
#51
4-Methyl-2-Pentanone
Concen: 255.253 ug/l
RT: 10.093 min Scan# 1357
Delta R.T. 0.012 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 27151
Ion Ratio Lower Upper
43 100
58 40.1 32.2 48.2

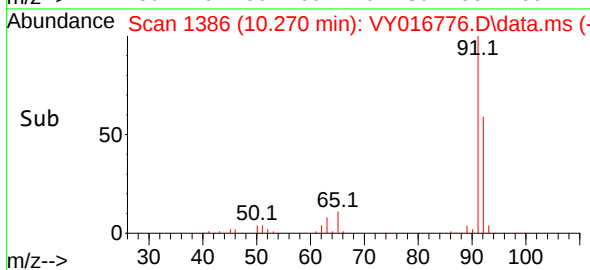
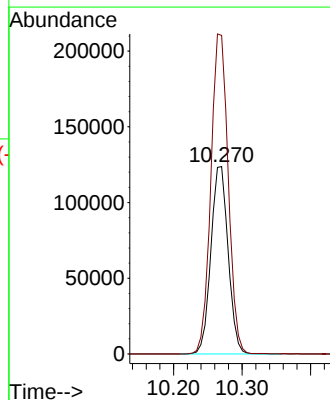
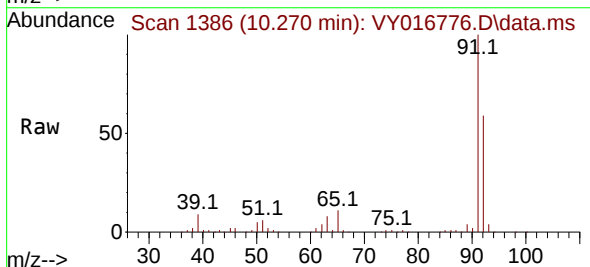
Manual Integrations
APPROVED

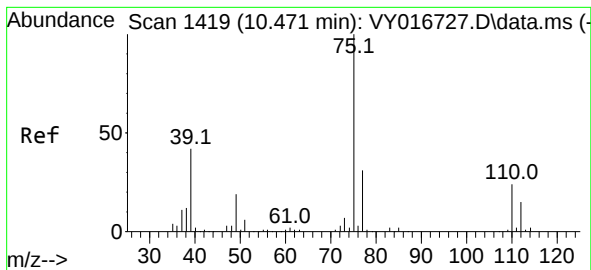
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#52
Toluene
Concen: 51.754 ug/l
RT: 10.270 min Scan# 1386
Delta R.T. 0.018 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

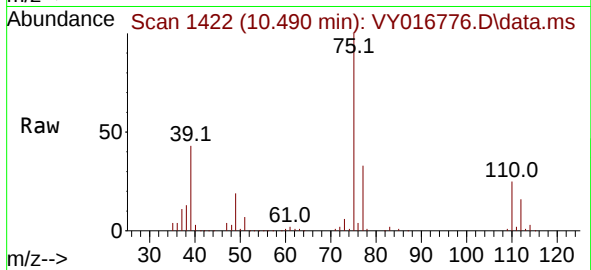
Tgt Ion: 92 Resp: 216436
Ion Ratio Lower Upper
92 100
91 172.2 137.6 206.4





#53
 t-1,3-Dichloropropene
 Concen: 51.040 ug/l
 RT: 10.490 min Scan# 1419
 Delta R.T. 0.019 min
 Lab File: VY016776.D
 Acq: 21 Dec 2023 23:34

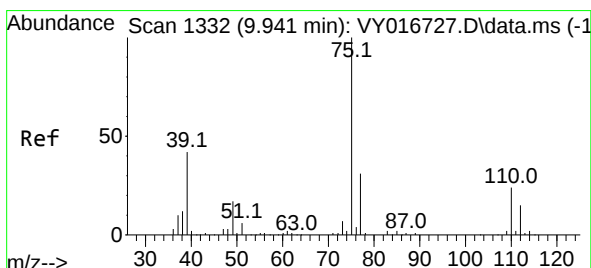
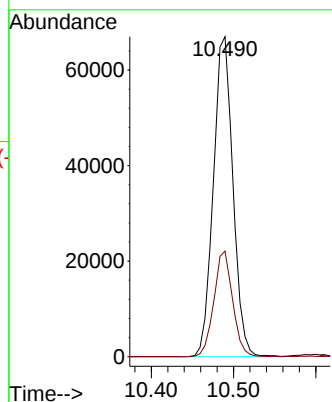
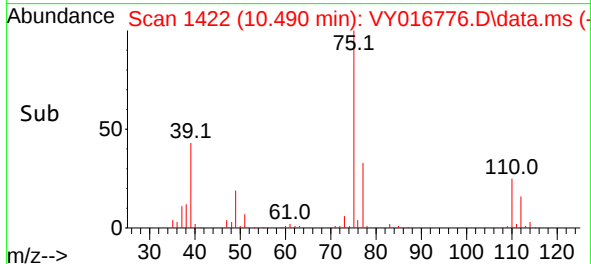
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



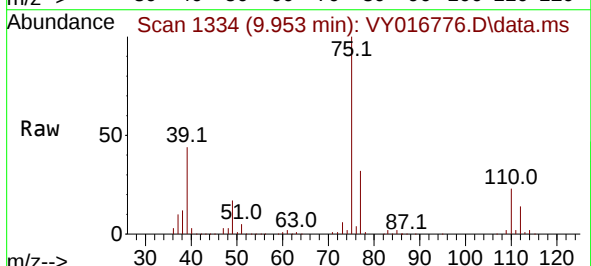
Tgt Ion: 75 Resp: 110932
 Ion Ratio Lower Upper
 75 100
 77 33.0 24.6 36.8

Manual Integrations
 APPROVED

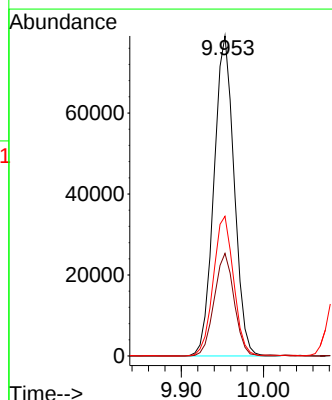
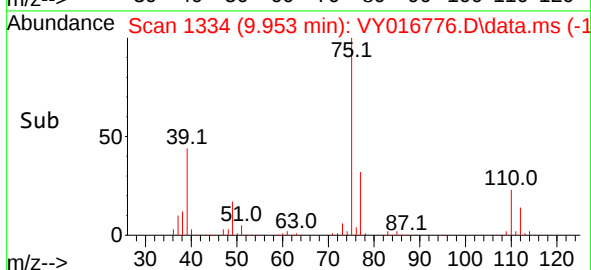
Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023

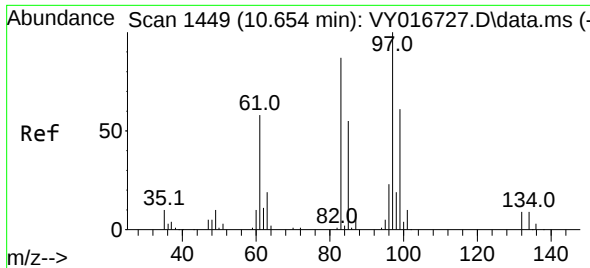


#54
 cis-1,3-Dichloropropene
 Concen: 51.368 ug/l
 RT: 9.953 min Scan# 1334
 Delta R.T. 0.012 min
 Lab File: VY016776.D
 Acq: 21 Dec 2023 23:34



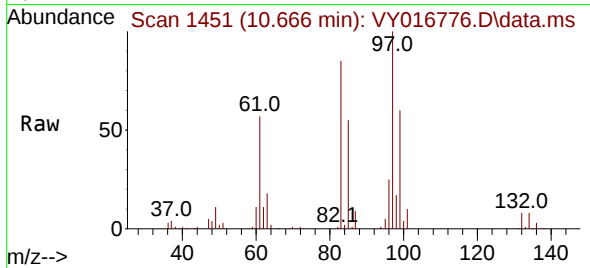
Tgt Ion: 75 Resp: 134667
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.6 36.8
 39 43.6 33.6 50.4





#55
1,1,2-Trichloroethane
Concen: 50.523 ug/l
RT: 10.666 min Scan# 1449
Delta R.T. 0.012 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

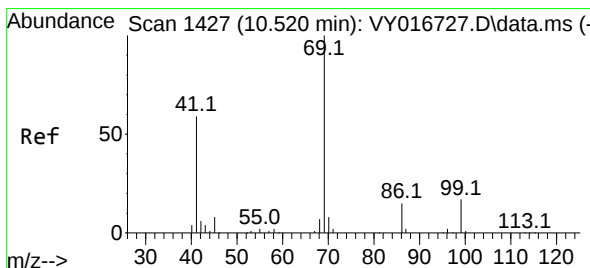
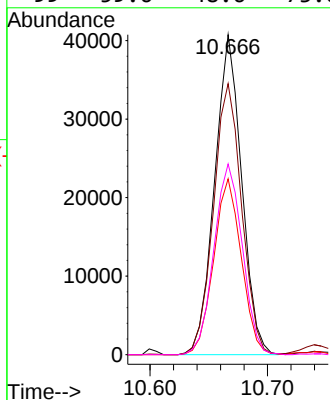
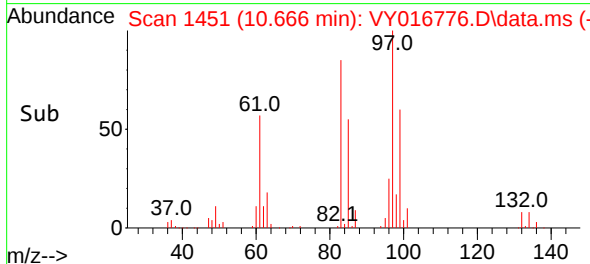
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



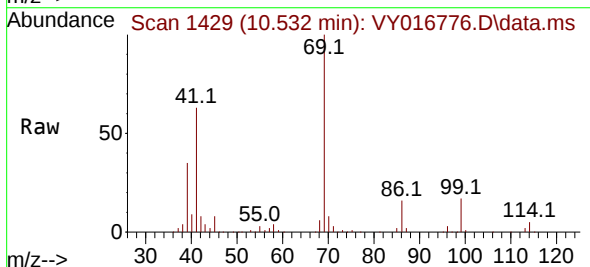
Tgt Ion: 97	Resp: 65189
Ion Ratio	Lower Upper
97 100	
83 84.7	69.4 104.2
85 54.9	43.9 65.9
99 59.6	48.6 73.0

Manual Integrations
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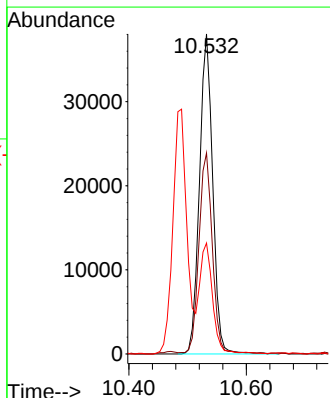
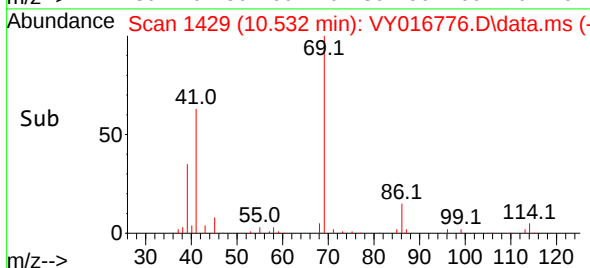
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

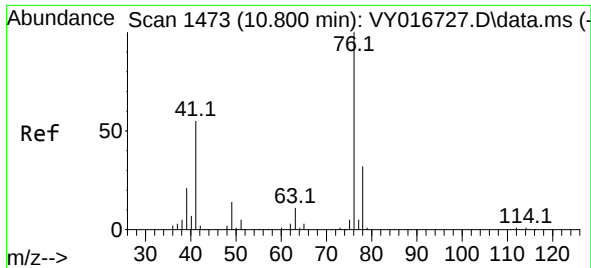


#56
Ethyl methacrylate
Concen: 52.521 ug/l
RT: 10.532 min Scan# 1429
Delta R.T. 0.012 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34



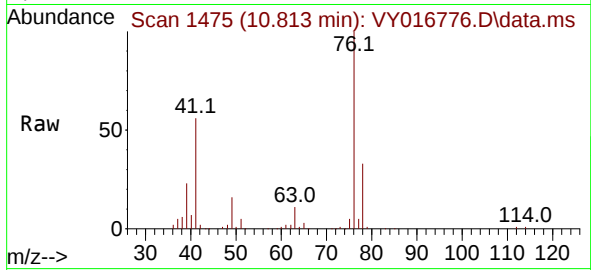
Tgt Ion: 69	Resp: 59590
Ion Ratio	Lower Upper
69 100	
41 62.9	49.2 73.8
39 31.9	26.8 40.2





