

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016778.D
 Acq On : 22 Dec 2023 00:42
 Operator : SY/MD
 Sample : VY1221SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1221SBS02

Quant Time: Dec 22 00:48:43 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	138527	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.715	114	246342	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	212292	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	89533	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	67851	53.654	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.300%			
35) Dibromofluoromethane	7.746	113	69605	49.326	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.660%			
50) Toluene-d8	10.203	98	248509	48.853	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.700%			
62) 4-Bromofluorobenzene	12.501	95	81125	49.157	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	23249	19.639	ug/l	97
3) Chloromethane	2.125	50	38469	21.140	ug/l	96
4) Vinyl Chloride	2.265	62	41488	20.185	ug/l	99
5) Bromomethane	2.668	94	31637	21.611	ug/l	98
6) Chloroethane	2.814	64	28431	20.413	ug/l	97
7) Trichlorofluoromethane	3.149	101	47966	20.033	ug/l	97
8) Diethyl Ether	3.552	74	17033	22.237	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.924	101	29352	19.984	ug/l	99
10) Methyl Iodide	4.119	142	28337	18.514	ug/l	99
11) Tert butyl alcohol	4.984	59	13832	133.402	ug/l	96
12) 1,1-Dichloroethene	3.899	96	26301	20.111	ug/l	92
13) Acrolein	3.753	56	11052	138.149	ug/l	99
14) Allyl chloride	4.509	41	44144	22.038	ug/l	100
15) Acrylonitrile	5.198	53	39897	122.998	ug/l	98
16) Acetone	3.979	43	40134	117.363	ug/l	100
17) Carbon Disulfide	4.228	76	69462	19.521	ug/l	98
18) Methyl Acetate	4.509	43	31680	23.706	ug/l	99
19) Methyl tert-butyl Ether	5.259	73	77315	22.977	ug/l	97
20) Methylene Chloride	4.747	84	43495	22.923	ug/l	96
21) trans-1,2-Dichloroethene	5.253	96	32215	21.599	ug/l	95
22) Diisopropyl ether	6.155	45	106270	23.450	ug/l	96
23) Vinyl Acetate	6.094	43	230357	107.478	ug/l	100
24) 1,1-Dichloroethane	6.051	63	61998	22.775	ug/l	97
25) 2-Butanone	7.021	43	56727	120.485	ug/l	96
26) 2,2-Dichloropropane	7.021	77	47878	20.154	ug/l	99
27) cis-1,2-Dichloroethene	7.021	96	37888	22.072	ug/l	98
28) Bromochloromethane	7.368	49	24212	22.472	ug/l	96
29) Tetrahydrofuran	7.380	42	31830	123.639	ug/l	99
30) Chloroform	7.539	83	63267	22.703	ug/l	95
31) Cyclohexane	7.813	56	46637	19.248	ug/l	98
32) 1,1,1-Trichloroethane	7.734	97	50869	20.795	ug/l	98
36) 1,1-Dichloropropene	7.947	75	43869	19.392	ug/l	99
37) Ethyl Acetate	7.100	43	23703	24.445	ug/l	99
38) Carbon Tetrachloride	7.929	117	43785	19.559	ug/l	97
39) Methylcyclohexane	9.209	83	46841	17.934	ug/l	99
40) Benzene	8.191	78	138310	21.010	ug/l	97

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 Supervised By :Semsettin Yesilyurt 12/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	11459	22.258	ug/l	90
42) 1,2-Dichloroethane	8.264	62	37940	22.090	ug/l	99
43) Isopropyl Acetate	8.295	43	43529	23.114	ug/l	98
44) Trichloroethene	8.965	130	33834	20.136	ug/l	92
45) 1,2-Dichloropropane	9.240	63	35168	21.296	ug/l	97
46) Dibromomethane	9.331	93	18699	21.919	ug/l	99
47) Bromodichloromethane	9.520	83	48223	21.447	ug/l	94
48) Methyl methacrylate	9.313	41	22623	21.614	ug/l	96
49) 1,4-Dioxane	9.331	88	3843	464.125	ug/l	94
51) 4-Methyl-2-Pentanone	10.093	43	114089	113.700	ug/l	99
52) Toluene	10.270	92	82524	20.918	ug/l	100
53) t-1,3-Dichloropropene	10.490	75	43059	21.002	ug/l	96
54) cis-1,3-Dichloropropene	9.953	75	52403	21.190	ug/l	97
55) 1,1,2-Trichloroethane	10.666	97	27492	22.587	ug/l	95
56) Ethyl methacrylate	10.532	69	23429	21.890	ug/l	96
57) 1,3-Dichloropropane	10.813	76	46123	22.310	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.807	63	58949	102.383	ug/l	100
59) 2-Hexanone	10.855	43	81778	109.298	ug/l	99
60) Dibromochloromethane	11.008	129	31050	22.052	ug/l	97
61) 1,2-Dibromoethane	11.111	107	24569	22.508	ug/l	98
64) Tetrachloroethene	10.739	164	26613	20.181	ug/l	97
65) Chlorobenzene	11.538	112	86589	20.760	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.611	131	32185	20.509	ug/l	99
67) Ethyl Benzene	11.611	91	153408	19.983	ug/l	98
68) m/p-Xylenes	11.721	106	114053	40.232	ug/l	99
69) o-Xylene	12.050	106	53425	20.542	ug/l	99
70) Styrene	12.062	104	78513	20.401	ug/l	99
71) Bromoform	12.227	173	16387	20.945	ug/l #	97
73) Isopropylbenzene	12.349	105	143519	20.582	ug/l	99
74) N-amyl acetate	12.166	43	32449	22.174	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	31879	22.878	ug/l	98
76) 1,2,3-Trichloropropane	12.654	75	23378m	23.620	ug/l	
77) Bromobenzene	12.629	156	31740	20.865	ug/l	96
78) n-propylbenzene	12.690	91	172335	20.399	ug/l	99
79) 2-Chlorotoluene	12.776	91	98661	21.105	ug/l	99
80) 1,3,5-Trimethylbenzene	12.831	105	114750	20.789	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.398	75	8807	20.897	ug/l	99
82) 4-Chlorotoluene	12.873	91	99093	20.662	ug/l	100
83) tert-Butylbenzene	13.093	119	97459	20.299	ug/l	98
84) 1,2,4-Trimethylbenzene	13.142	105	112145	20.604	ug/l	98
85) sec-Butylbenzene	13.276	105	144049	20.256	ug/l	100
86) p-Isopropyltoluene	13.391	119	119346	20.152	ug/l	99
87) 1,3-Dichlorobenzene	13.385	146	62422	20.997	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	60059	20.690	ug/l	98
89) n-Butylbenzene	13.715	91	112689	19.905	ug/l	99
90) Hexachloroethane	13.983	117	25599	20.758	ug/l	95
91) 1,2-Dichlorobenzene	13.757	146	53429	21.096	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.373	75	3948	21.857	ug/l	98
93) 1,2,4-Trichlorobenzene	15.025	180	26813	19.953	ug/l	99
94) Hexachlorobutadiene	15.129	225	15542	20.362	ug/l	99
95) Naphthalene	15.257	128	52097	20.308	ug/l	98
96) 1,2,3-Trichlorobenzene	15.446	180	23254	20.318	ug/l	98

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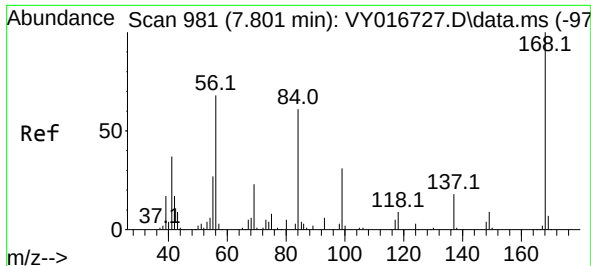
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 12/22/2023

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QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration

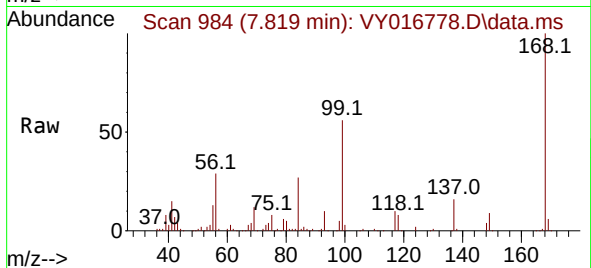
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 984
Delta R.T. 0.018 min
Lab File: VY016778.D
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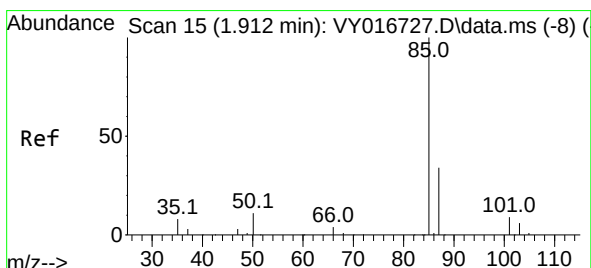
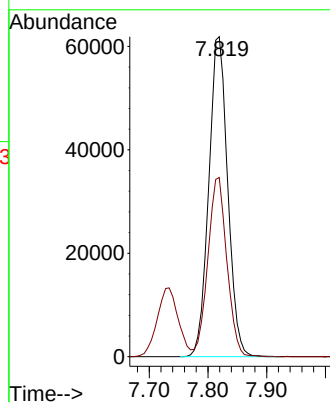
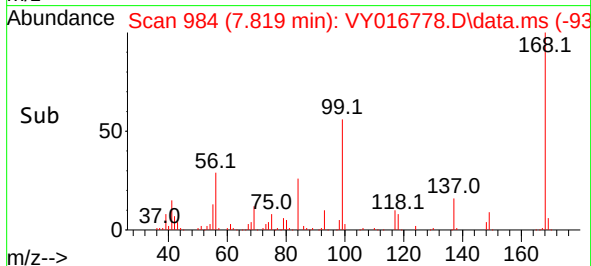
Instrument :
MSVOA_Y
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VY1221SBS02



Tgt Ion:168 Resp: 13852
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4

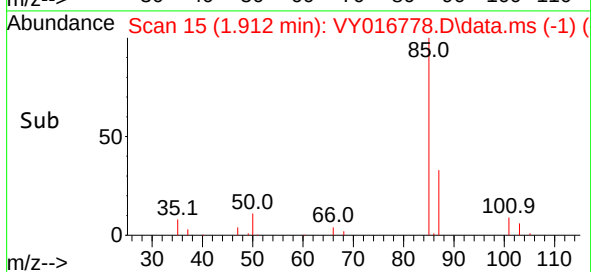
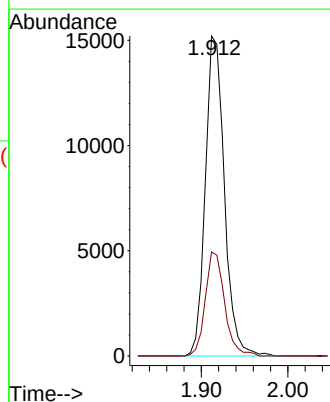
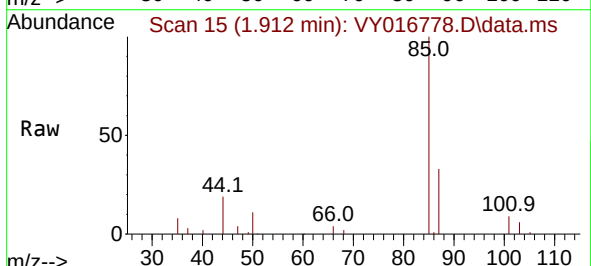
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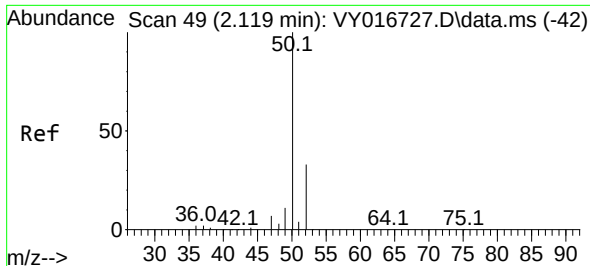
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#2
Dichlorodifluoromethane
Concen: 19.639 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

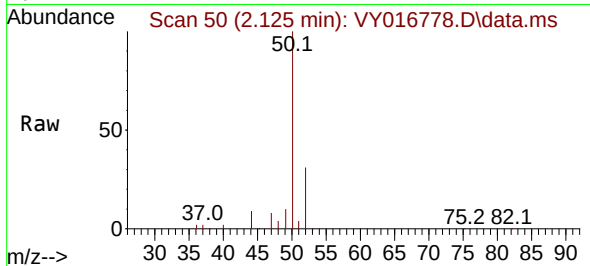
Tgt Ion: 85 Resp: 23249
Ion Ratio Lower Upper
85 100
87 32.5 17.1 51.3





#3
Chloromethane
Concen: 21.140 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