#57
1,3-Dichloropropane
Concen: 51.196 ug/l
RT: 10.813 min Scan# 1473
Delta R.T. 0.013 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

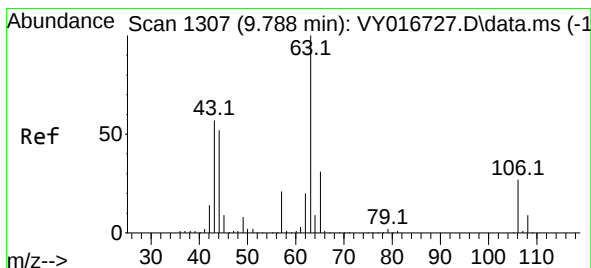
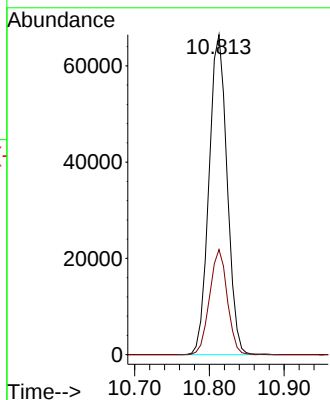
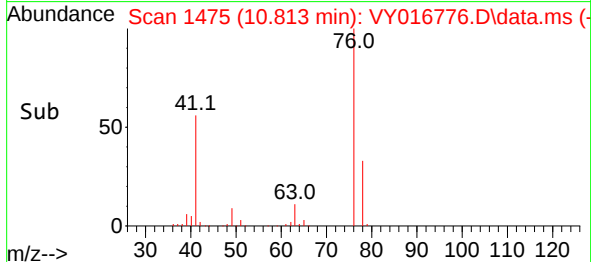
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 11220
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1

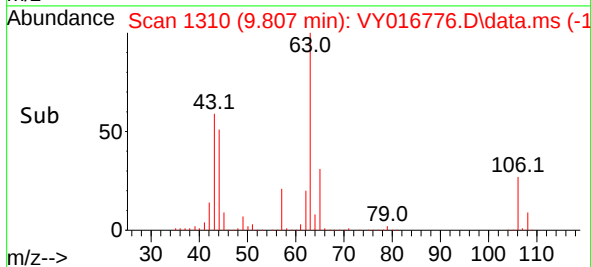
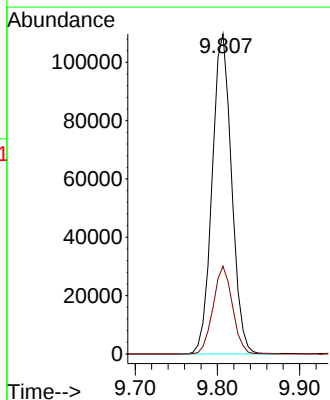
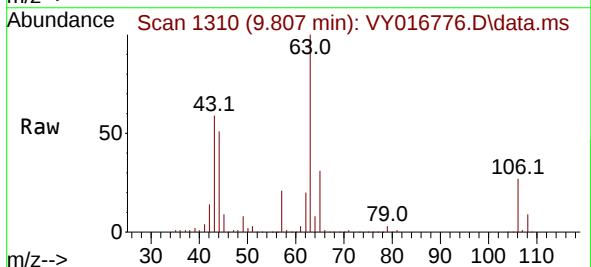
Manual Integrations
APPROVED

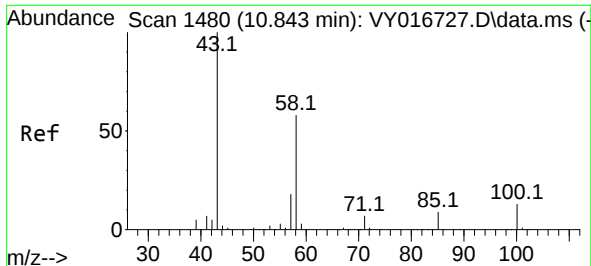
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#58
2-Chloroethyl Vinyl ether
Concen: 295.255 ug/l
RT: 9.807 min Scan# 1310
Delta R.T. 0.019 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

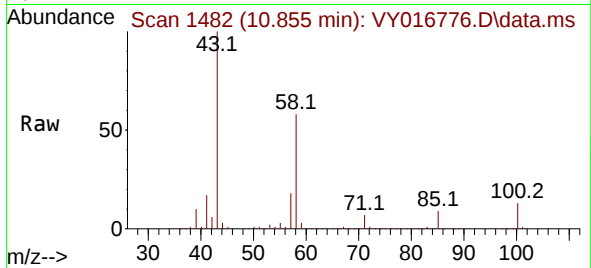
Tgt Ion: 63 Resp: 180211
Ion Ratio Lower Upper
63 100
106 27.2 22.4 33.6





#59
2-Hexanone
Concen: 228.836 ug/l
RT: 10.855 min Scan# 1482
Delta R.T. 0.012 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

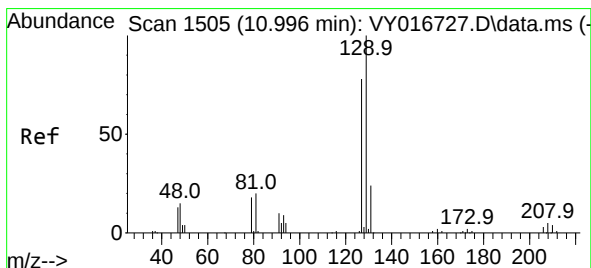
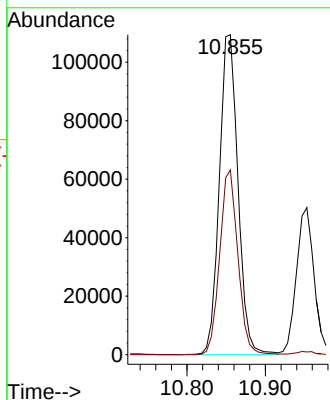
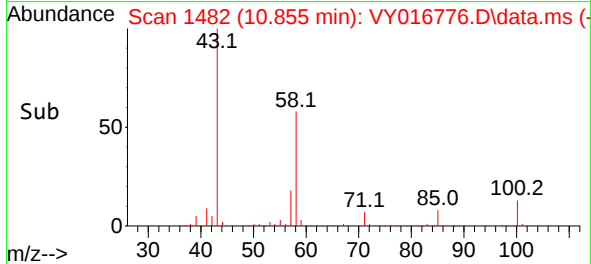
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



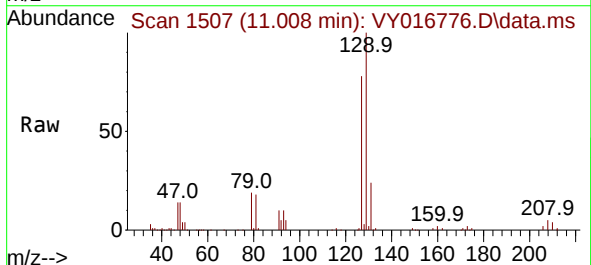
Tgt Ion: 43 Resp: 181502
Ion Ratio Lower Upper
43 100
58 56.3 28.1 84.3

Manual Integrations
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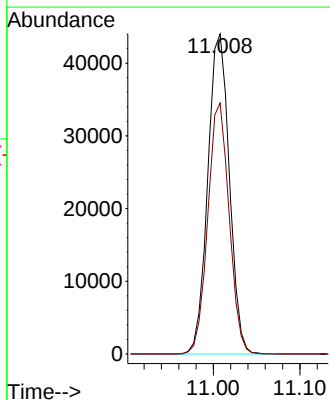
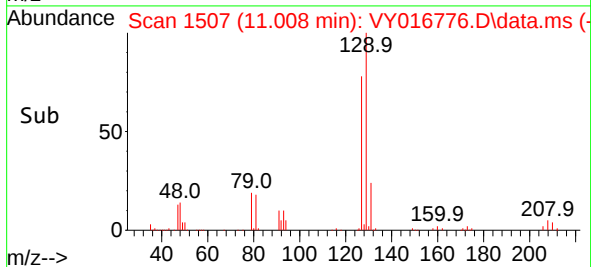
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

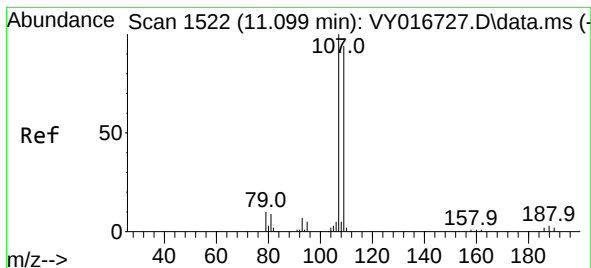


#60
Dibromochloromethane
Concen: 50.940 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. 0.012 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34



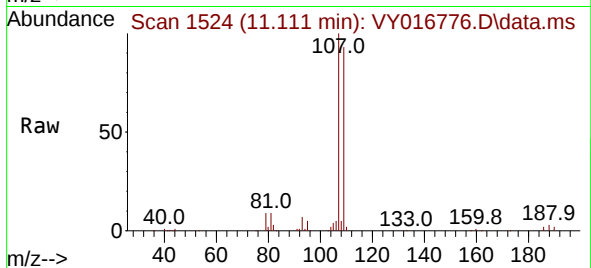
Tgt Ion:129 Resp: 76034
Ion Ratio Lower Upper
129 100
127 77.6 39.2 117.6





#61
1,2-Dibromoethane
Concen: 51.256 ug/l
RT: 11.111 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

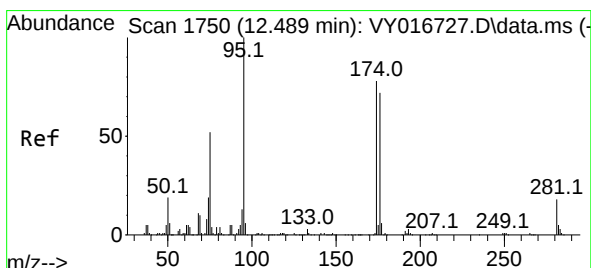
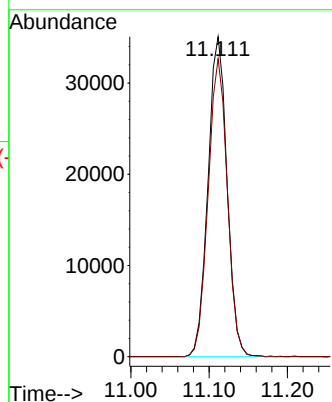
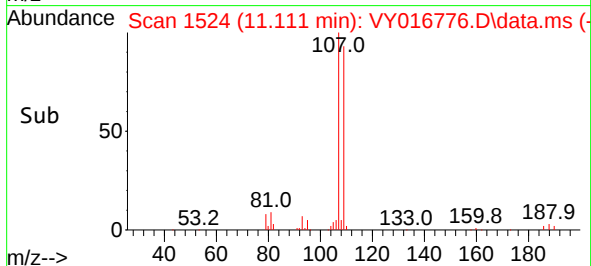
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



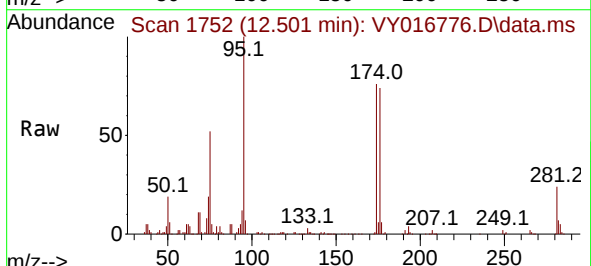
Tgt Ion:107 Resp: 59309
Ion Ratio Lower Upper
107 100
109 93.5 75.4 113.2

Manual Integrations
APPROVED

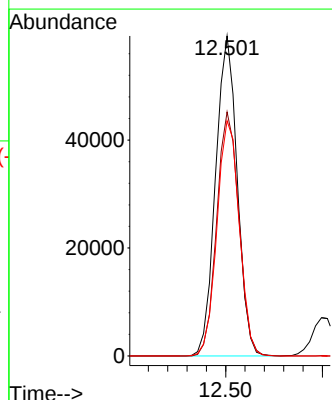
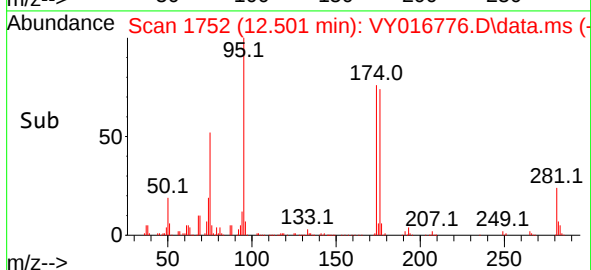
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

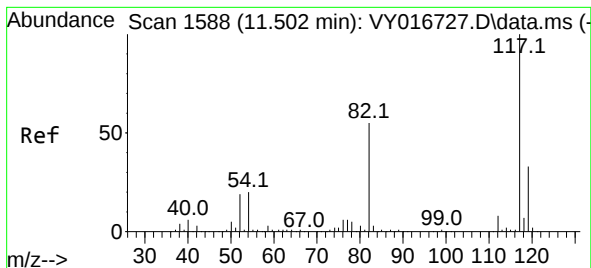


#62
4-Bromofluorobenzene
Concen: 52.706 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34