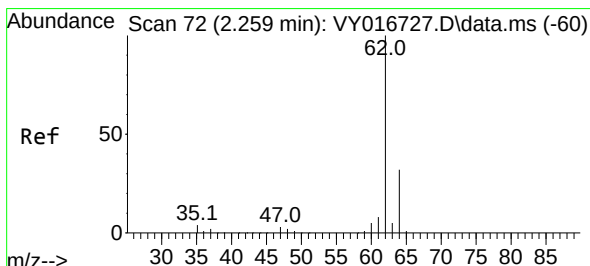
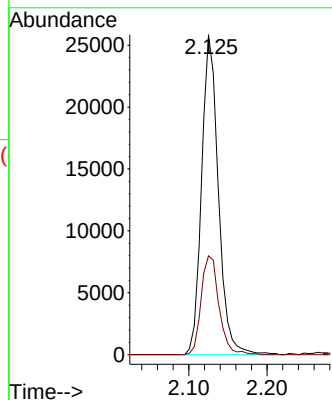
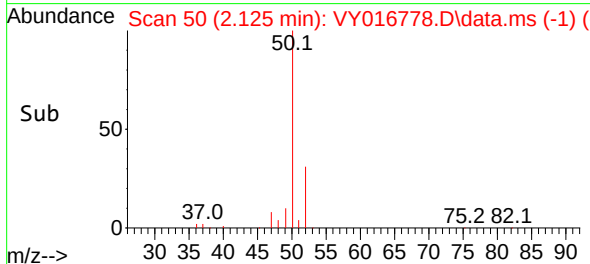
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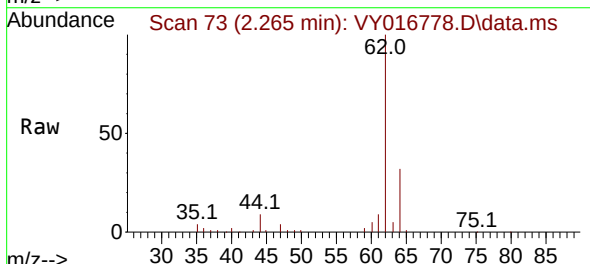
Tgt Ion: 50 Resp: 38469
Ion Ratio Lower Upper
50 100
52 30.9 26.7 40.1

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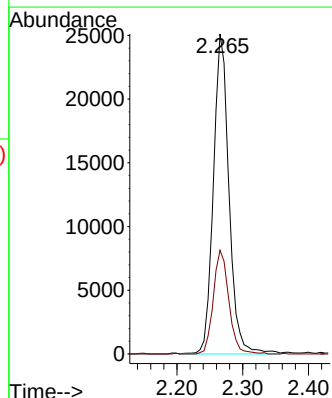
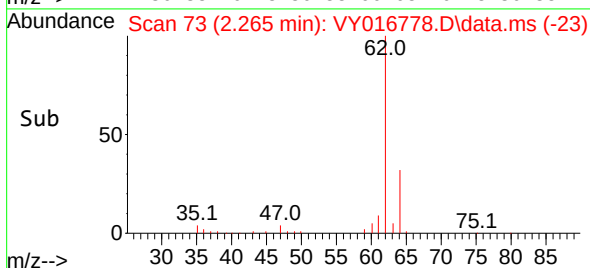
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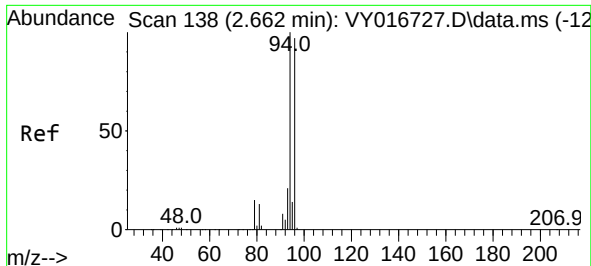


#4
Vinyl Chloride
Concen: 20.185 ug/l
RT: 2.265 min Scan# 73
Delta R.T. 0.006 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42



Tgt Ion: 62 Resp: 41488
Ion Ratio Lower Upper
62 100
64 32.4 25.7 38.5





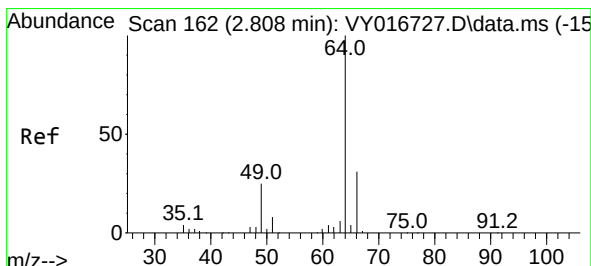
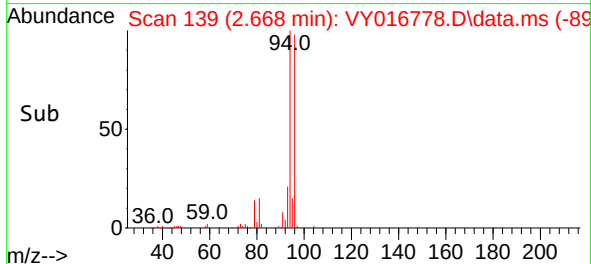
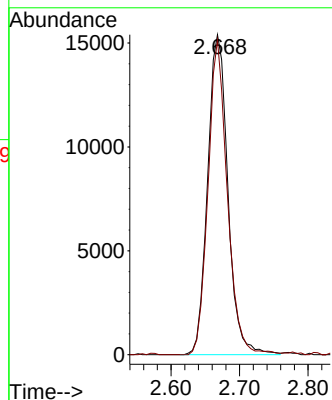
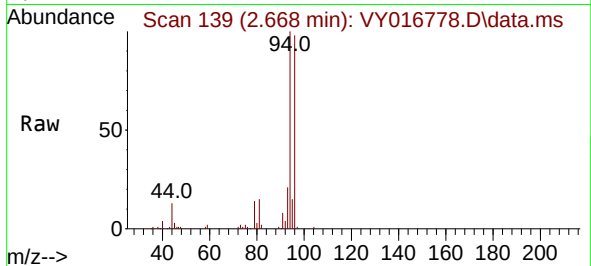
#5
Bromomethane
Concen: 21.611 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

Instrument :
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Tgt Ion: 94 Resp: 3163
Ion Ratio Lower Upper
94 100
96 98.4 77.3 115.9

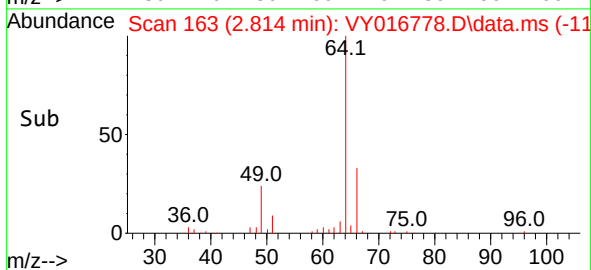
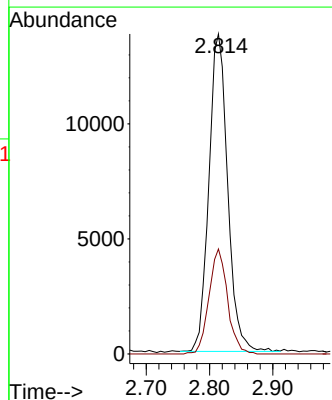
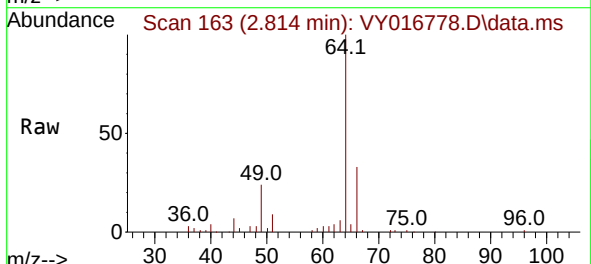
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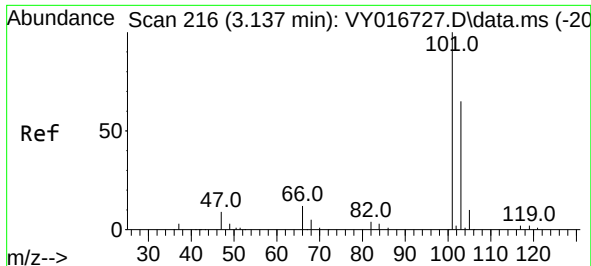
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#6
Chloroethane
Concen: 20.413 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.006 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

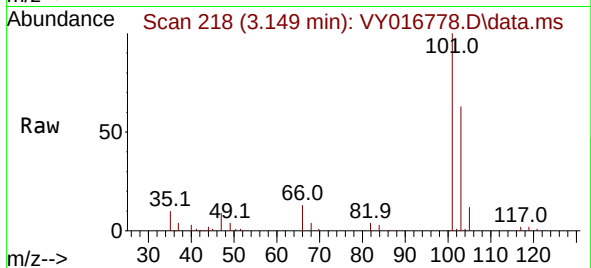
Tgt Ion: 64 Resp: 28431
Ion Ratio Lower Upper
64 100
66 33.1 25.1 37.7





#7
Trichlorofluoromethane
Concen: 20.033 ug/l
RT: 3.149 min Scan# 216
Delta R.T. 0.012 min
Lab File: VY016778.D
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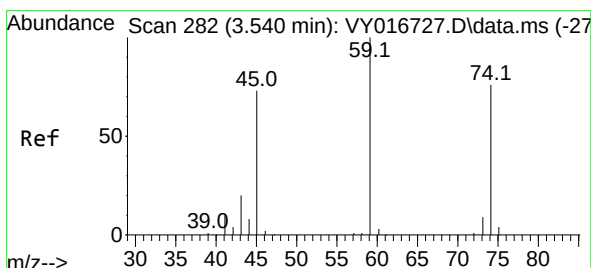
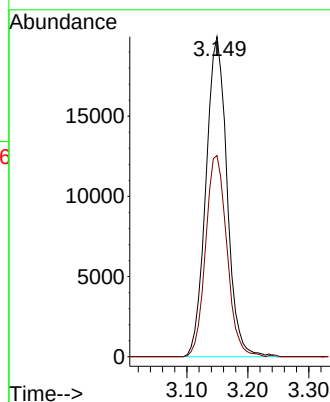
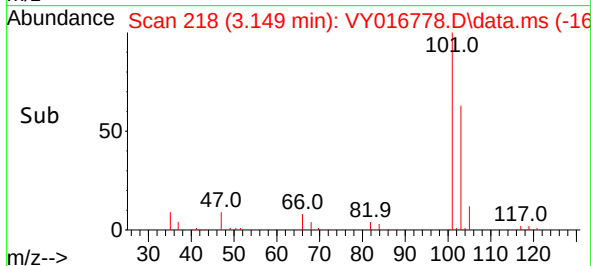
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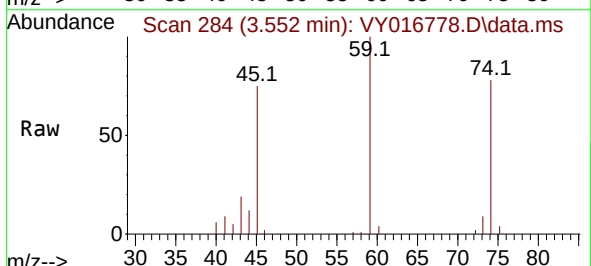
Tgt Ion:101 Resp: 47960
Ion Ratio Lower Upper
101 100
103 62.8 51.9 77.9

Manual Integrations
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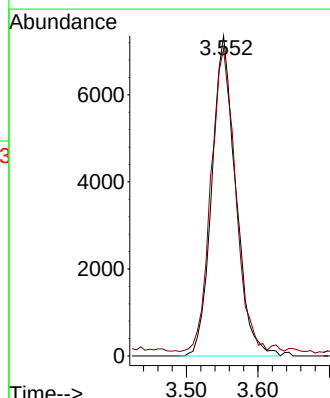
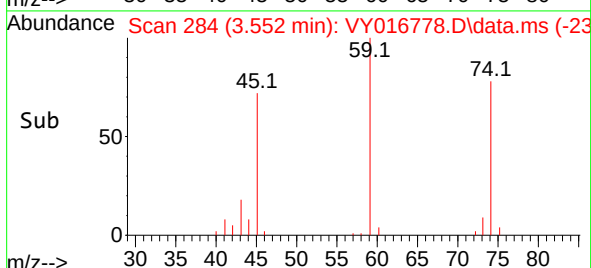
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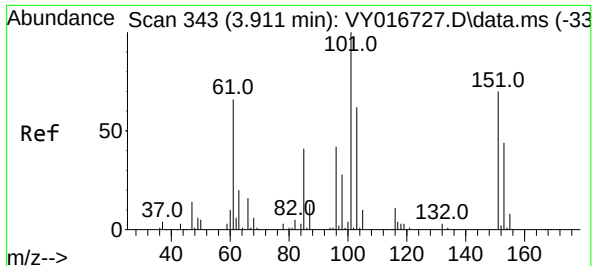


#8
Diethyl Ether
Concen: 22.237 ug/l
RT: 3.552 min Scan# 284
Delta R.T. 0.012 min
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Tgt Ion: 74 Resp: 17033
Ion Ratio Lower Upper
74 100
45 97.0 47.9 143.7





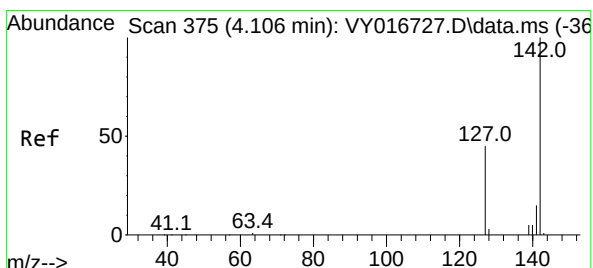
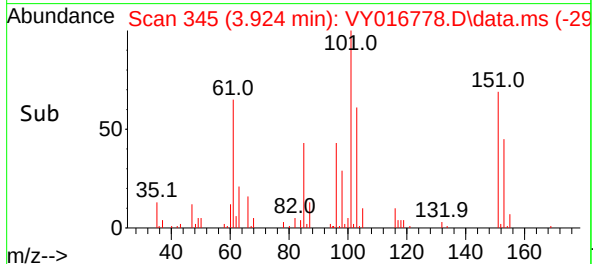
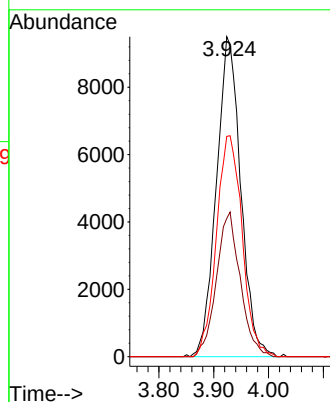
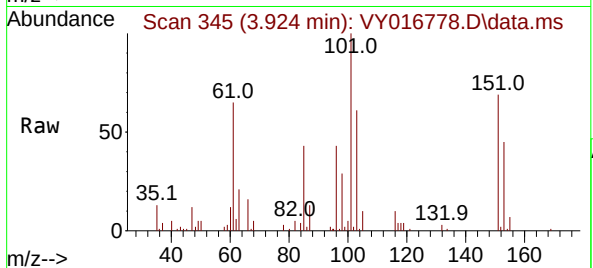
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.984 ug/l
RT: 3.924 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

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MSVOA_Y
ClientSampleId :
VY1221SBS02

Tgt Ion:101 Resp: 29352
Ion Ratio Lower Upper
101 100
85 44.4 35.8 53.6
151 72.9 58.6 88.0

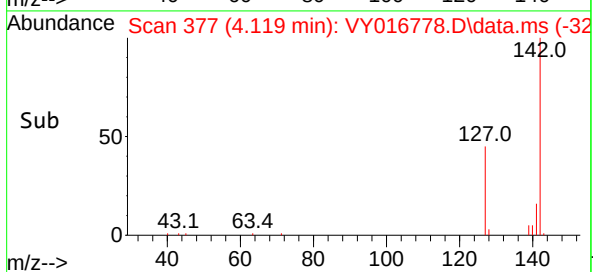
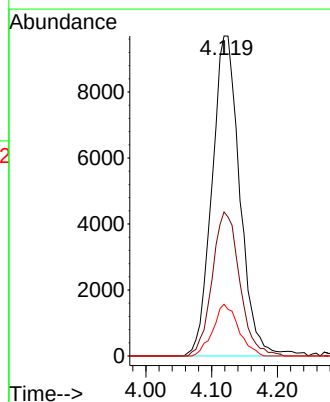
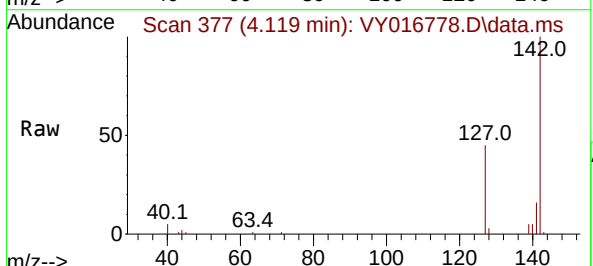
Manual Integrations
APPROVED

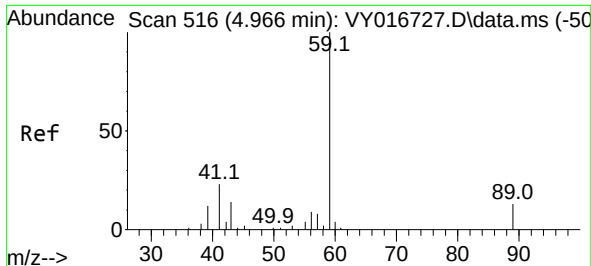
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#10
Methyl Iodide
Concen: 18.514 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

Tgt Ion:142 Resp: 28337
Ion Ratio Lower Upper
142 100
127 44.8 35.1 52.7
141 14.9 11.8 17.6





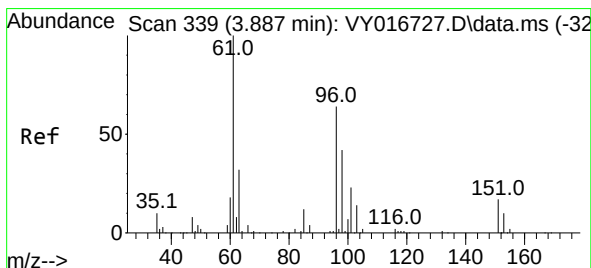
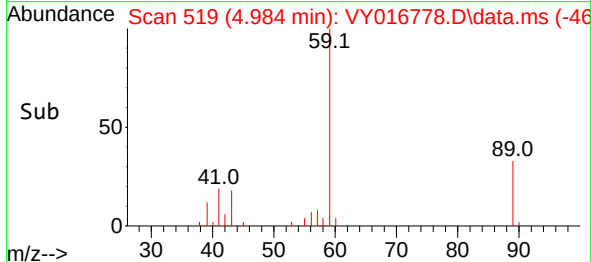
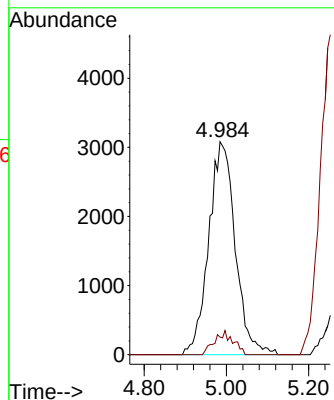
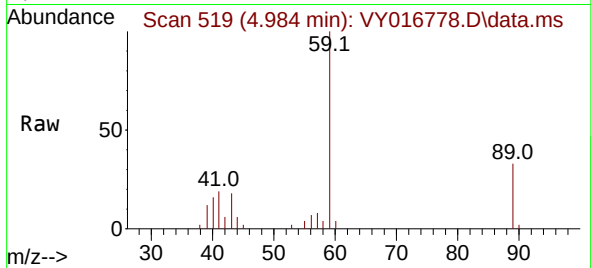
#11
Tert butyl alcohol
Concen: 133.402 ug/l
RT: 4.984 min Scan# 516
Delta R.T. 0.018 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS02

Tgt Ion: 59 Resp: 1383
Ion Ratio Lower Upper
59 100
57 7.8 7.4 11.0

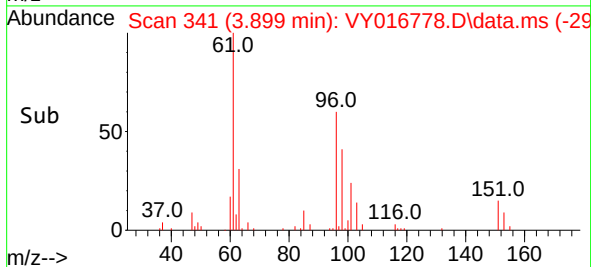
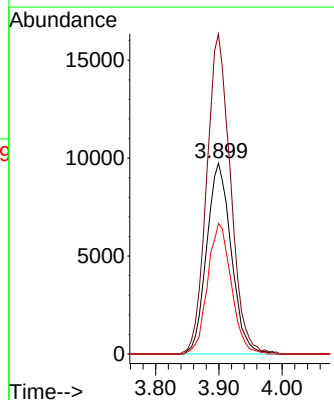
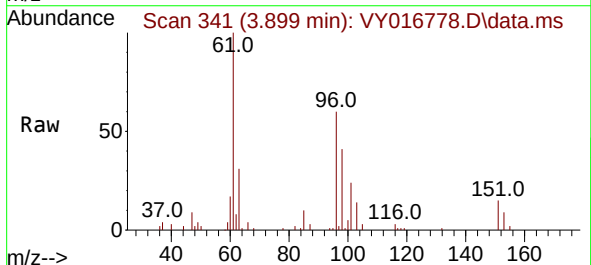
Manual Integrations
APPROVED

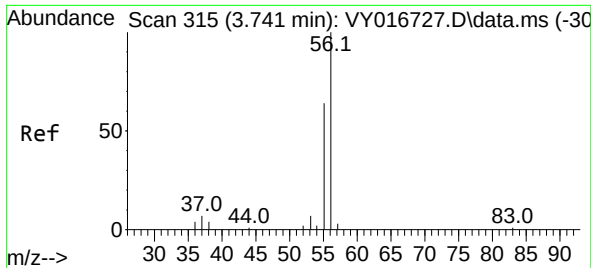
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#12
1,1-Dichloroethene
Concen: 20.111 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

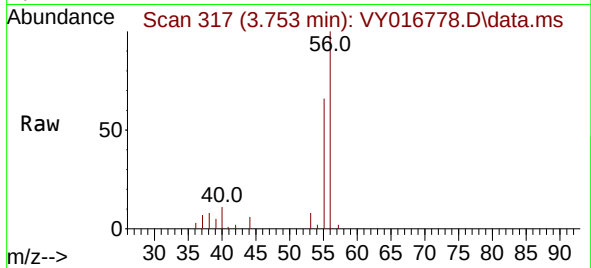
Tgt Ion: 96 Resp: 26301
Ion Ratio Lower Upper
96 100
61 167.6 124.2 186.2
98 68.3 52.6 79.0





#13
Acrolein
Concen: 138.149 ug/l
RT: 3.753 min Scan# 315
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

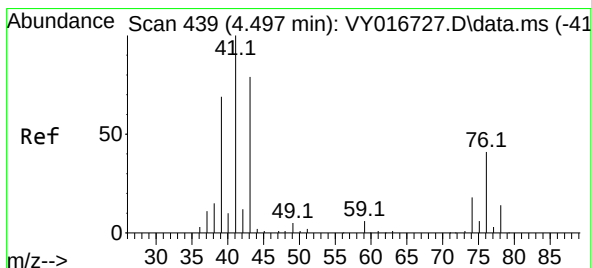
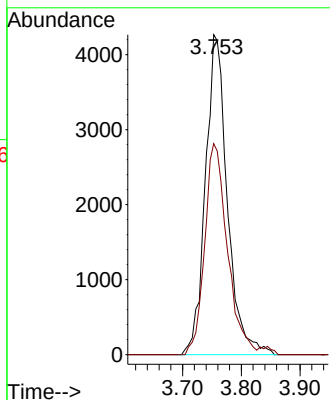
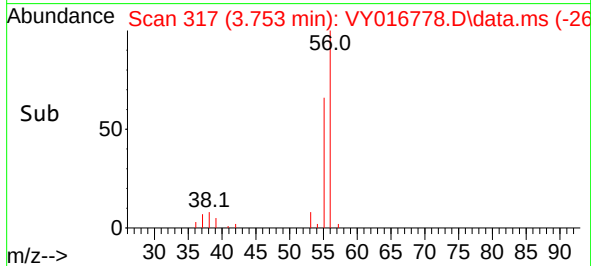
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS02



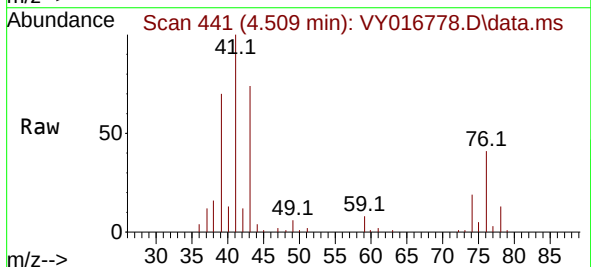
Tgt Ion: 56 Resp: 11052
Ion Ratio Lower Upper
56 100
55 68.2 55.4 83.0

Manual Integrations
APPROVED

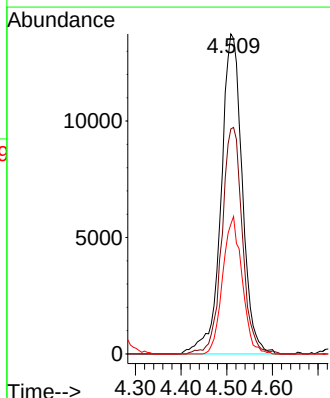
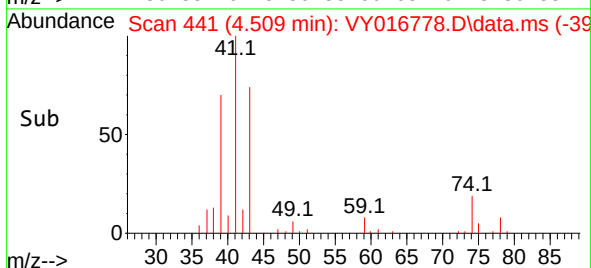
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

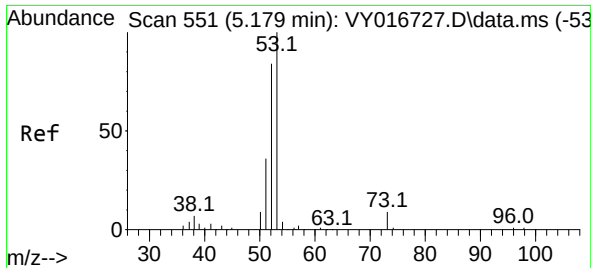


#14
Allyl chloride
Concen: 22.038 ug/l
RT: 4.509 min Scan# 441
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42



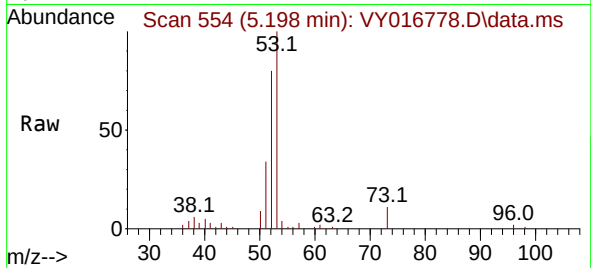
Tgt Ion: 41 Resp: 44144
Ion Ratio Lower Upper
41 100
39 68.6 54.7 82.1
76 39.4 31.8 47.6





#15
Acrylonitrile
Concen: 122.998 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