Tgt Ion: 95 Resp: 92207
Ion Ratio Lower Upper
95 100
174 77.7 0.0 160.0
176 75.7 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016776.D

Acq: 21 Dec 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

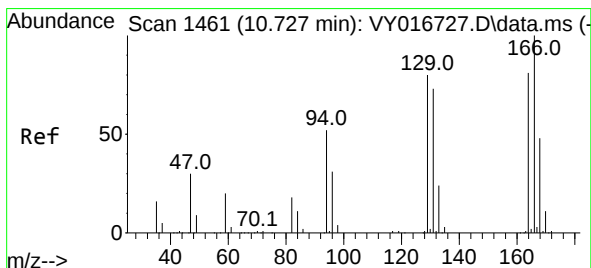
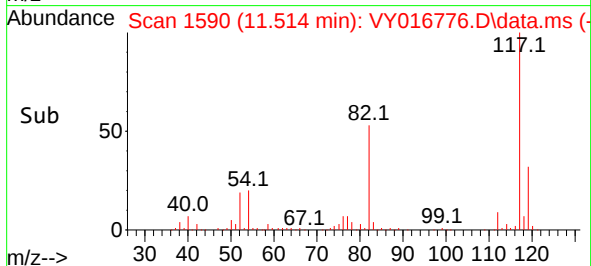
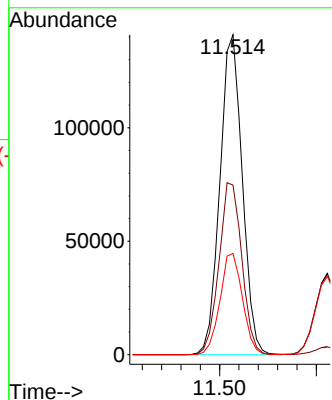
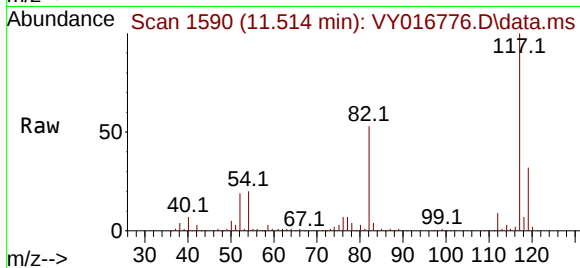
Tgt Ion:117 Resp: 225934

Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.8	65.8
119	31.7	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#64

Tetrachloroethene

Concen: 49.460 ug/l

RT: 10.746 min Scan# 1464

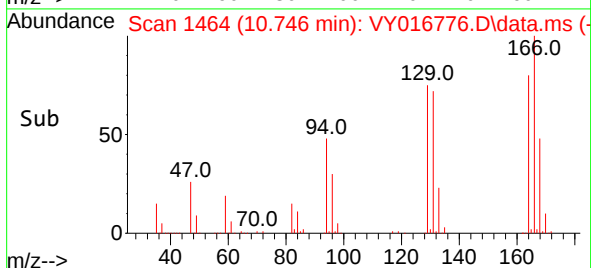
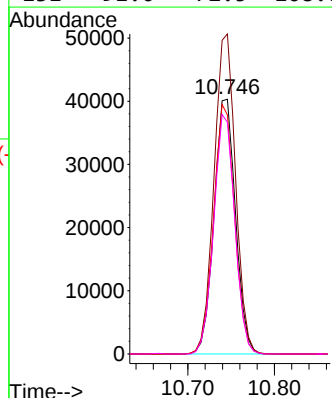
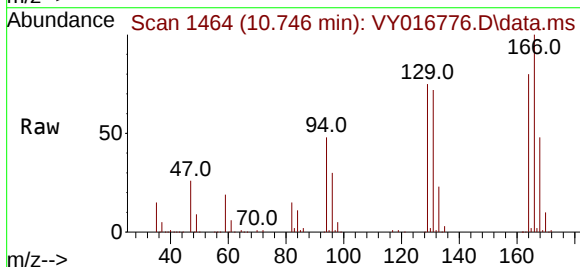
Delta R.T. 0.018 min

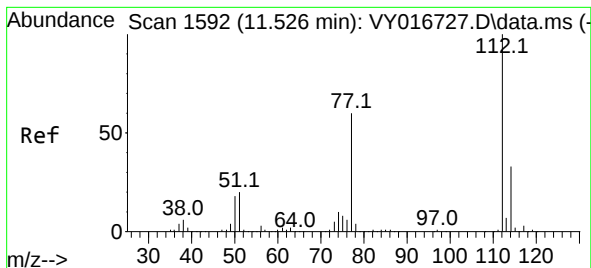
Lab File: VY016776.D

Acq: 21 Dec 2023 23:34

Tgt Ion:164 Resp: 69416

Ion	Ratio	Lower	Upper
164	100		
166	125.6	98.8	148.2
129	93.8	78.9	118.3
131	91.0	72.5	108.7





#65

Chlorobenzene

Concen: 50.452 ug/l

RT: 11.538 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016776.D

Acq: 21 Dec 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 22395

Ion Ratio Lower Upper

112 100

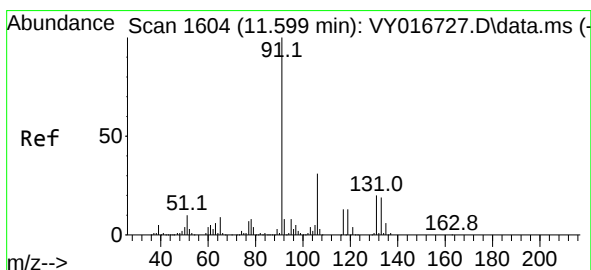
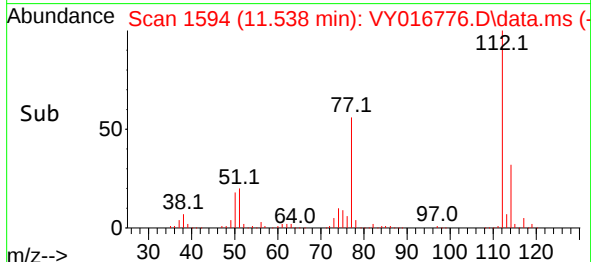
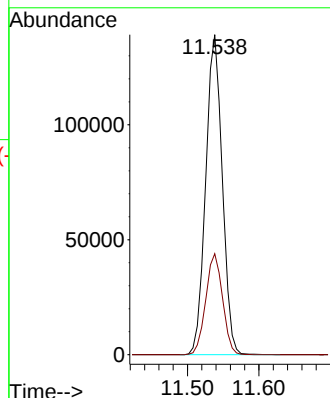
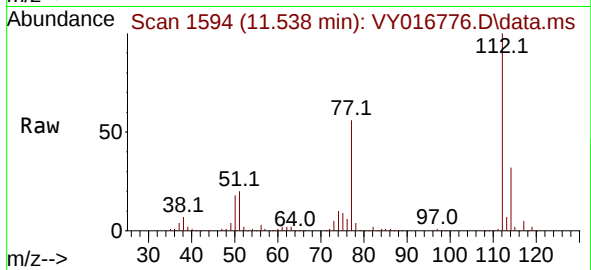
114 31.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 50.314 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.012 min

Lab File: VY016776.D

Acq: 21 Dec 2023 23:34

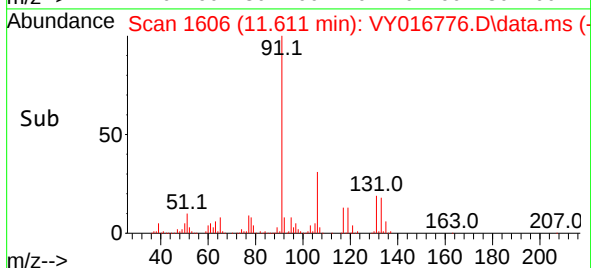
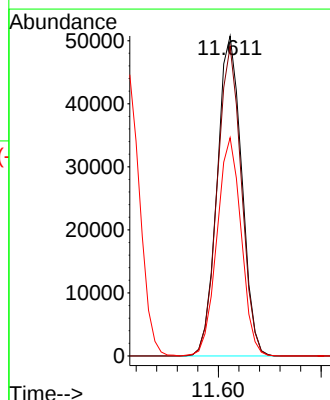
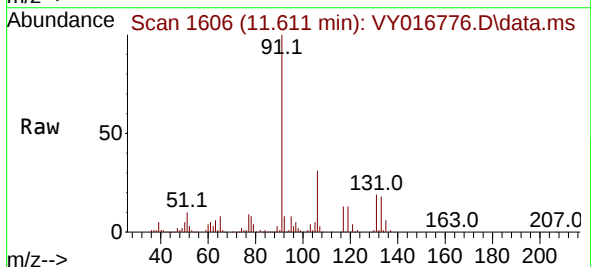
Tgt Ion:131 Resp: 84033

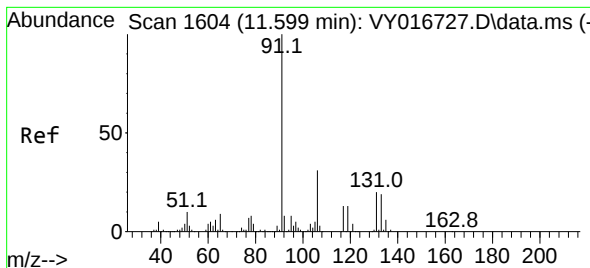
Ion Ratio Lower Upper

131 100

133 94.8 47.0 141.0

119 67.3 33.3 99.9





#67

Ethyl Benzene

Concen: 50.465 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.012 min

Lab File: VY016776.D

Acq: 21 Dec 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 412320

Ion Ratio Lower Upper

91 100

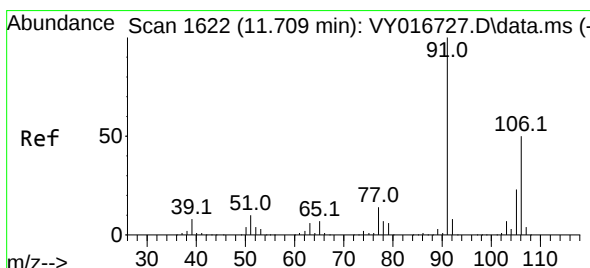
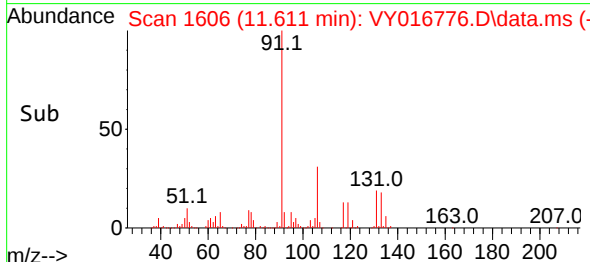
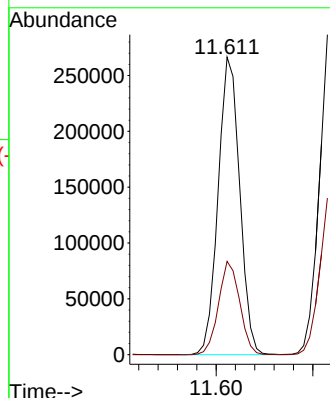
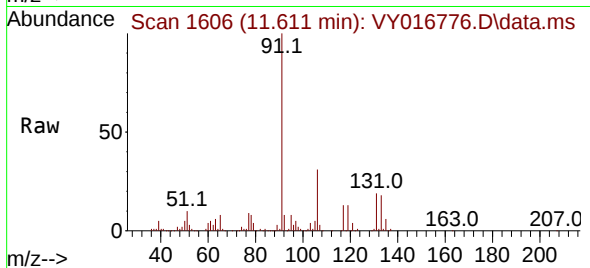
106 31.4 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#68

m/p-Xylenes

Concen: 101.952 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.012 min

Lab File: VY016776.D

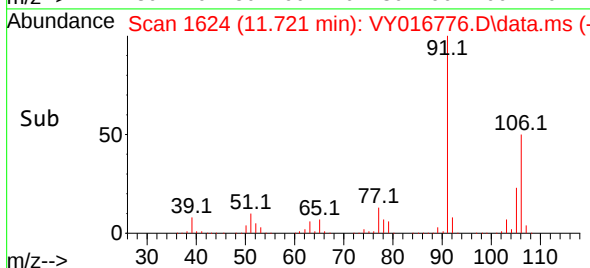
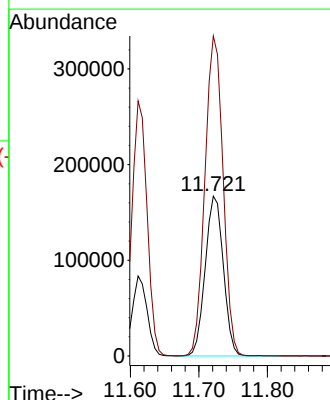
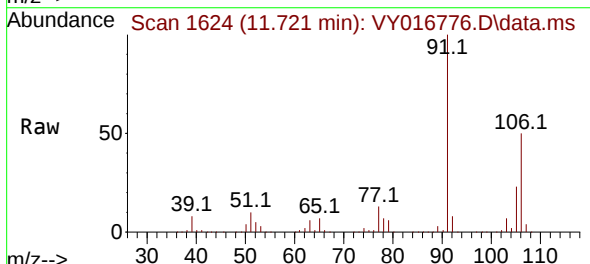
Acq: 21 Dec 2023 23:34