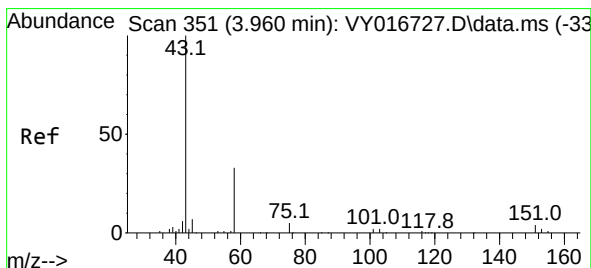
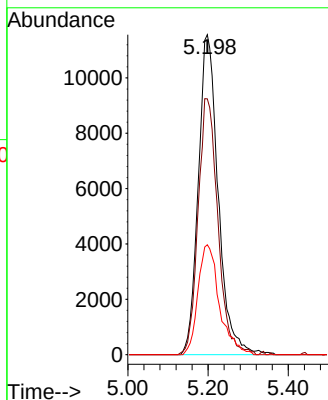
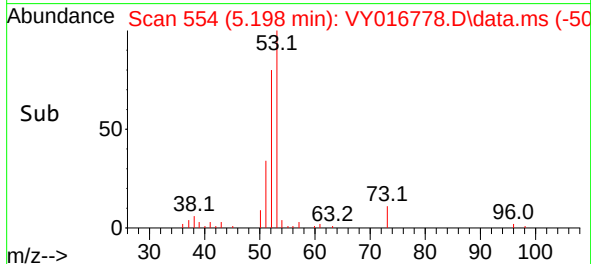
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS02



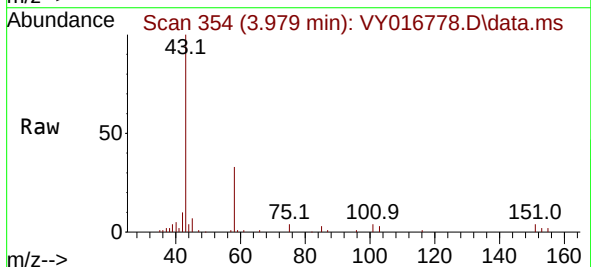
Tgt Ion: 53 Resp: 3989
Ion Ratio Lower Upper
53 100
52 79.5 65.1 97.7
51 36.9 29.0 43.4

Manual Integrations
APPROVED

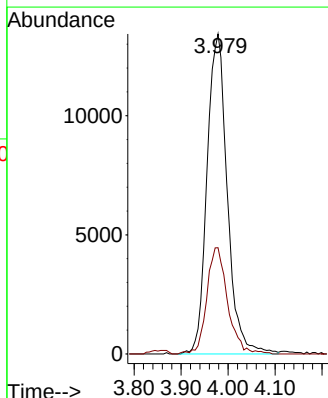
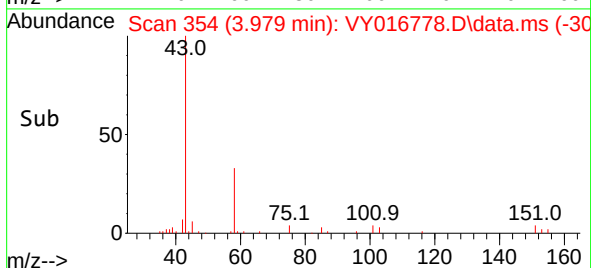
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

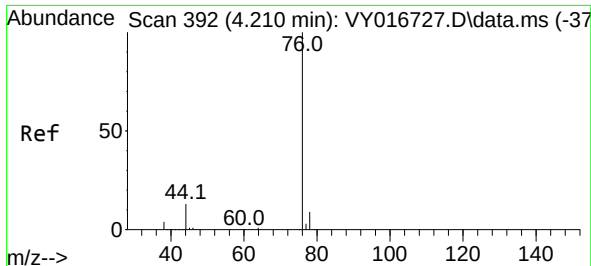


#16
Acetone
Concen: 117.363 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.019 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42



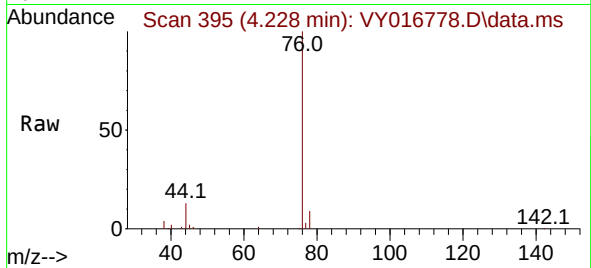
Tgt Ion: 43 Resp: 40134
Ion Ratio Lower Upper
43 100
58 33.2 26.6 39.8





#17
Carbon Disulfide
Concen: 19.521 ug/l
RT: 4.228 min Scan# 392
Delta R.T. 0.018 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

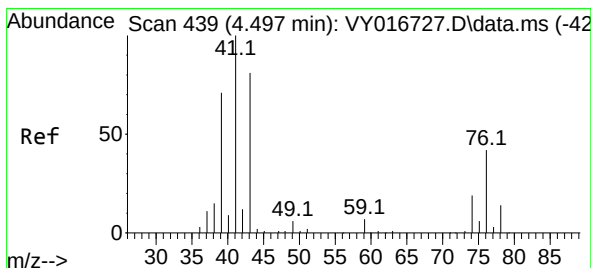
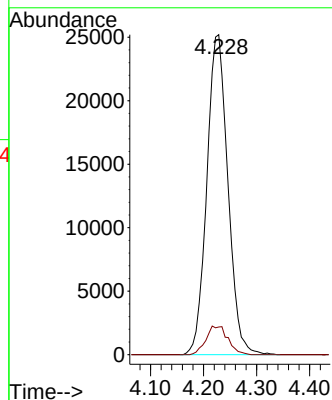
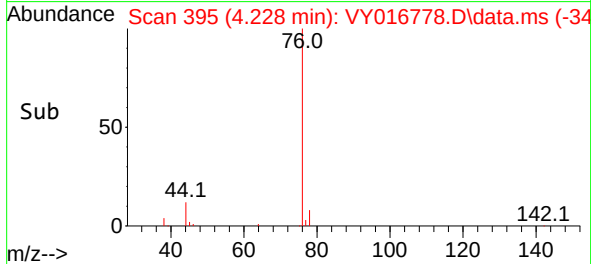
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS02



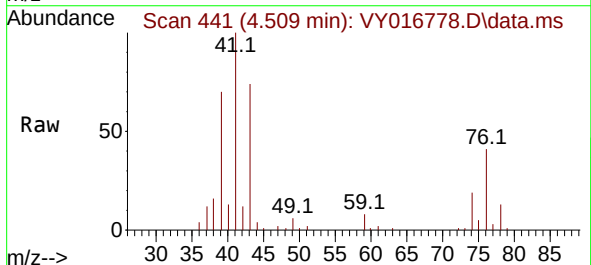
Tgt Ion: 76 Resp: 69462
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

Manual Integrations
APPROVED

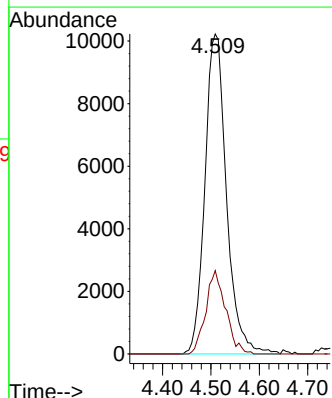
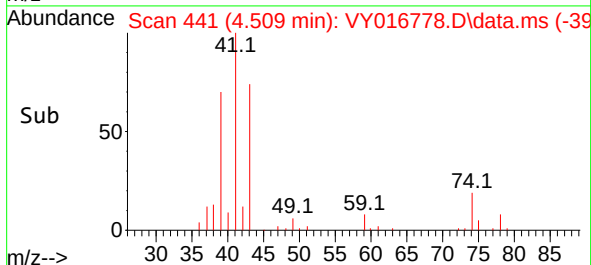
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

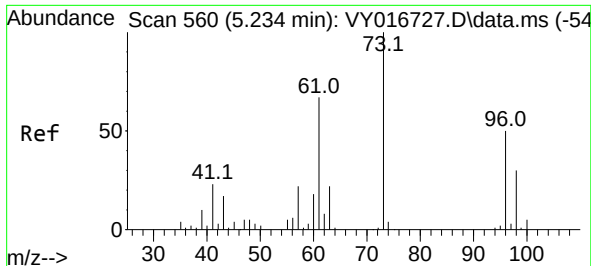


#18
Methyl Acetate
Concen: 23.706 ug/l
RT: 4.509 min Scan# 441
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42



Tgt Ion: 43 Resp: 31680
Ion Ratio Lower Upper
43 100
74 24.0 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 22.977 ug/l

RT: 5.259 min Scan# 50

Delta R.T. 0.024 min

Lab File: VY016778.D

Acq: 22 Dec 2023 00:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBS02

Tgt Ion: 73 Resp: 7731

Ion Ratio Lower Upper

73 100

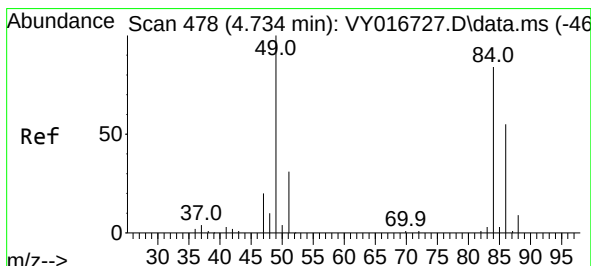
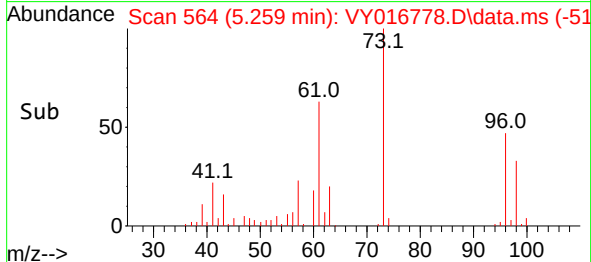
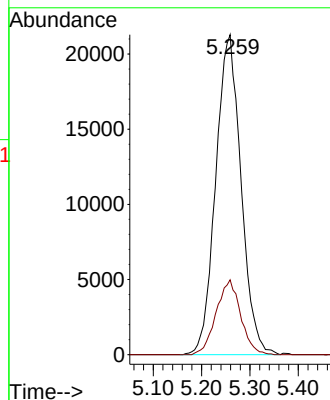
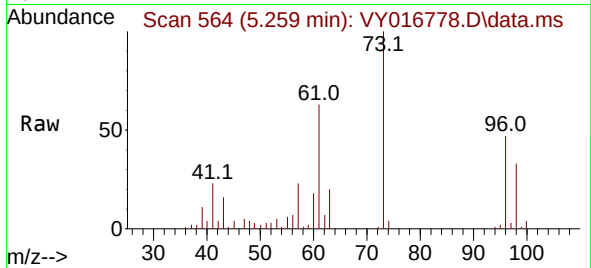
57 23.4 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#20

Methylene Chloride

Concen: 22.923 ug/l

RT: 4.747 min Scan# 480

Delta R.T. 0.013 min

Lab File: VY016778.D

Acq: 22 Dec 2023 00:42

Tgt Ion: 84 Resp: 43495

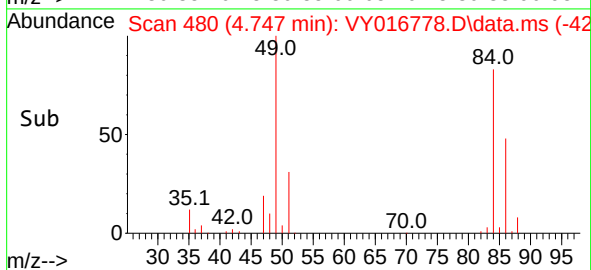
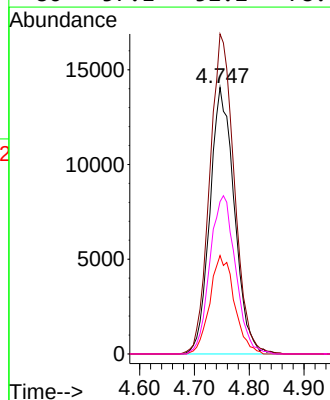
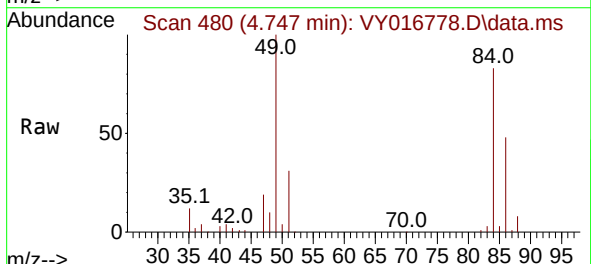
Ion Ratio Lower Upper

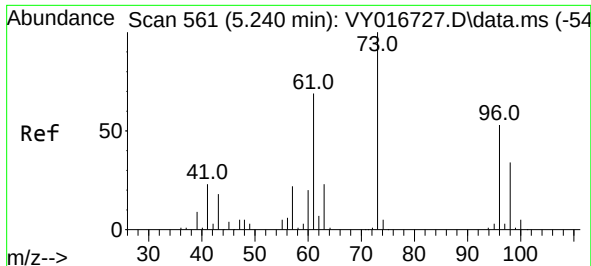
84 100

49 120.1 95.2 142.8

51 36.9 29.9 44.9

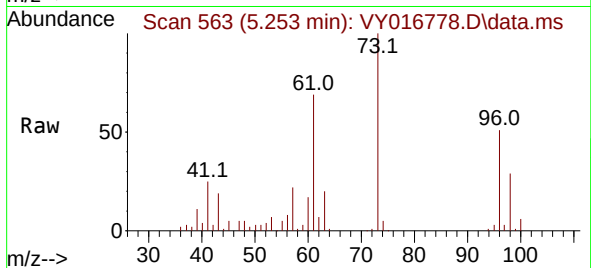
86 57.1 52.2 78.4





#21
trans-1,2-Dichloroethene
Concen: 21.599 ug/l
RT: 5.253 min Scan# 501
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

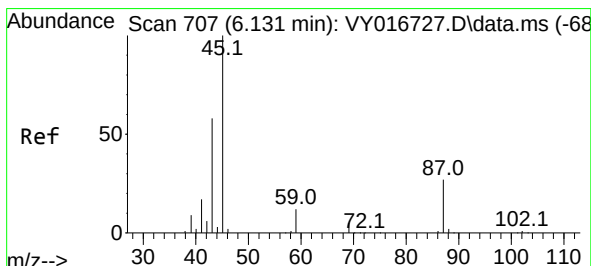
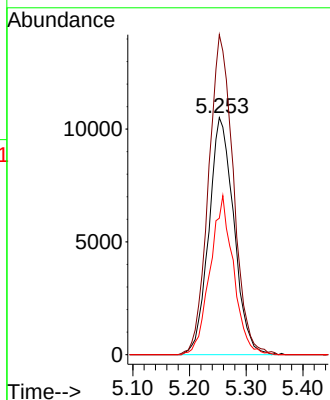
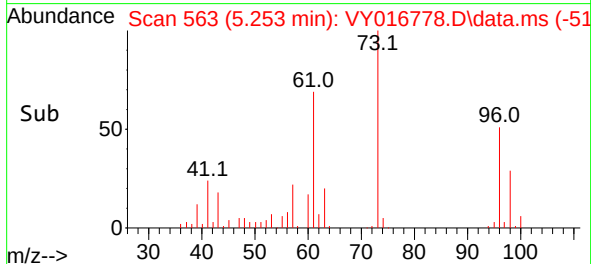
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS02



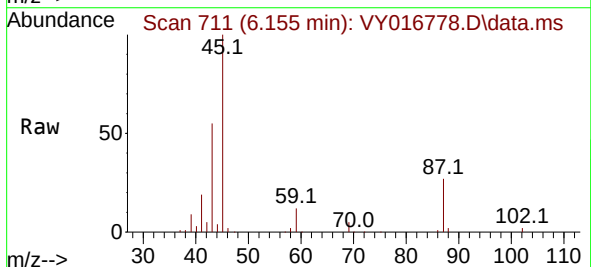
Tgt Ion: 96 Resp: 32215
Ion Ratio Lower Upper
96 100
61 135.0 104.6 156.8
98 57.6 50.9 76.3

Manual Integrations
APPROVED

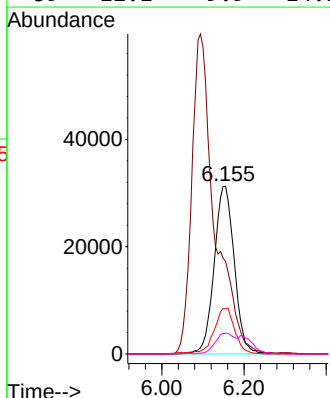
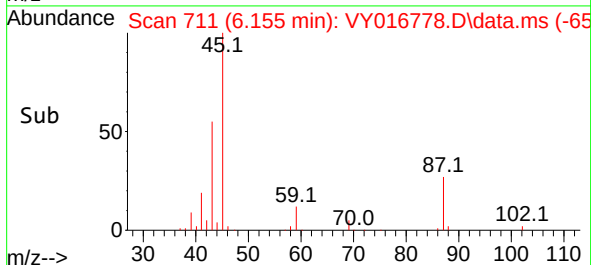
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

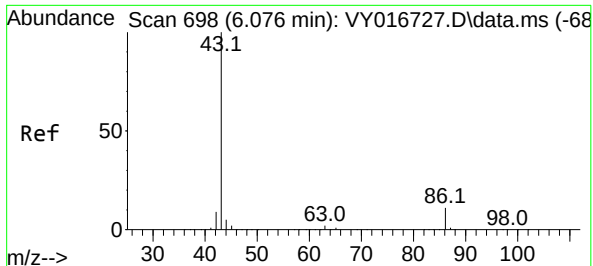


#22
Diisopropyl ether
Concen: 23.450 ug/l
RT: 6.155 min Scan# 711
Delta R.T. 0.024 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42



Tgt Ion: 45 Resp: 106270
Ion Ratio Lower Upper
45 100
43 54.6 46.8 70.2
87 27.0 22.2 33.2
59 12.1 9.9 14.9





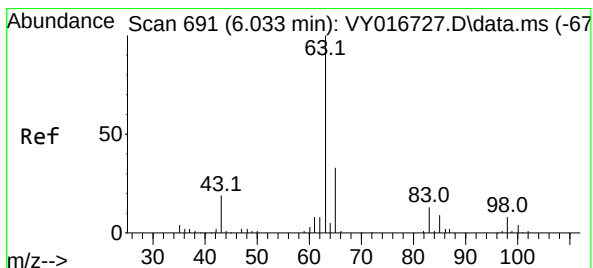
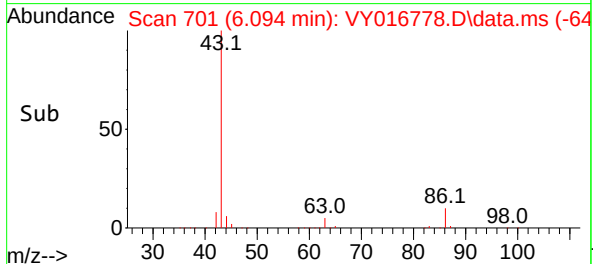
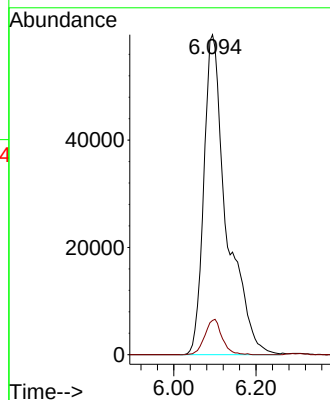
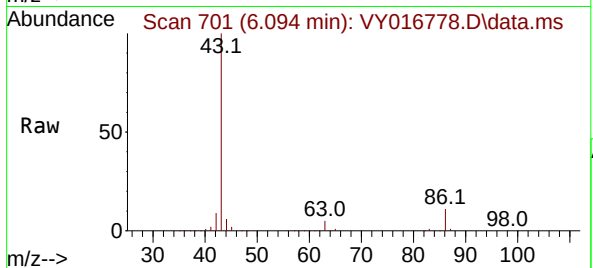
#23
 Vinyl Acetate
 Concen: 107.478 ug/l
 RT: 6.094 min Scan# 701
 Delta R.T. 0.018 min
 Lab File: VY016778.D
 Acq: 22 Dec 2023 00:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1221SBS02

Tgt Ion: 43 Resp: 23035
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 13.0

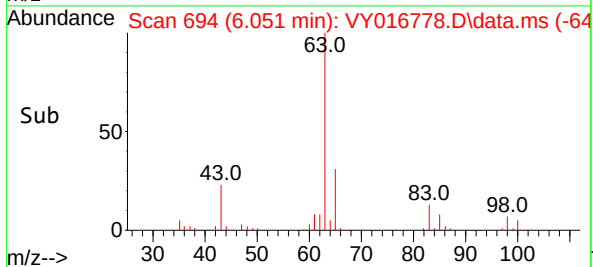
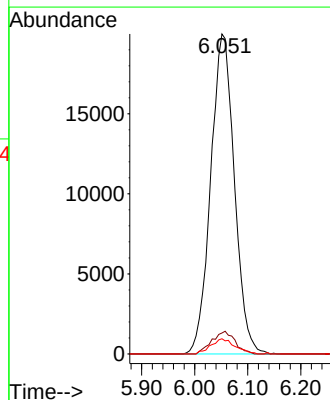
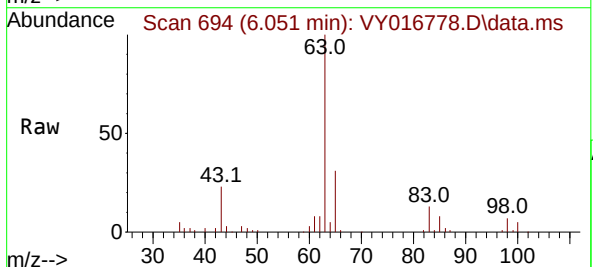
Manual Integrations
 APPROVED

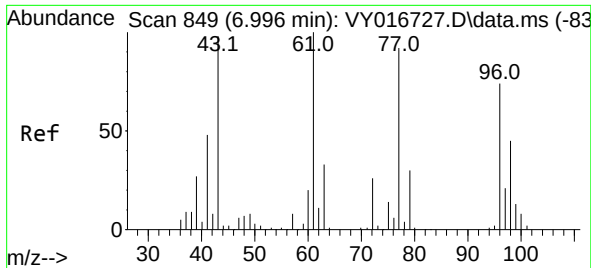
Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023



#24
 1,1-Dichloroethane
 Concen: 22.775 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.018 min
 Lab File: VY016778.D
 Acq: 22 Dec 2023 00:42

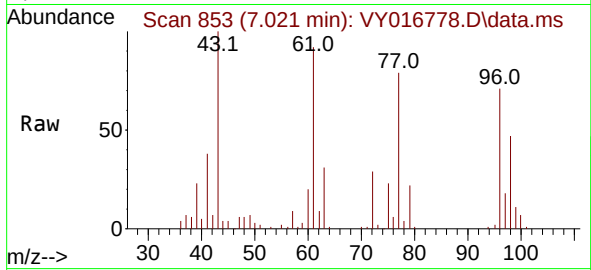
Tgt Ion: 63 Resp: 61998
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.8 11.4
 100 4.7 2.1 6.2





#25
2-Butanone
Concen: 120.485 ug/l
RT: 7.021 min Scan# 853
Delta R.T. 0.025 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

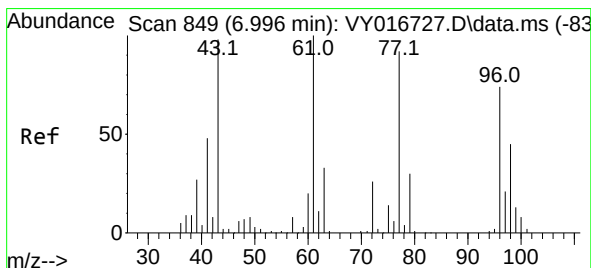
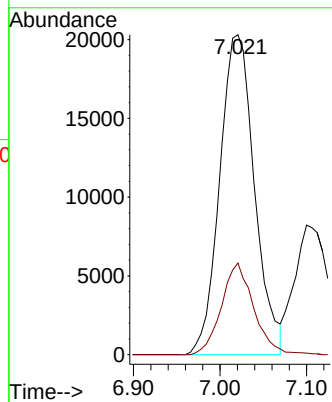
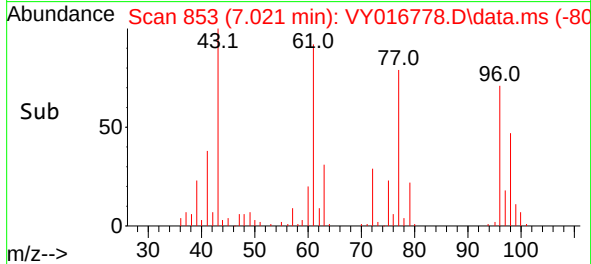
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS02



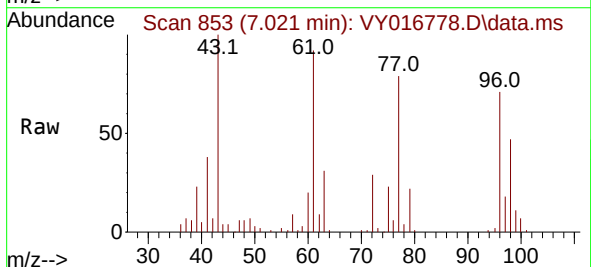
Tgt Ion: 43 Resp: 5672
Ion Ratio Lower Upper
43 100
72 28.6 21.4 32.2

Manual Integrations
APPROVED

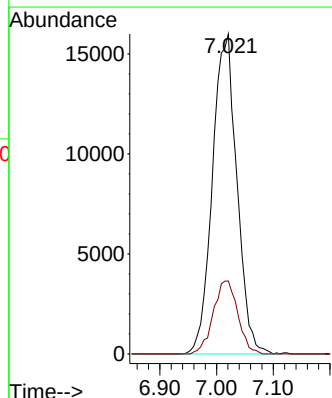
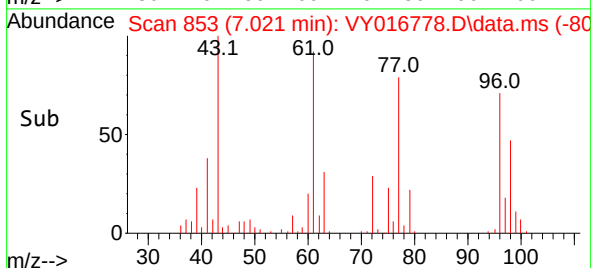
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

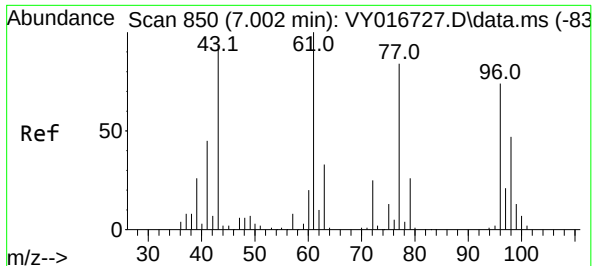


#26
2,2-Dichloropropane
Concen: 20.154 ug/l
RT: 7.021 min Scan# 853
Delta R.T. 0.024 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42