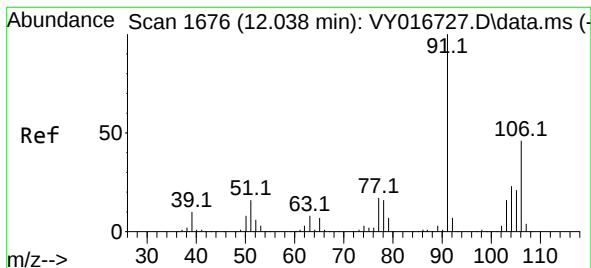
Tgt Ion:106 Resp: 307598

Ion Ratio Lower Upper

106 100

91 200.1 160.7 241.1





#69

o-Xylene

Concen: 52.117 ug/l

RT: 12.050 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016776.D

Acq: 21 Dec 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 144254

Ion Ratio Lower Upper

106 100

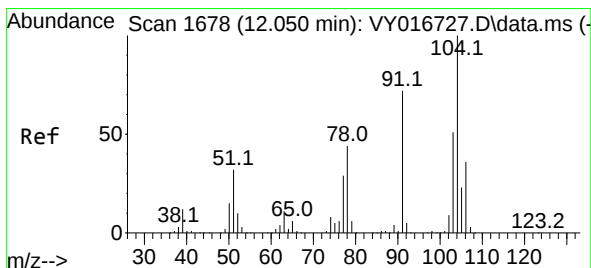
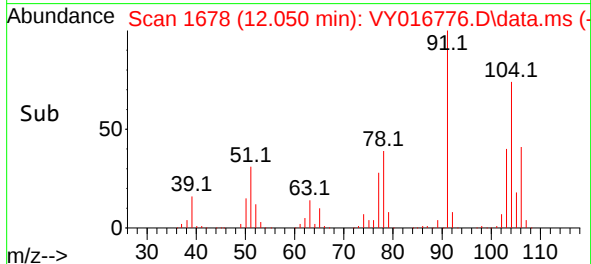
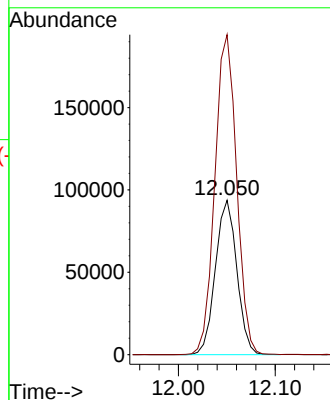
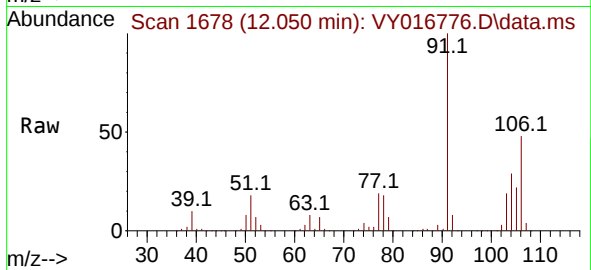
91 210.4 106.5 319.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#70

Styrene

Concen: 51.938 ug/l

RT: 12.062 min Scan# 1680

Delta R.T. 0.012 min

Lab File: VY016776.D

Acq: 21 Dec 2023 23:34

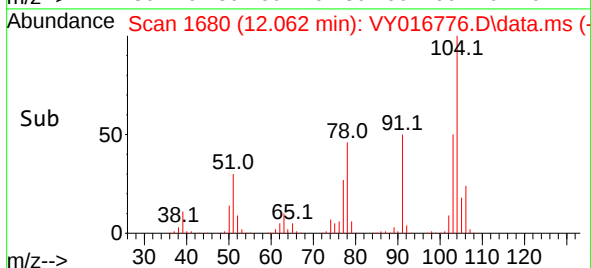
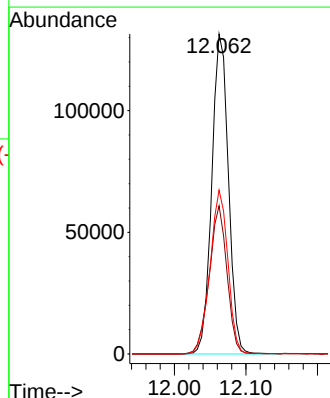
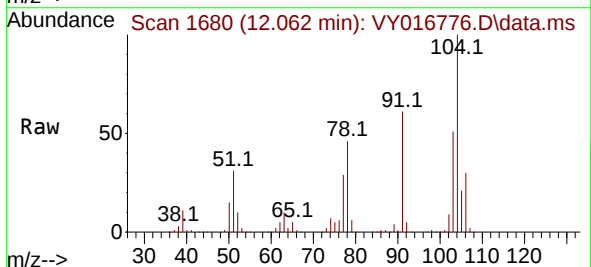
Tgt Ion:104 Resp: 212726

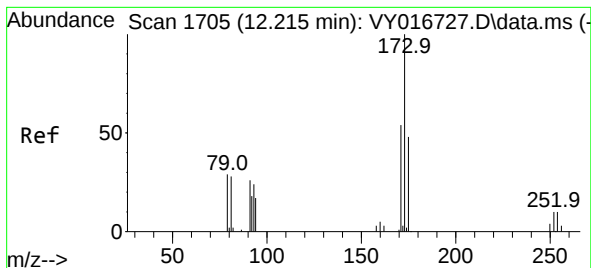
Ion Ratio Lower Upper

104 100

78 49.3 39.2 58.8

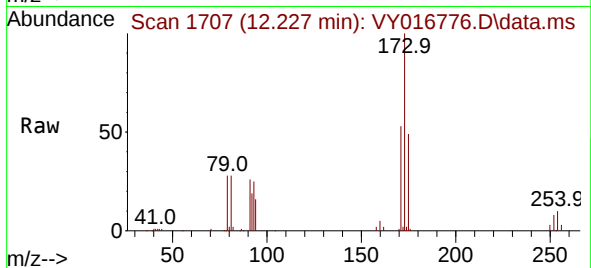
103 55.0 43.8 65.6





#71
Bromoform
Concen: 50.372 ug/l
RT: 12.227 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

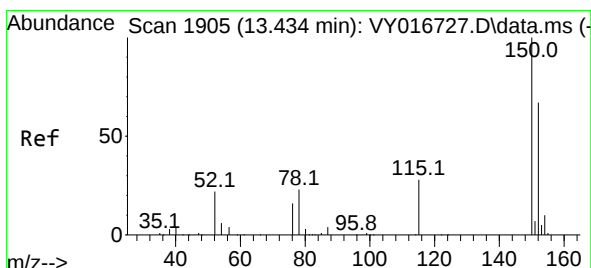
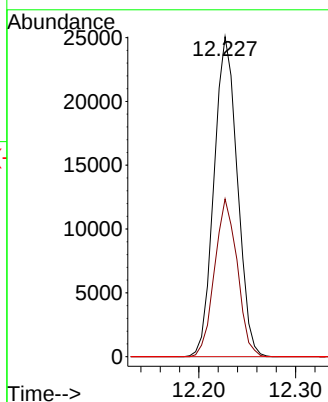
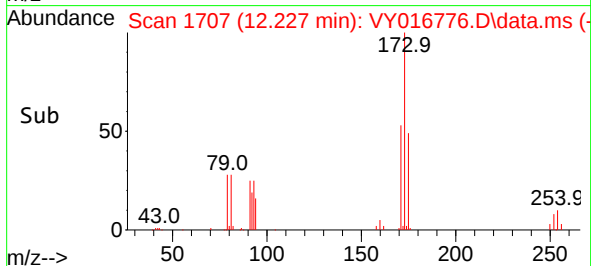
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



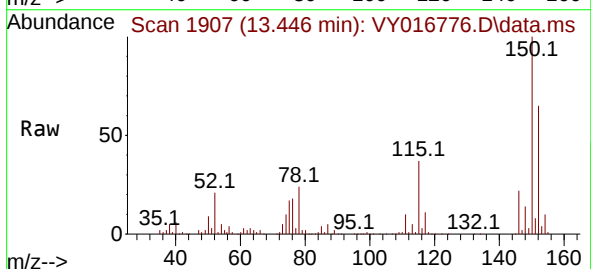
Tgt Ion:173 Resp: 4194
Ion Ratio Lower Upper
173 100
175 47.9 23.5 70.6
254 0.0 0.0 0.0

Manual Integrations
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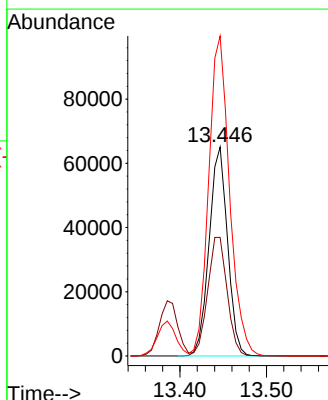
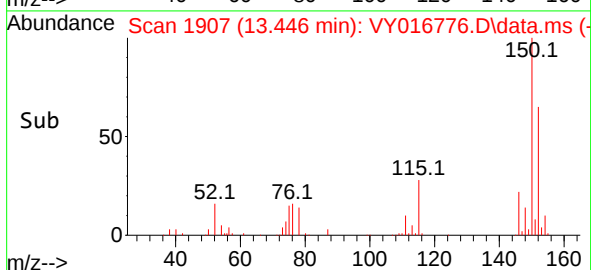
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

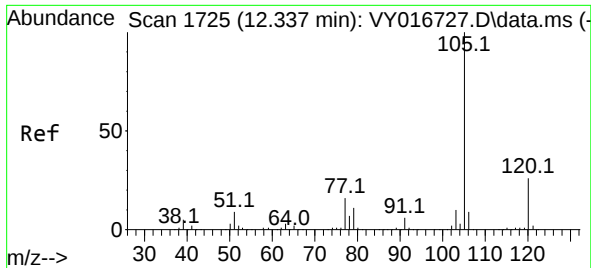


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34



Tgt Ion:152 Resp: 96390
Ion Ratio Lower Upper
152 100
115 59.6 30.0 90.0
150 172.9 0.0 344.6





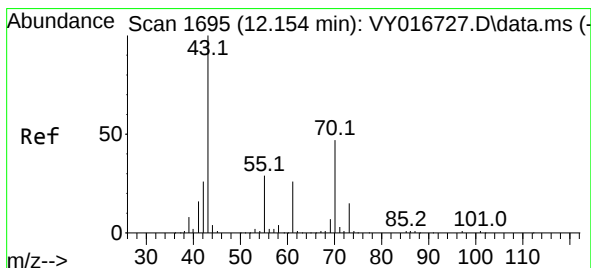
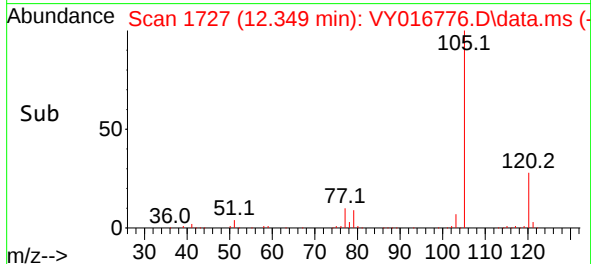
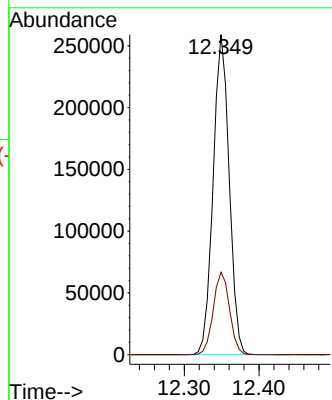
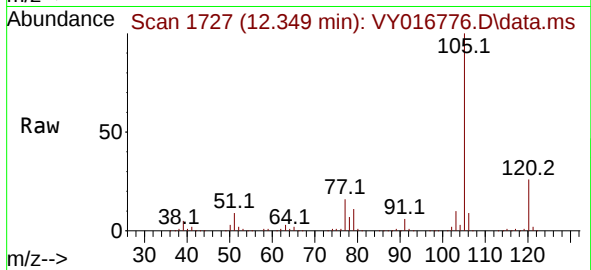
#73
Isopropylbenzene
Concen: 51.435 ug/l
RT: 12.349 min Scan# 1725
Delta R.T. 0.012 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 38612
Ion Ratio Lower Upper
105 100
120 26.1 13.0 39.0