Tgt Ion: 77 Resp: 47878
Ion Ratio Lower Upper
77 100
97 22.9 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 22.072 ug/l

RT: 7.021 min Scan# 850

Delta R.T. 0.018 min

Lab File: VY016778.D

Acq: 22 Dec 2023 00:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBS02

Tgt Ion: 96 Resp: 3788

Ion Ratio Lower Upper

96 100

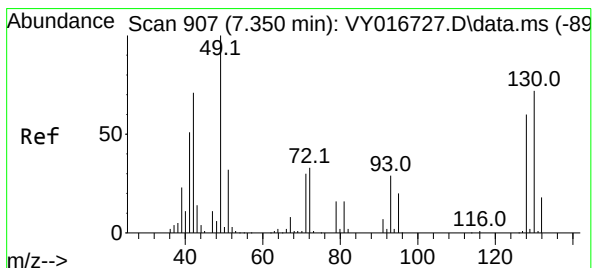
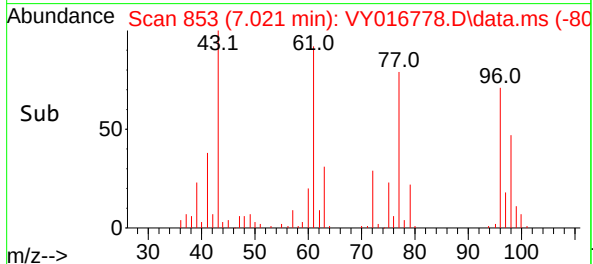
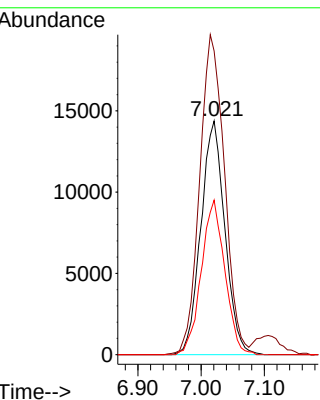
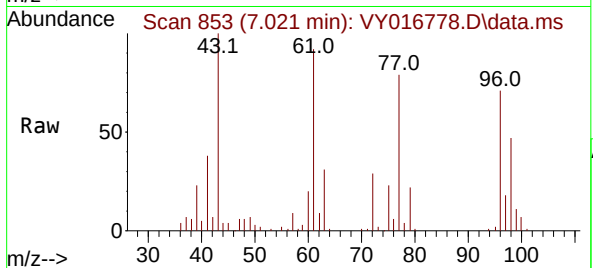
61 141.6 0.0 278.8

98 64.9 0.0 127.0

Manual Integrations

APPROVED

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



#28

Bromochloromethane

Concen: 22.472 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY016778.D

Acq: 22 Dec 2023 00:42

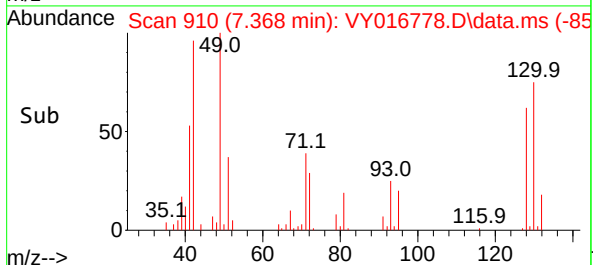
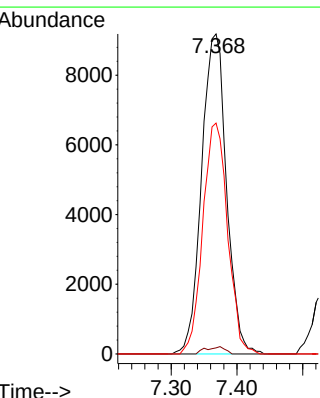
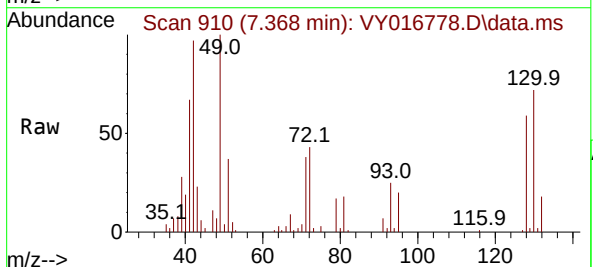
Tgt Ion: 49 Resp: 24212

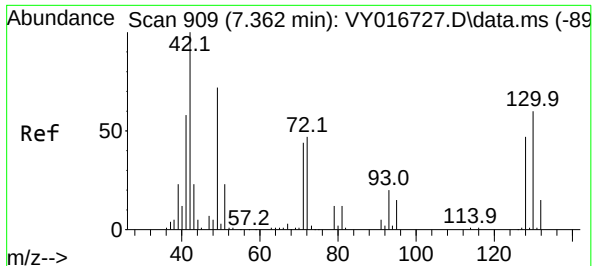
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 71.6 59.8 89.8





#29

Tetrahydrofuran

Concen: 123.639 ug/l

RT: 7.380 min Scan# 912

Delta R.T. 0.018 min

Lab File: VY016778.D

Acq: 22 Dec 2023 00:42

Instrument :

MSVOA_Y

ClientSampleId :

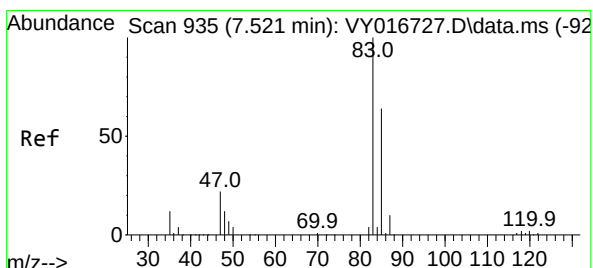
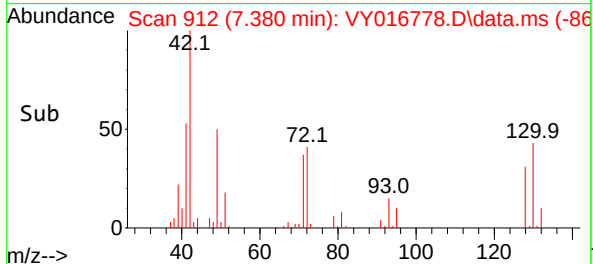
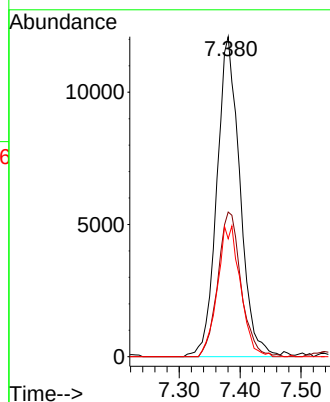
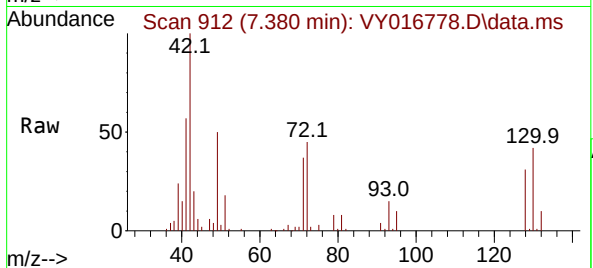
VY1221SBS02

Tgt Ion: 42	Resp: 31830
Ion Ratio	Lower Upper
42	100
72	45.5 36.6 54.8
71	40.8 33.8 50.6

Manual Integrations

APPROVED

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



#30

Chloroform

Concen: 22.703 ug/l

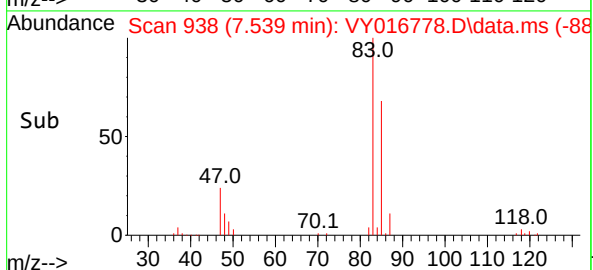
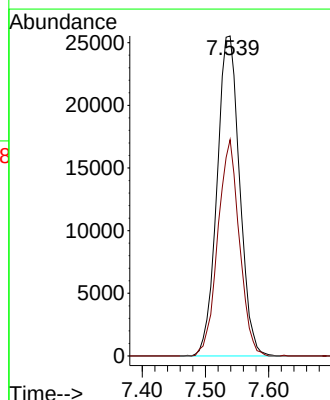
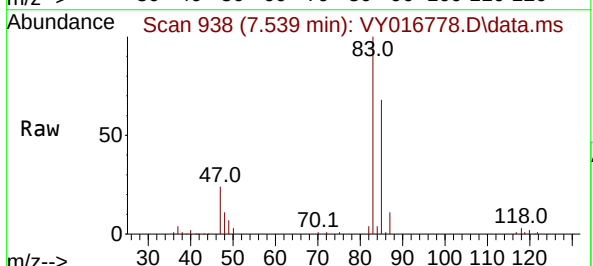
RT: 7.539 min Scan# 938

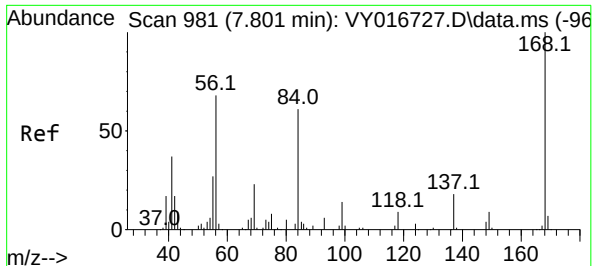
Delta R.T. 0.018 min

Lab File: VY016778.D

Acq: 22 Dec 2023 00:42

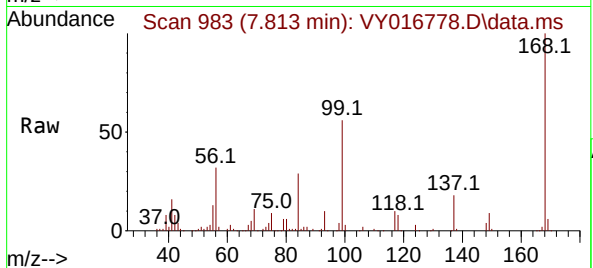
Tgt Ion: 83	Resp: 63267
Ion Ratio	Lower Upper
83	100
85	67.6 51.2 76.8





#31
Cyclohexane
Concen: 19.248 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

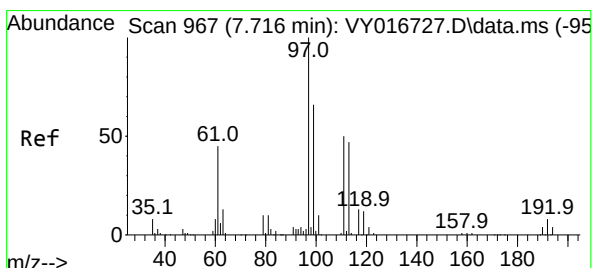
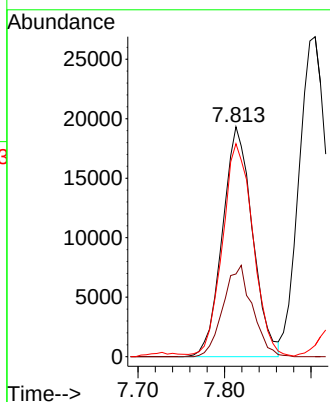
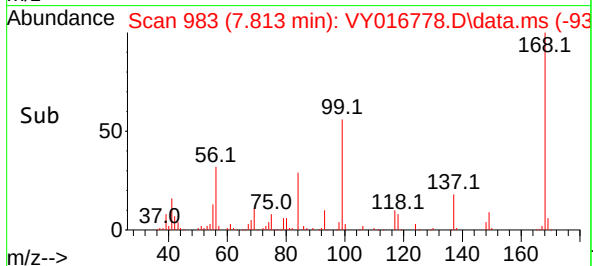
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS02



Tgt Ion: 56 Resp: 4663
Ion Ratio Lower Upper
56 100
69 35.9 27.0 40.6
84 91.5 71.8 107.6

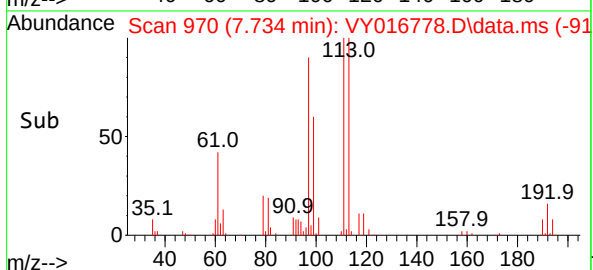
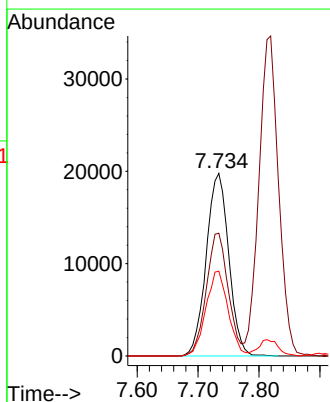
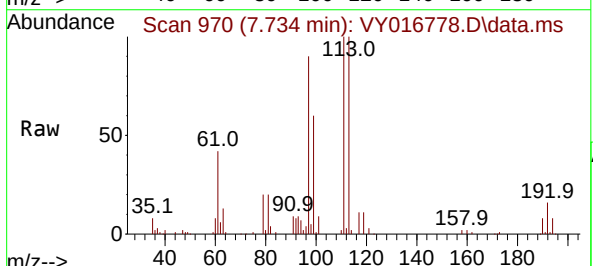
Manual Integrations
APPROVED

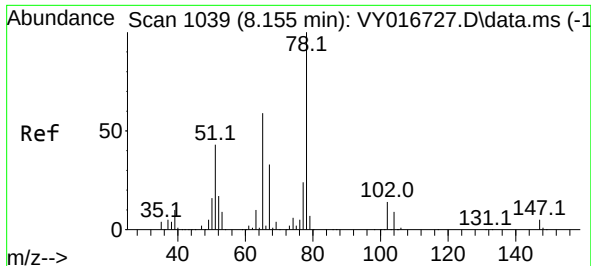
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#32
1,1,1-Trichloroethane
Concen: 20.795 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.018 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

Tgt Ion: 97 Resp: 50869
Ion Ratio Lower Upper
97 100
99 65.2 51.2 76.8
61 46.1 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 53.654 ug/l

RT: 8.167 min Scan# 1103

Delta R.T. 0.012 min

Lab File: VY016778.D

Acq: 22 Dec 2023 00:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBS02

Tgt Ion: 65 Resp: 6785

Ion Ratio Lower Upper

65 100

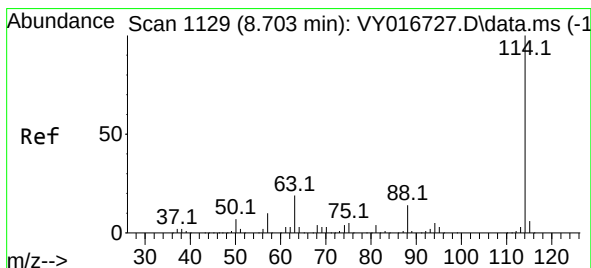
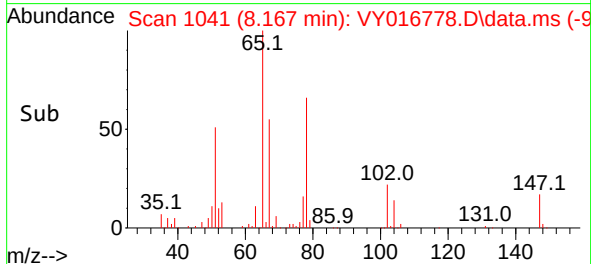
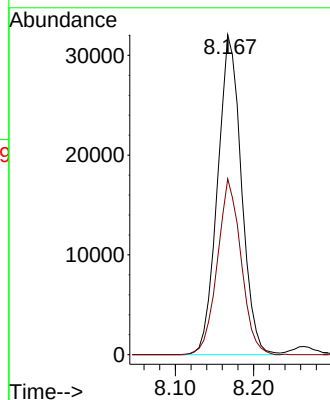
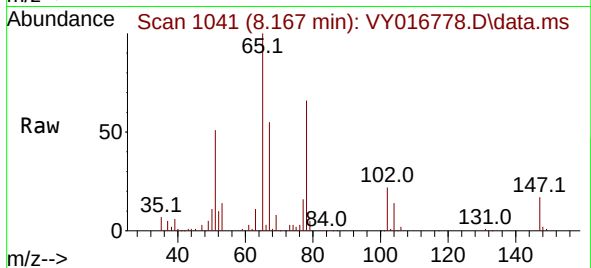
67 54.7 0.0 109.0

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: 8.715 min Scan# 1131

Delta R.T. 0.012 min

Lab File: VY016778.D

Acq: 22 Dec 2023 00:42

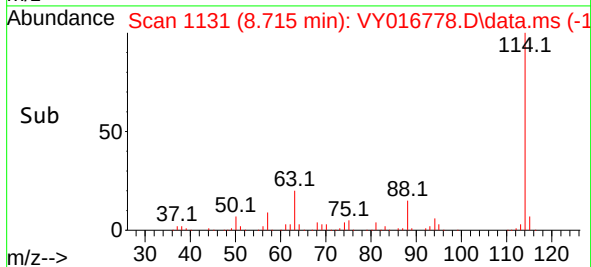
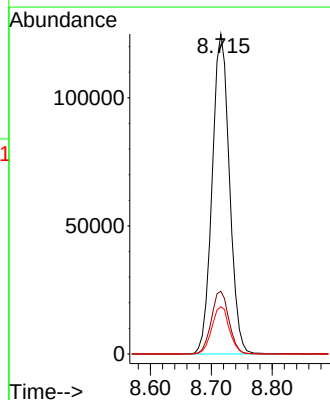
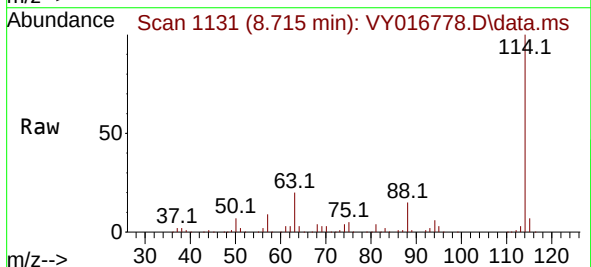
Tgt Ion:114 Resp: 246342

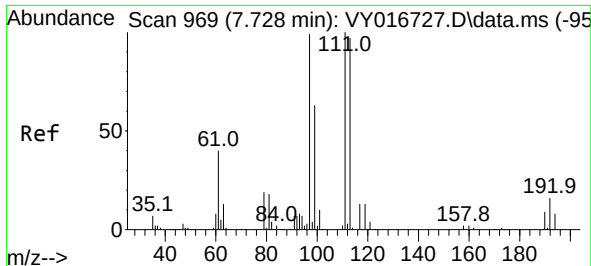
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

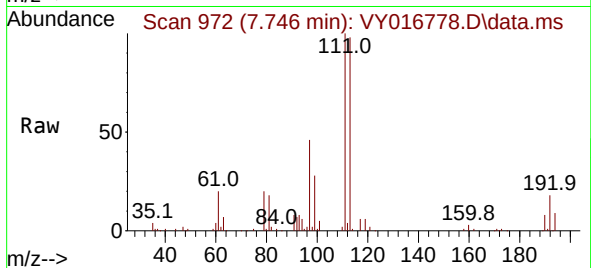
88 14.7 0.0 29.0





#35
Dibromofluoromethane
Concen: 49.326 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

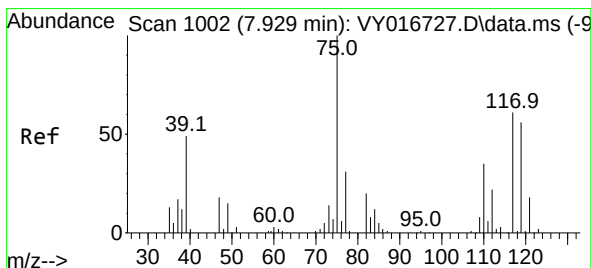
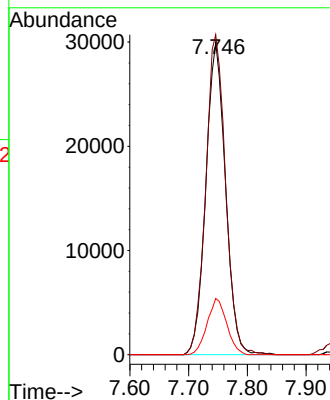
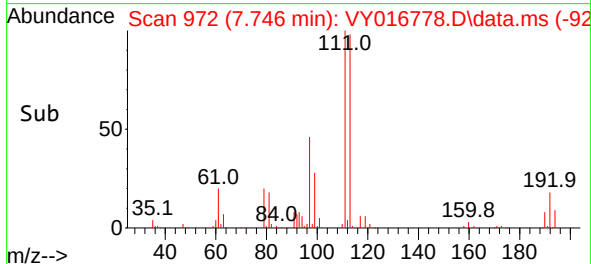
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS02



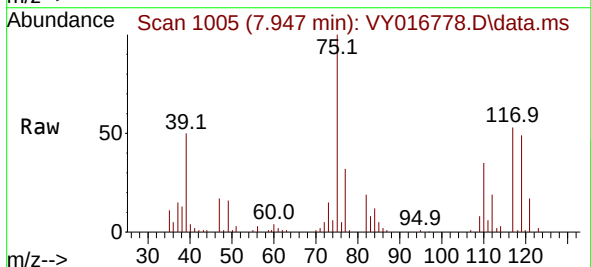
Tgt Ion:113 Resp: 6960
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 18.0 14.5 21.7

Manual Integrations
APPROVED

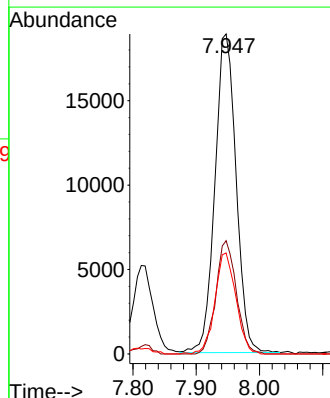
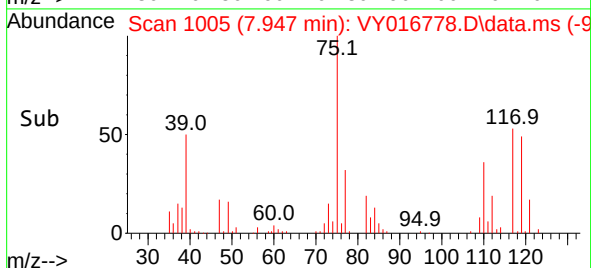
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

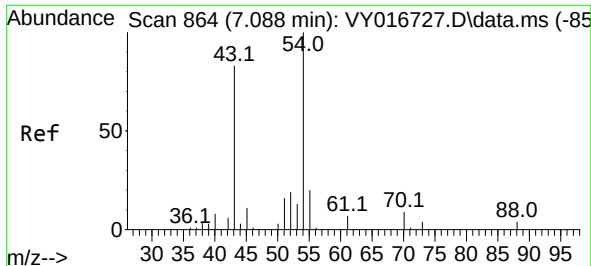


#36
1,1-Dichloropropene
Concen: 19.392 ug/l
RT: 7.947 min Scan# 1005
Delta R.T. 0.018 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42



Tgt Ion: 75 Resp: 43869
Ion Ratio Lower Upper
75 100
110 34.5 17.4 52.3
77 31.4 24.7 37.1





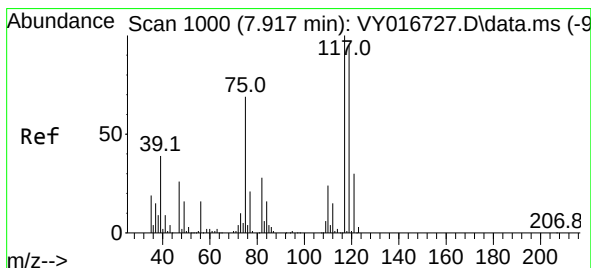
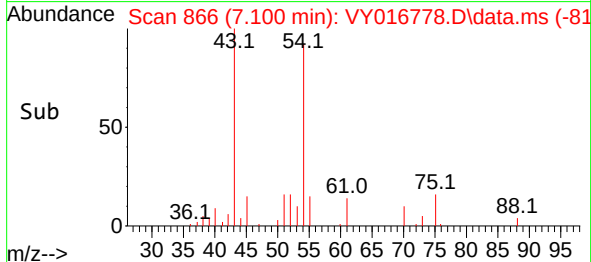
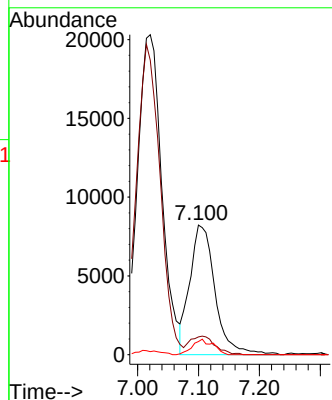
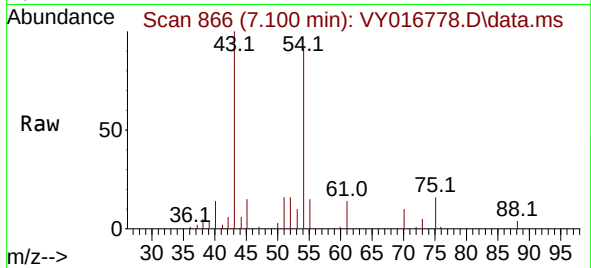
#37
Ethyl Acetate
Concen: 24.445 ug/l
RT: 7.100 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS02

Tgt Ion: 43 Resp: 2370
Ion Ratio Lower Upper
43 100
61 14.3 11.0 16.6
70 9.7 8.1 12.1

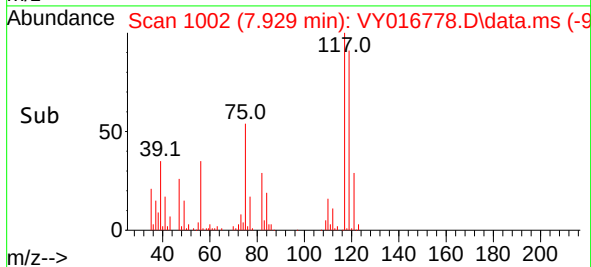
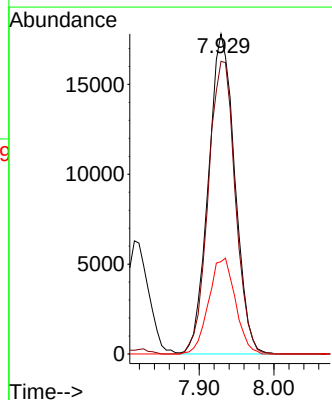
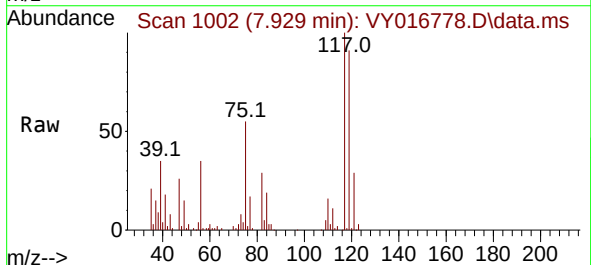
Manual Integrations
APPROVED