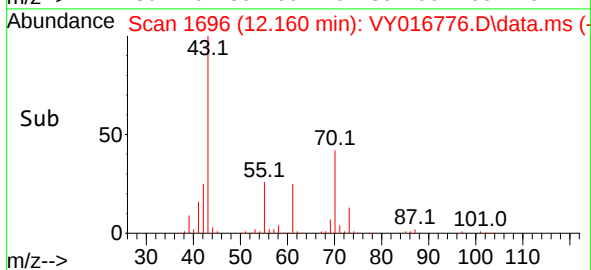
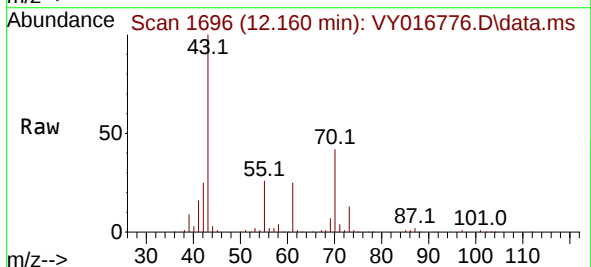
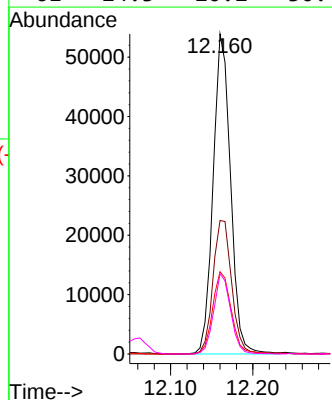
Manual Integrations
APPROVED

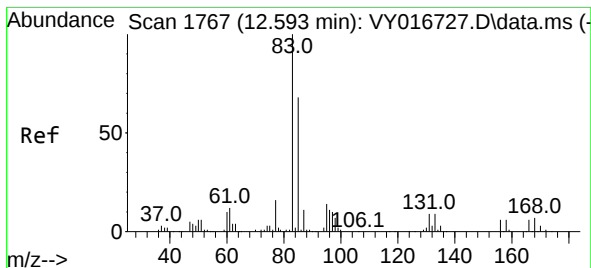
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#74
N-ethyl acetate
Concen: 50.371 ug/l
RT: 12.160 min Scan# 1696
Delta R.T. 0.006 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

Tgt Ion: 43 Resp: 79358
Ion Ratio Lower Upper
43 100
70 44.8 36.6 55.0
55 27.5 22.2 33.4
61 24.3 20.2 30.4





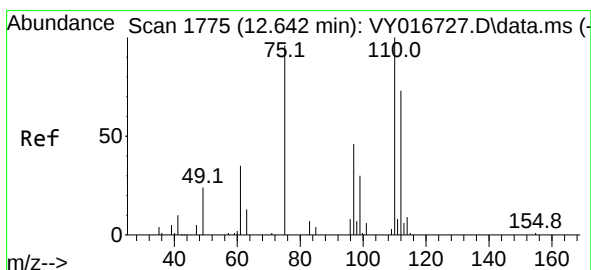
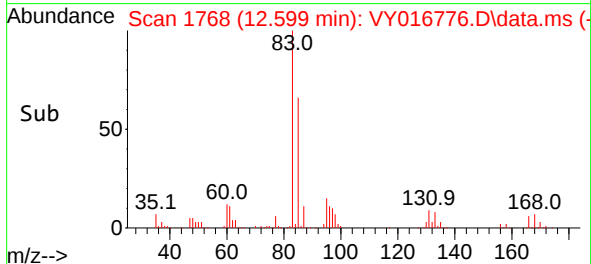
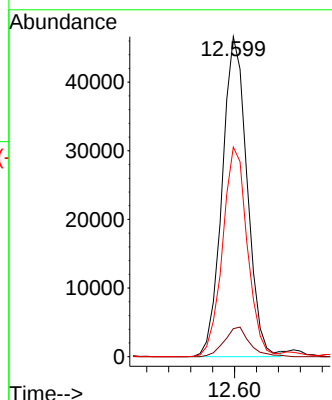
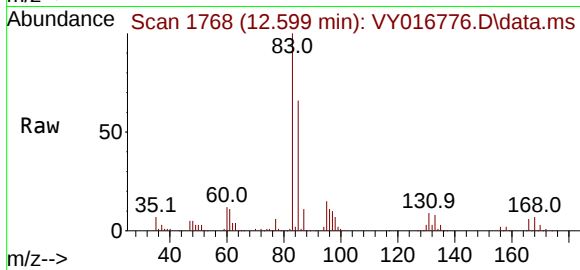
#75
1,1,2,2-Tetrachloroethane
Concen: 49.100 ug/l
RT: 12.599 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 7365
Ion Ratio Lower Upper
83 100
131 9.4 4.9 14.6
85 65.2 32.6 98.0

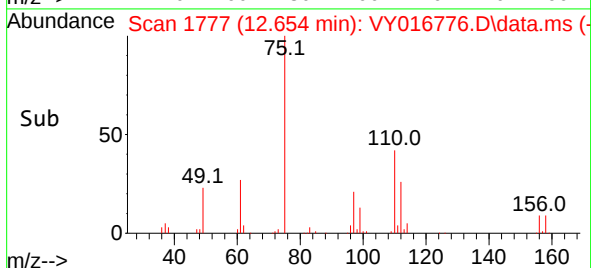
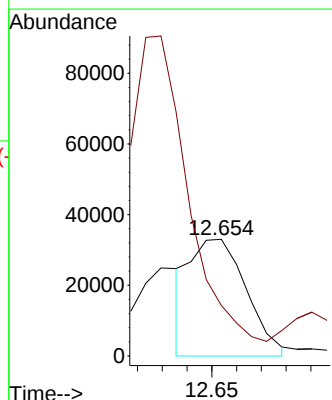
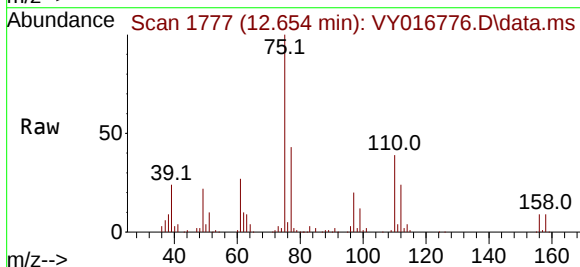
Manual Integrations
APPROVED

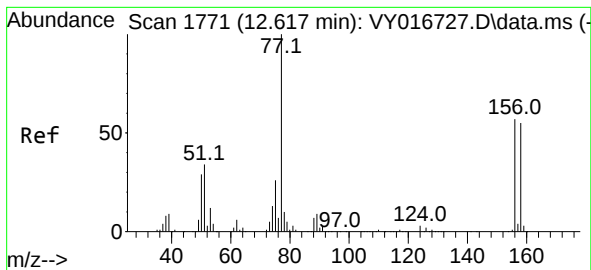
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#76
1,2,3-Trichloropropane
Concen: 48.947 ug/l m
RT: 12.654 min Scan# 1777
Delta R.T. 0.012 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

Tgt Ion: 75 Resp: 52155
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.522 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.012 min

Lab File: VY016776.D

Acq: 21 Dec 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

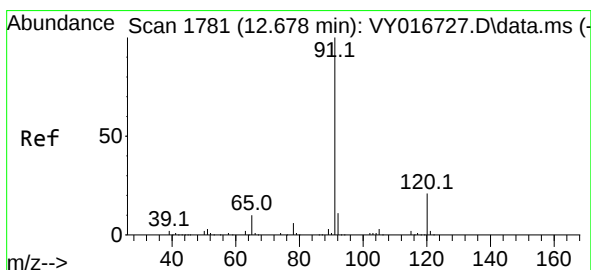
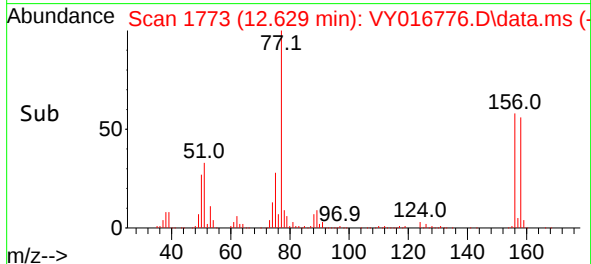
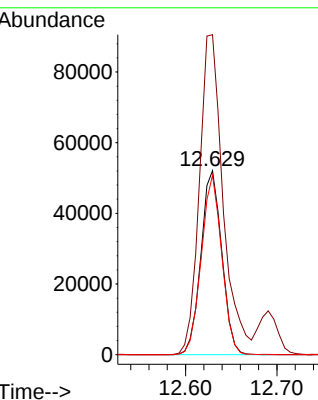
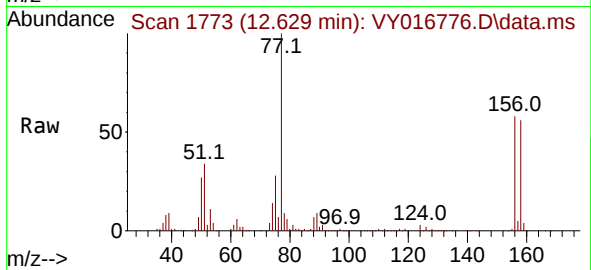
VSTDCCC050

Tgt Ion:	156	Resp:	8274
Ion Ratio	Lower	Upper	
156	100		
77	197.5	97.3	291.8
158	95.6	48.4	145.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#78

n-propylbenzene

Concen: 51.050 ug/l

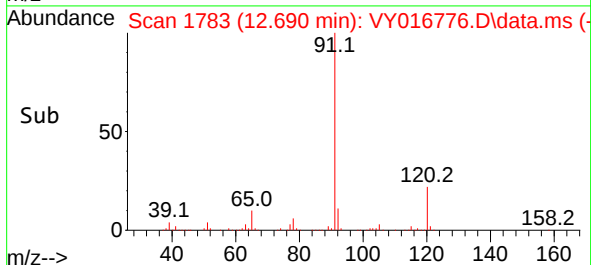
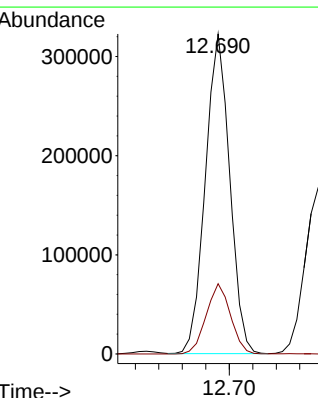
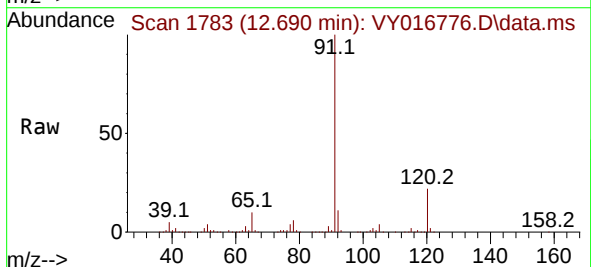
RT: 12.690 min Scan# 1783

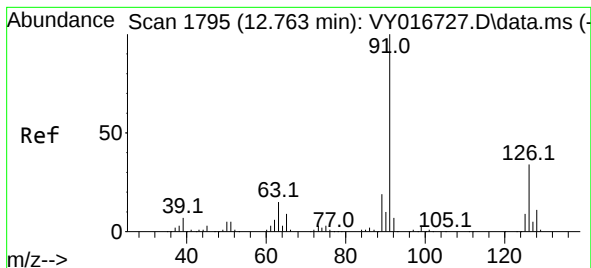
Delta R.T. 0.012 min

Lab File: VY016776.D

Acq: 21 Dec 2023 23:34

Tgt Ion:	91	Resp:	464315
Ion Ratio	Lower	Upper	
91	100		
120	21.9	11.0	33.0





#79

2-Chlorotoluene

Concen: 51.027 ug/l

RT: 12.776 min Scan# 1795

Delta R.T. 0.012 min

Lab File: VY016776.D

Acq: 21 Dec 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 256810

Ion Ratio Lower Upper

91 100

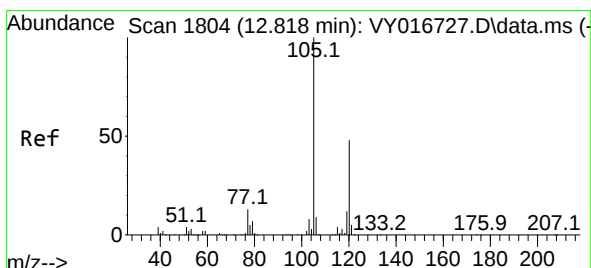
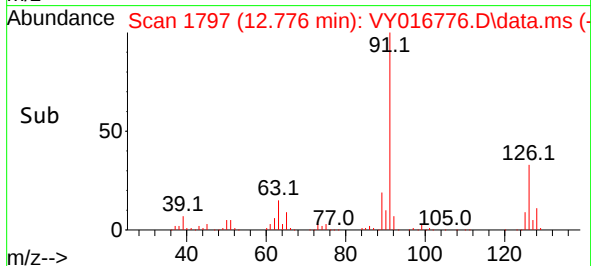
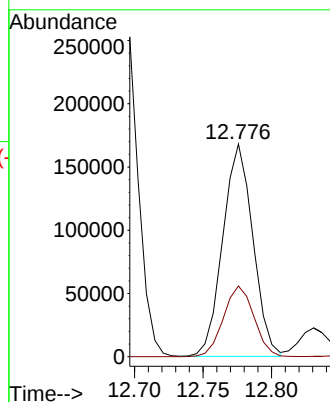
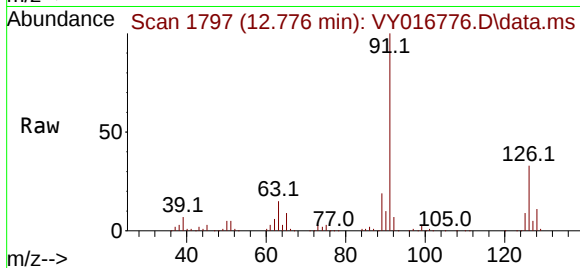
126 33.6 17.0 51.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#80

1,3,5-Trimethylbenzene

Concen: 51.917 ug/l

RT: 12.831 min Scan# 1806

Delta R.T. 0.012 min

Lab File: VY016776.D

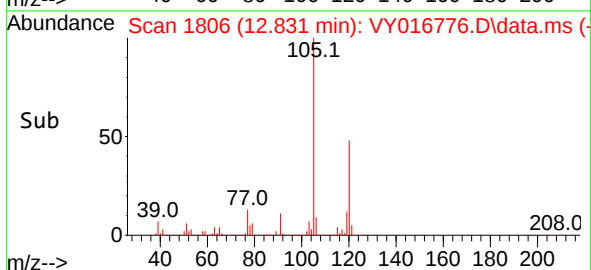
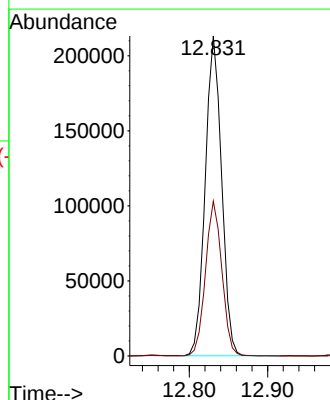
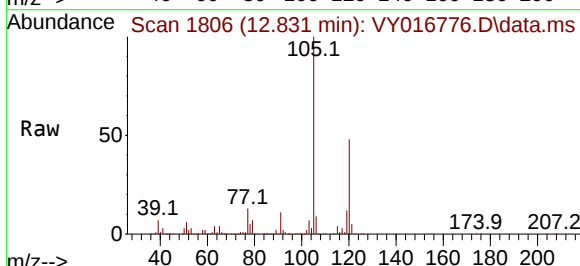
Acq: 21 Dec 2023 23:34

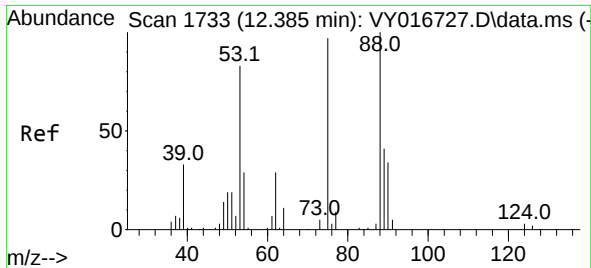
Tgt Ion:105 Resp: 308515

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8





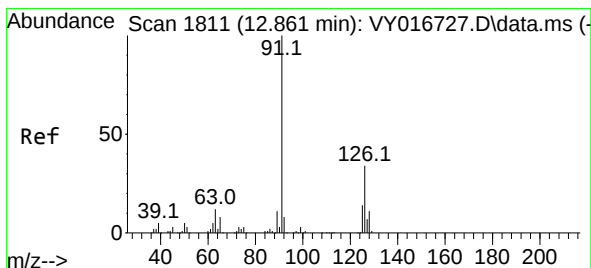
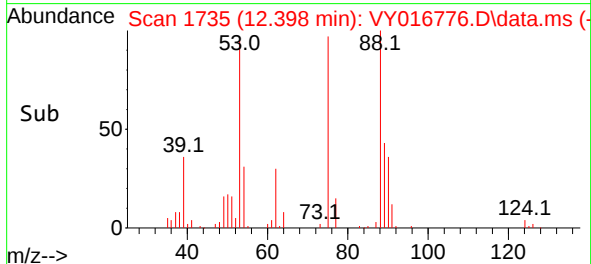
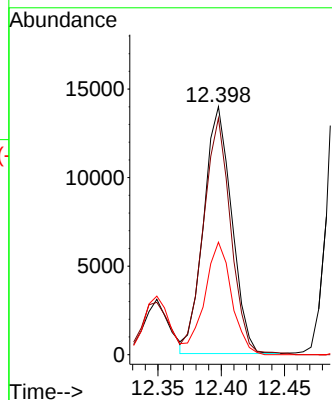
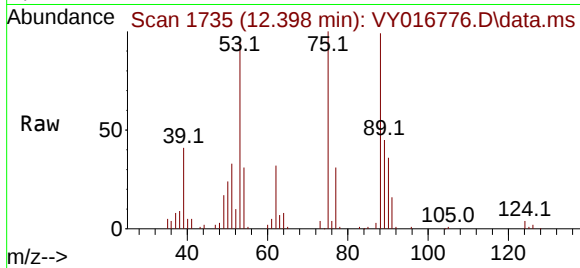
#81
trans-1,4-Dichloro-2-butene
Concen: 47.379 ug/l
RT: 12.398 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2149
Ion Ratio Lower Upper
75 100
53 93.8 74.0 111.0
89 44.0 36.5 54.7

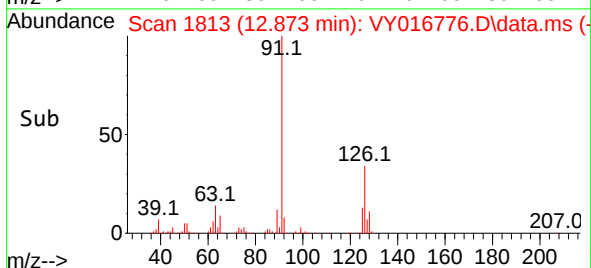
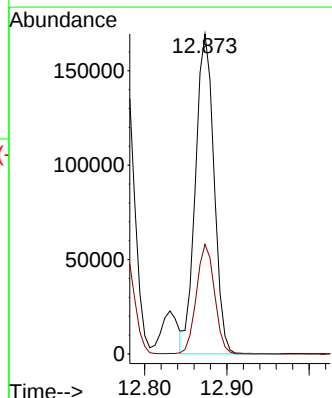
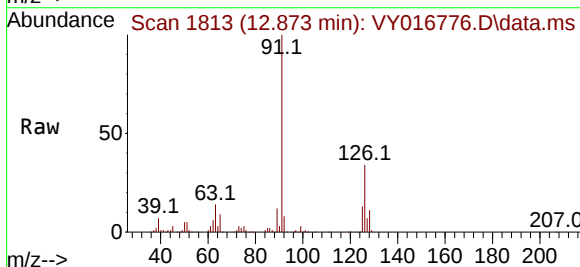
Manual Integrations
APPROVED

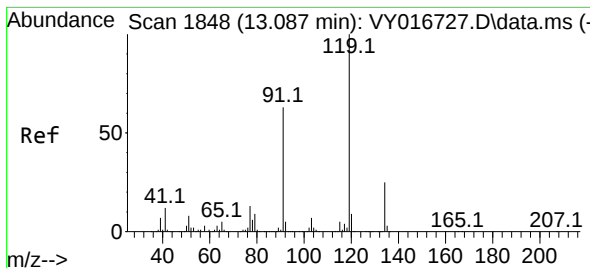
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#82
4-Chlorotoluene
Concen: 51.216 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

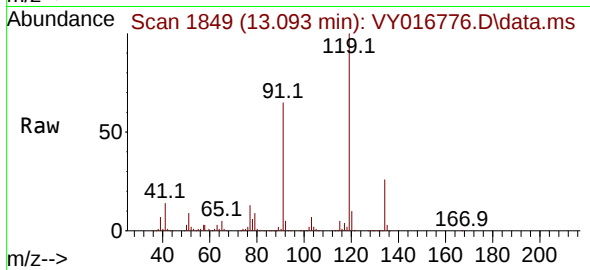
Tgt Ion: 91 Resp: 264438
Ion Ratio Lower Upper
91 100
126 33.7 17.1 51.2





#83
tert-Butylbenzene
Concen: 51.385 ug/l
RT: 13.093 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

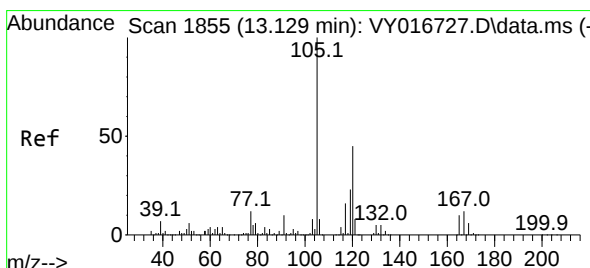
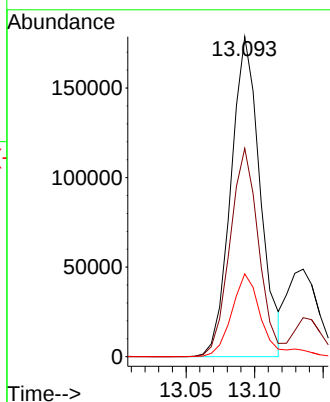
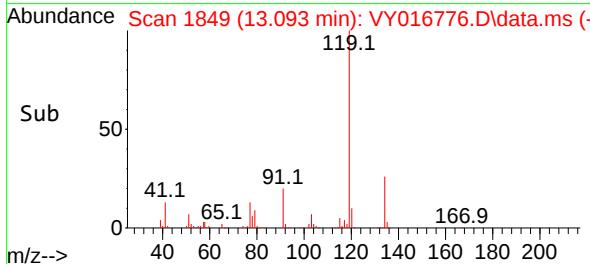
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



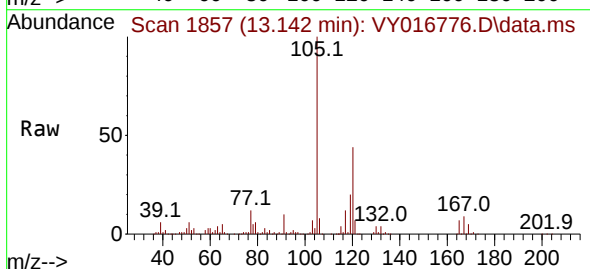
Tgt Ion:119 Resp: 26560
Ion Ratio Lower Upper
119 100
91 63.7 31.5 94.5
134 26.9 13.1 39.3

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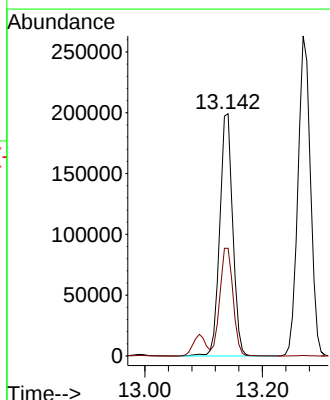
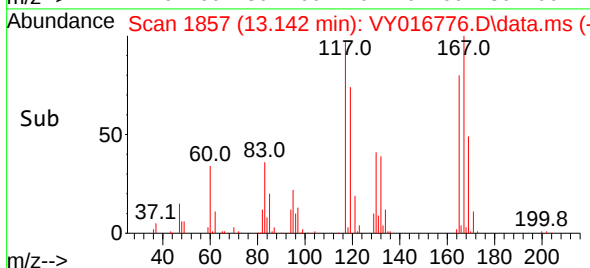
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

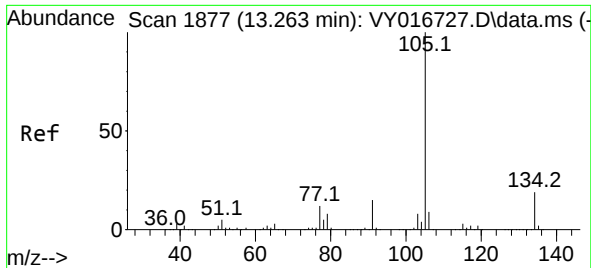


#84
1,2,4-Trimethylbenzene
Concen: 52.114 ug/l
RT: 13.142 min Scan# 1857
Delta R.T. 0.012 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34



Tgt Ion:105 Resp: 305369
Ion Ratio Lower Upper
105 100
120 45.1 22.1 66.3





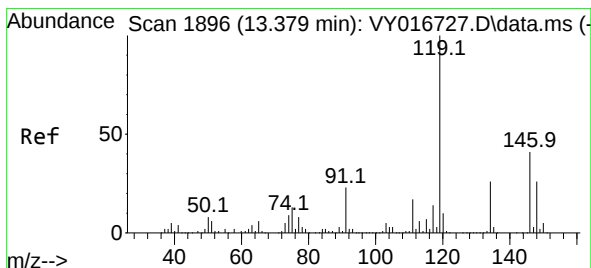
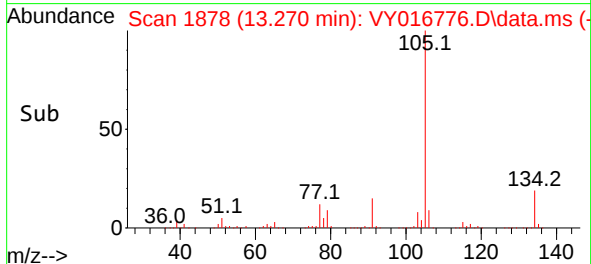
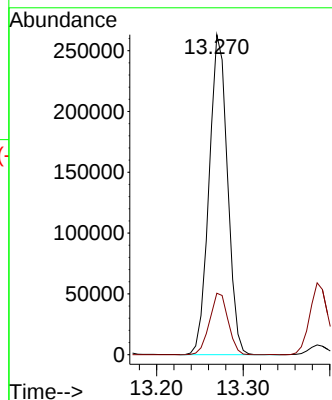
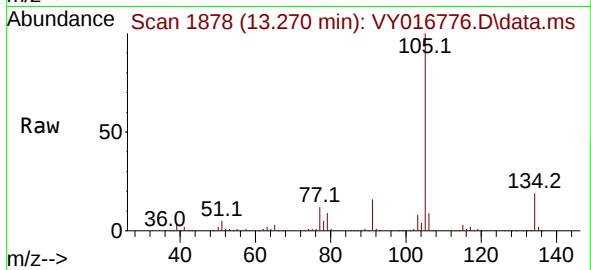
#85
 sec-Butylbenzene
 Concen: 50.727 ug/l
 RT: 13.270 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY016776.D
 Acq: 21 Dec 2023 23:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 38836
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9

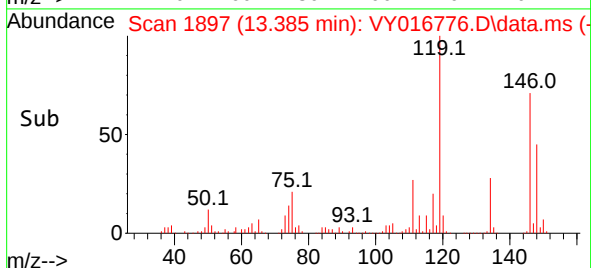
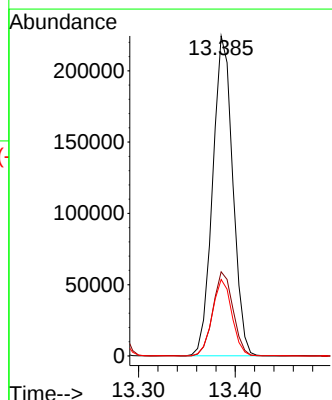
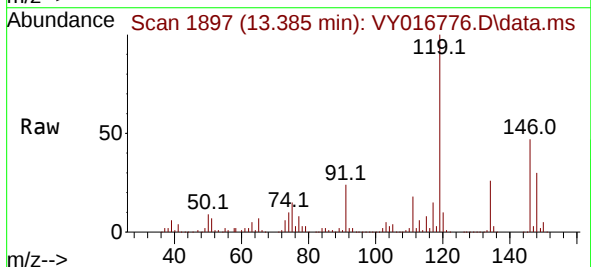
Manual Integrations
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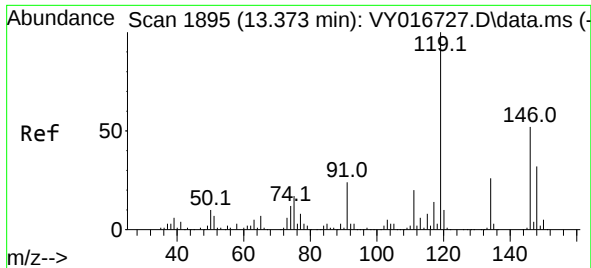
Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023



#86
 p-Isopropyltoluene
 Concen: 50.798 ug/l
 RT: 13.385 min Scan# 1897
 Delta R.T. 0.006 min
 Lab File: VY016776.D
 Acq: 21 Dec 2023 23:34

Tgt Ion:119 Resp: 323886
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 23.3 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 50.137 ug/l

RT: 13.385 min Scan# 1895

Delta R.T. 0.012 min

Lab File: VY016776.D

Acq: 21 Dec 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 160464

Ion Ratio Lower Upper

146 100

111 40.0 20.2 60.5

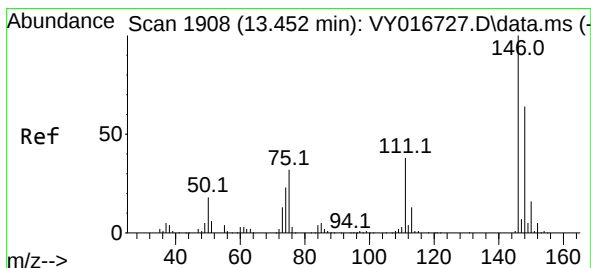
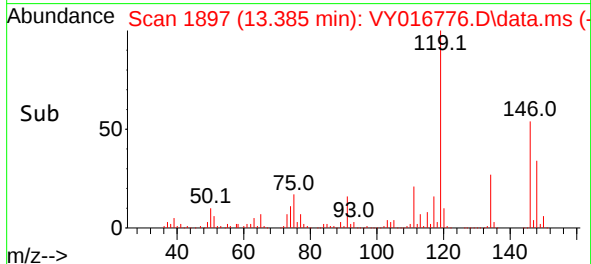
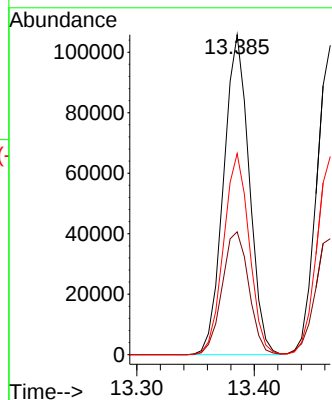
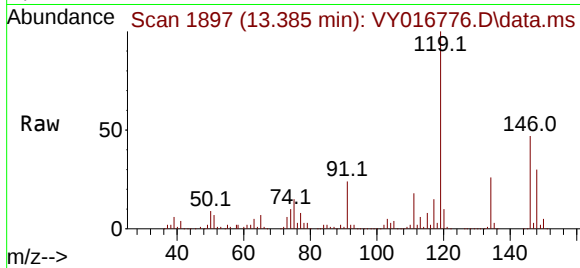
148 62.9 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#88

1,4-Dichlorobenzene

Concen: 49.731 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.012 min

Lab File: VY016776.D

Acq: 21 Dec 2023 23:34

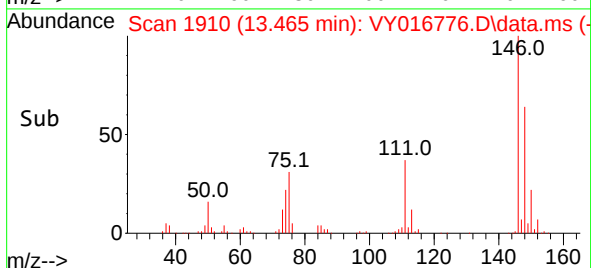
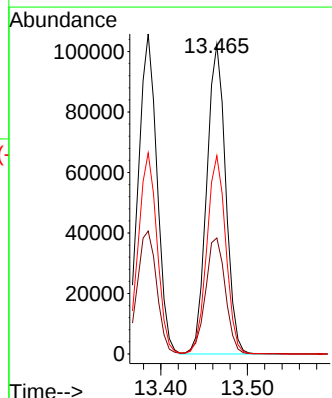
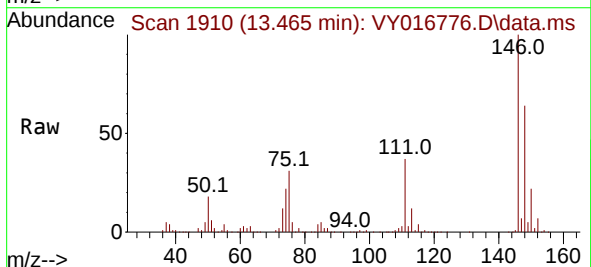
Tgt Ion:146 Resp: 155420

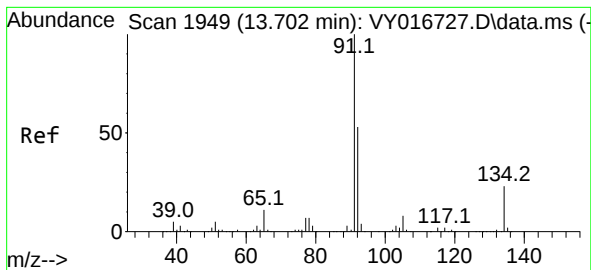
Ion Ratio Lower Upper

146 100

111 39.2 19.3 57.9

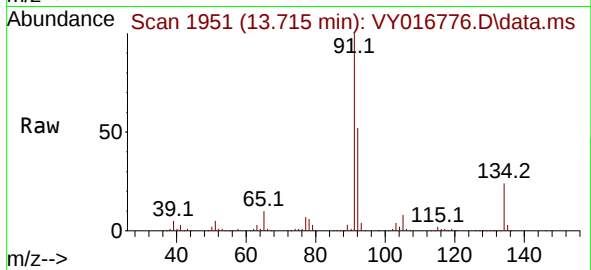
148 64.1 31.6 94.7





#89
n-Butylbenzene
Concen: 51.415 ug/l
RT: 13.715 min Scan# 1951
Delta R.T. 0.012 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

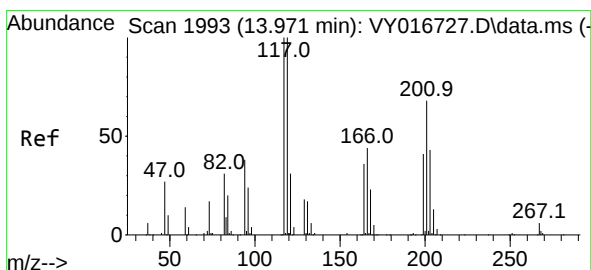
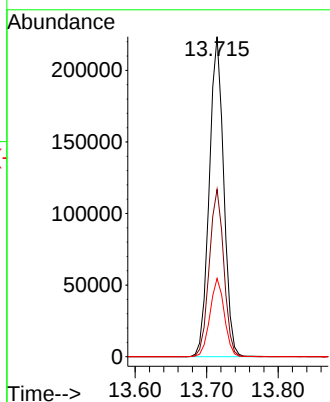
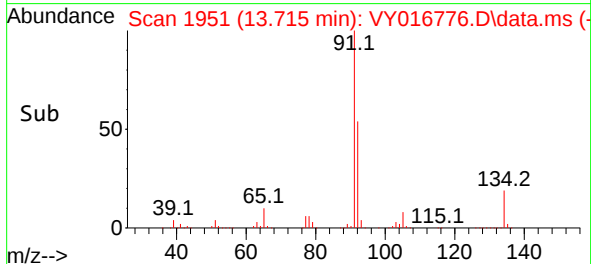
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 313369
Ion Ratio Lower Upper
91 100
92 52.6 26.4 79.2
134 24.3 12.3 36.8

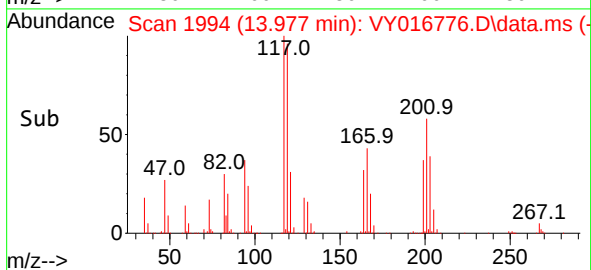
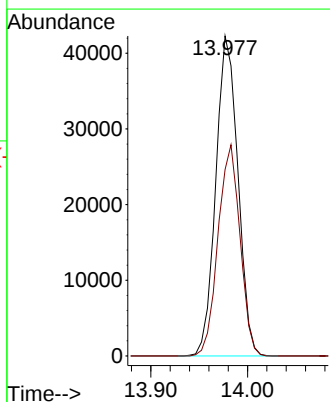
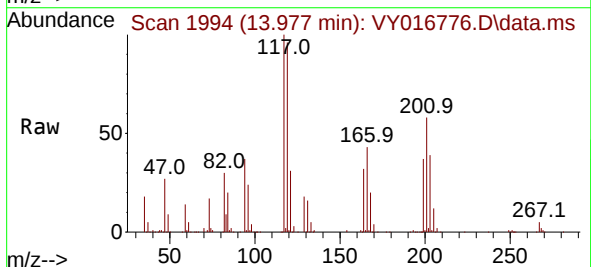
Manual Integrations
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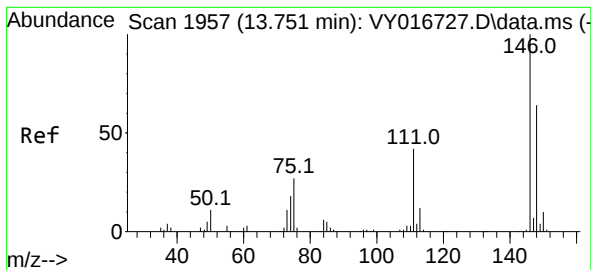
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#90
Hexachloroethane
Concen: 50.544 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

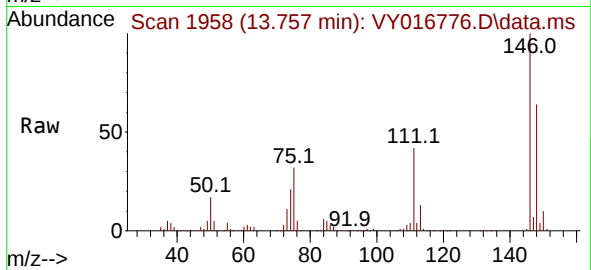
Tgt Ion:117 Resp: 67104
Ion Ratio Lower Upper
117 100
201 65.5 33.4 100.1





#91
1,2-Dichlorobenzene
Concen: 51.203 ug/l
RT: 13.757 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

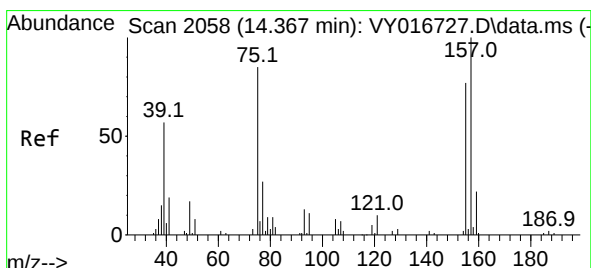
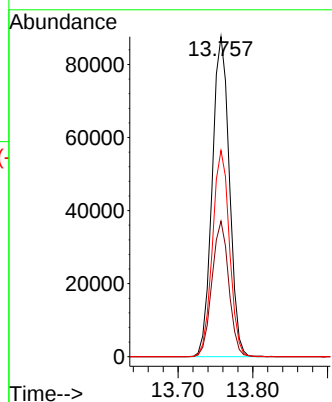
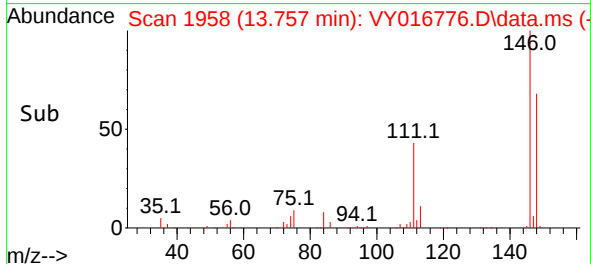
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



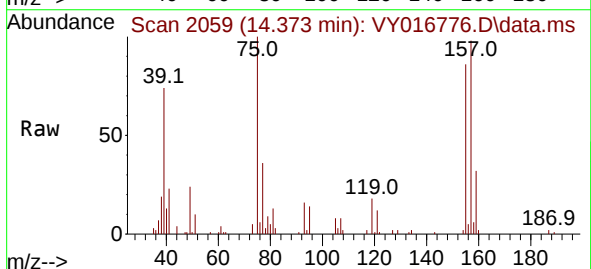
Tgt Ion:146 Resp: 139608
Ion Ratio Lower Upper
146 100
111 41.4 20.5 61.6
148 63.7 31.4 94.3

Manual Integrations
APPROVED

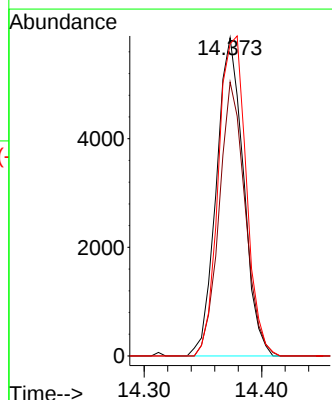
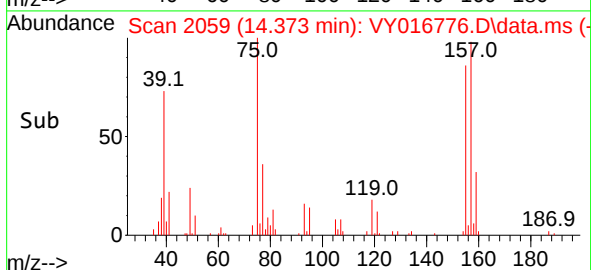
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

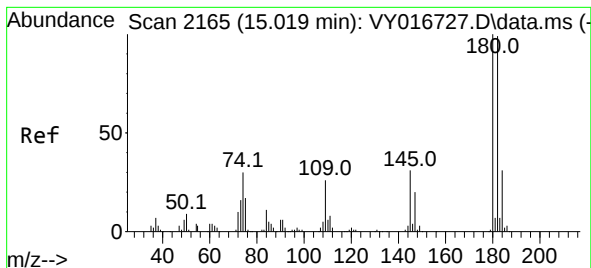


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.164 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34



Tgt Ion: 75 Resp: 9366
Ion Ratio Lower Upper
75 100
155 82.4 42.1 126.3
157 103.4 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 50.093 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY016776.D

Acq: 21 Dec 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

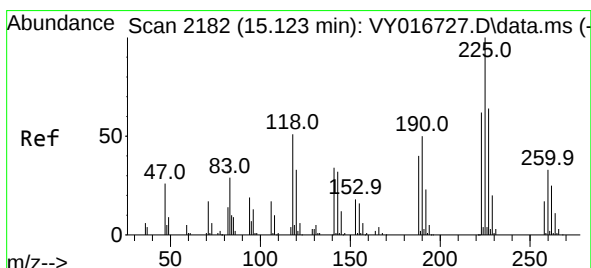
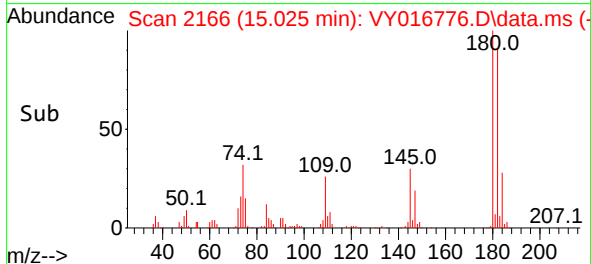
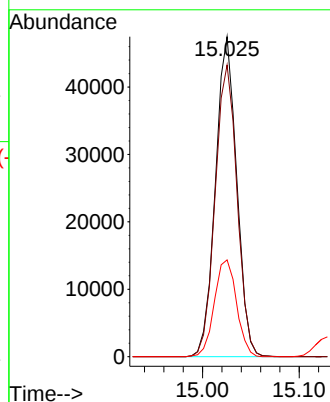
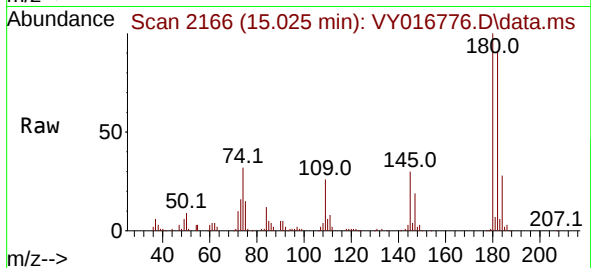
VSTDCCC050

Tgt Ion:180	Resp:	7247
Ion Ratio	Lower	Upper
180	100	
182	93.9	47.9 143.7
145	31.6	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#94

Hexachlorobutadiene

Concen: 48.976 ug/l

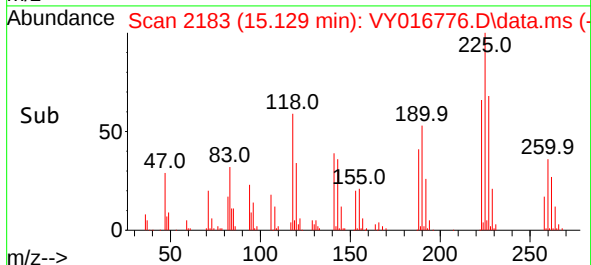
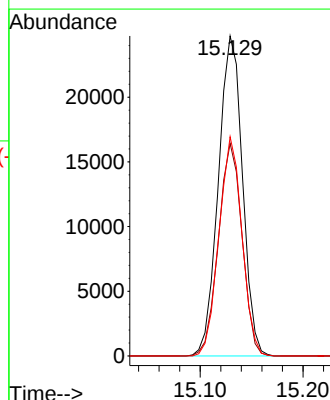
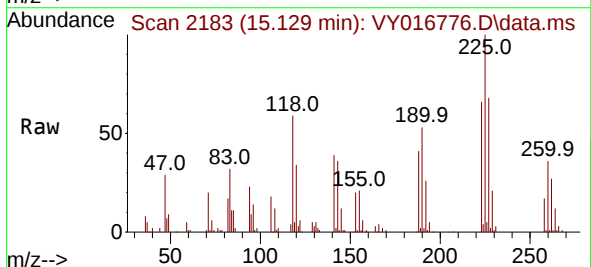
RT: 15.129 min Scan# 2183

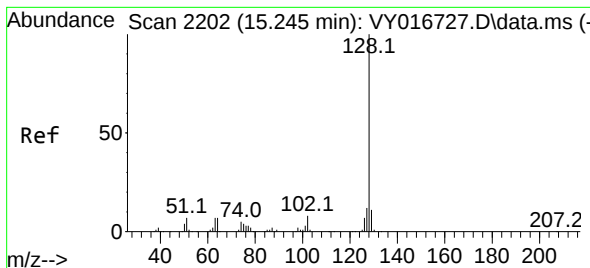
Delta R.T. 0.006 min

Lab File: VY016776.D

Acq: 21 Dec 2023 23:34

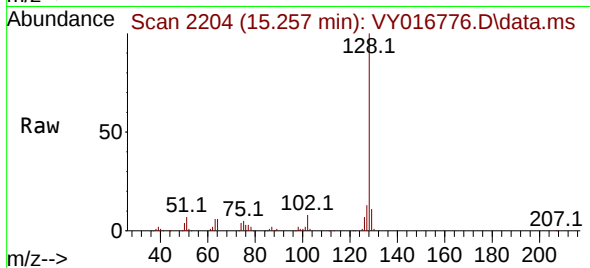
Tgt Ion:225	Resp:	40245
Ion Ratio	Lower	Upper
225	100	
223	65.0	31.4 94.3
227	65.3	32.3 96.8





#95
Naphthalene
Concen: 45.354 ug/l
RT: 15.257 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34

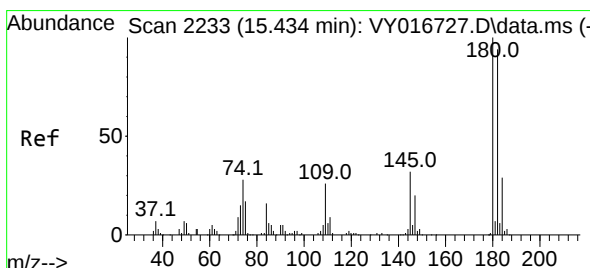
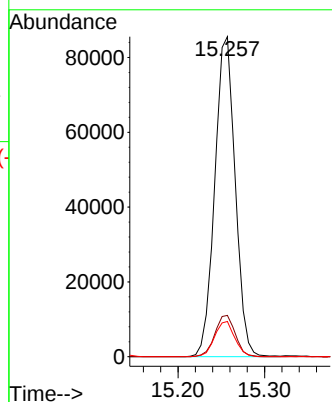
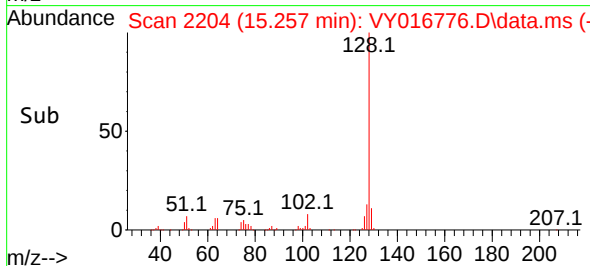
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



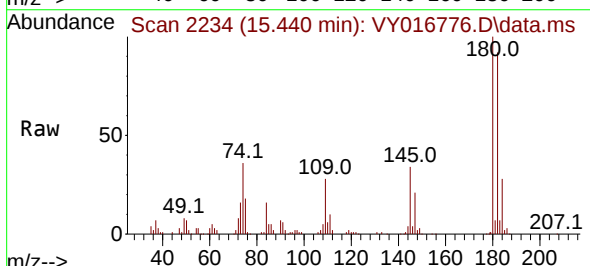
Tgt Ion:128 Resp: 14013
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.797 ug/l
RT: 15.440 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY016776.D
Acq: 21 Dec 2023 23:34



Tgt Ion:180 Resp: 61358
Ion Ratio Lower Upper
180 100
182 93.6 46.3 138.8
145 33.1 16.1 48.2