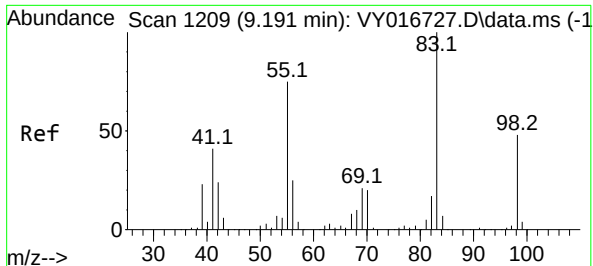
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#38
Carbon Tetrachloride
Concen: 19.559 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

Tgt Ion:117 Resp: 43785
Ion Ratio Lower Upper
117 100
119 91.4 76.0 114.0
121 28.9 24.2 36.2





#39

Methylcyclohexane

Concen: 17.934 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY016778.D

Acq: 22 Dec 2023 00:42

Instrument :

MSVOA_Y

ClientSampleId :

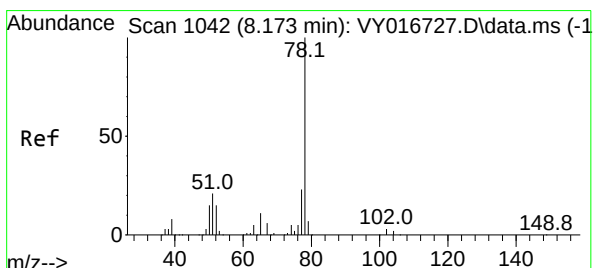
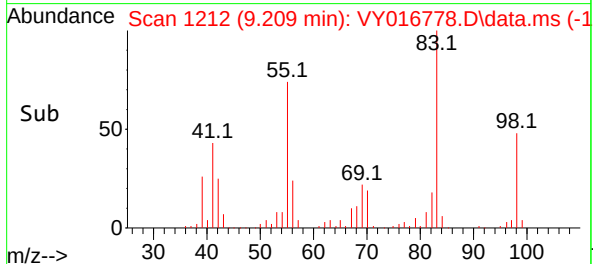
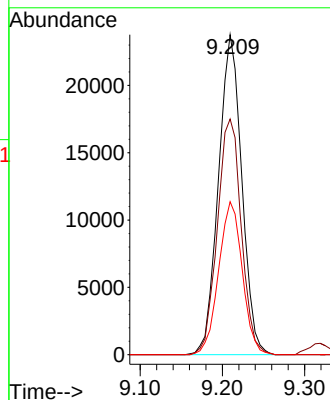
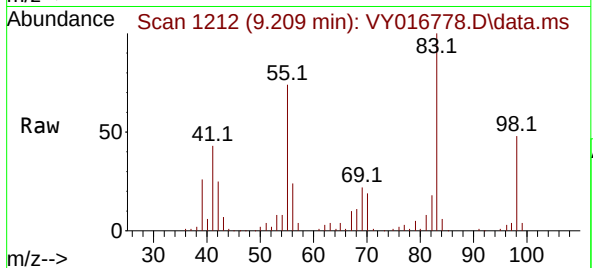
VY1221SBS02

Tgt Ion:	83	Resp:	4684
Ion Ratio	Lower	Upper	
83	100		
55	73.6	59.7	89.5
98	47.8	38.0	57.0

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 21.010 ug/l

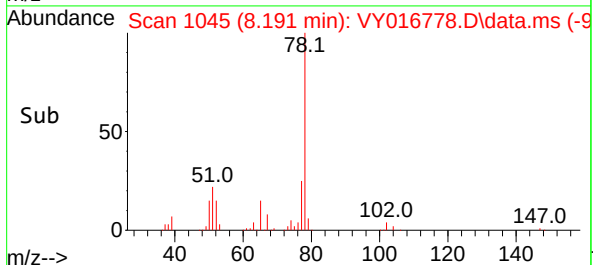
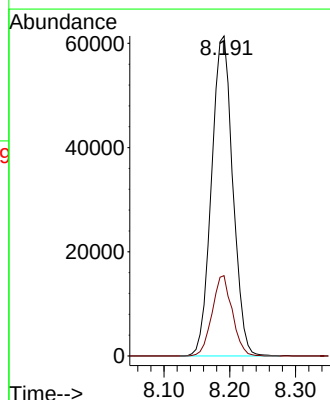
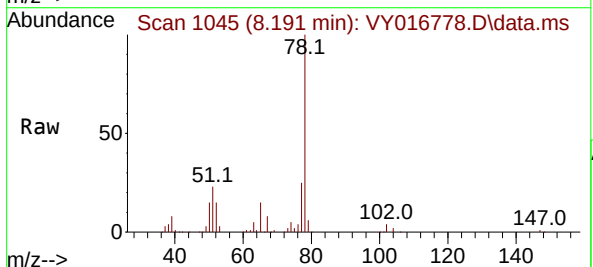
RT: 8.191 min Scan# 1045

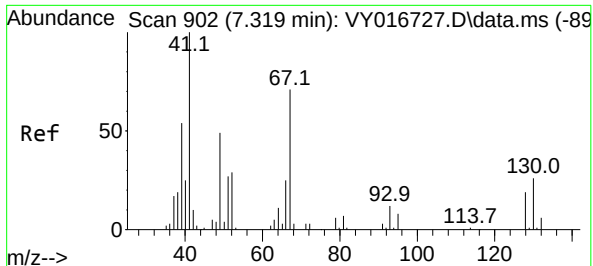
Delta R.T. 0.018 min

Lab File: VY016778.D

Acq: 22 Dec 2023 00:42

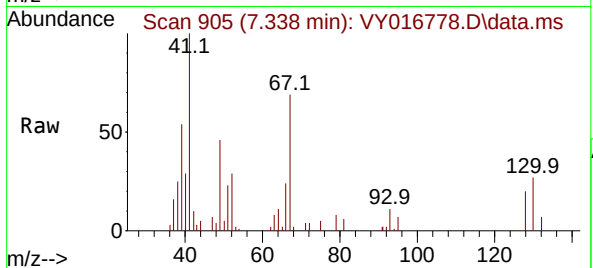
Tgt Ion:	78	Resp:	138310
Ion Ratio	Lower	Upper	
78	100		
77	25.1	18.8	28.2





#41
Methacrylonitrile
Concen: 22.258 ug/l
RT: 7.338 min Scan# 902
Delta R.T. 0.018 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

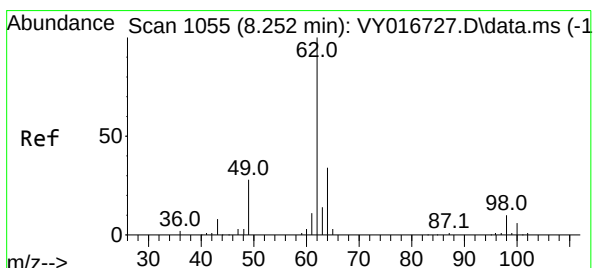
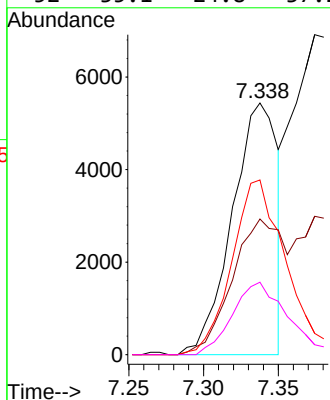
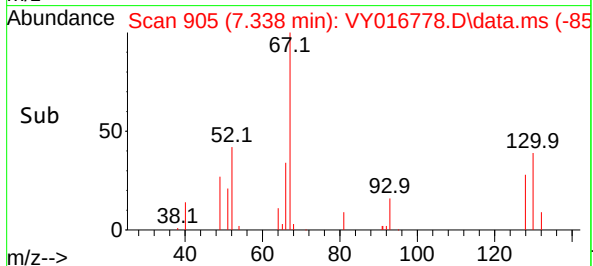
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS02



Tgt Ion: 41 Resp: 11459
Ion Ratio Lower Upper
41 100
39 62.0 41.9 62.9
67 82.8 59.8 89.6
52 35.1 24.8 37.2

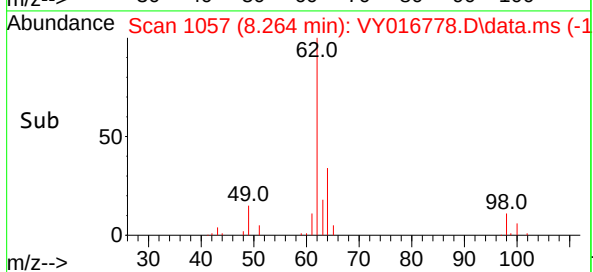
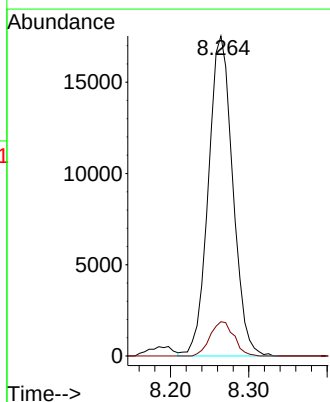
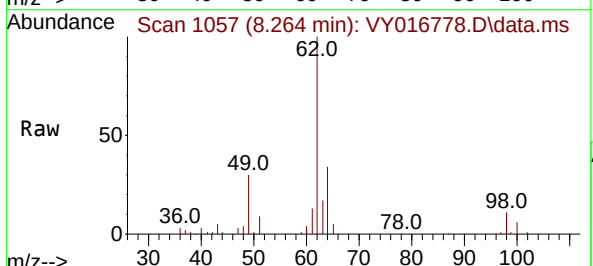
Manual Integrations
APPROVED

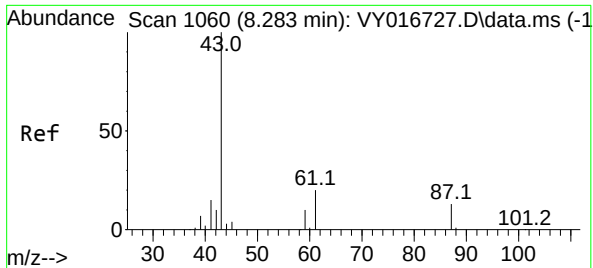
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#42
1,2-Dichloroethane
Concen: 22.090 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

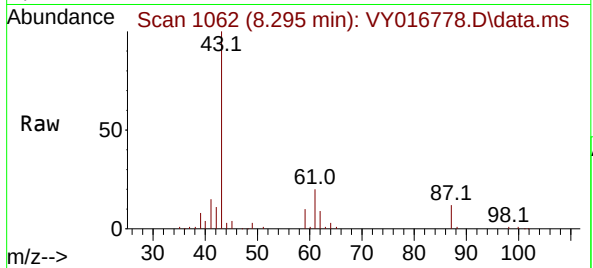
Tgt Ion: 62 Resp: 37940
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.2





#43
Isopropyl Acetate
Concen: 23.114 ug/l
RT: 8.295 min Scan# 1172
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

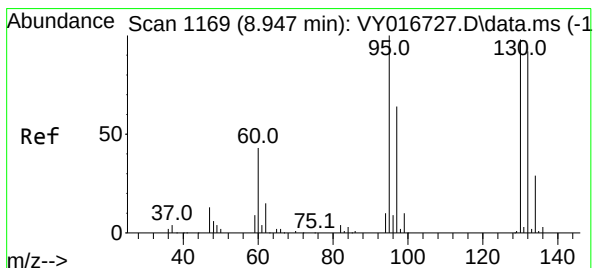
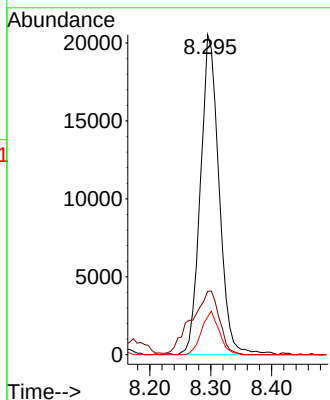
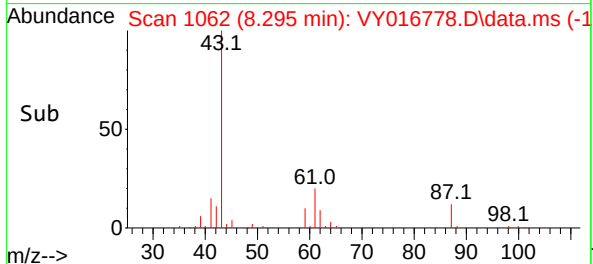
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS02



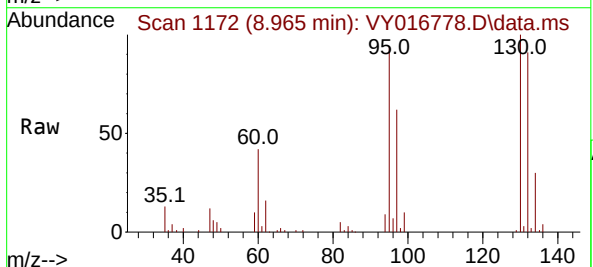
Tgt Ion: 43 Resp: 43529
Ion Ratio Lower Upper
43 100
61 30.0 24.8 37.2
87 12.8 10.7 16.1

Manual Integrations
APPROVED

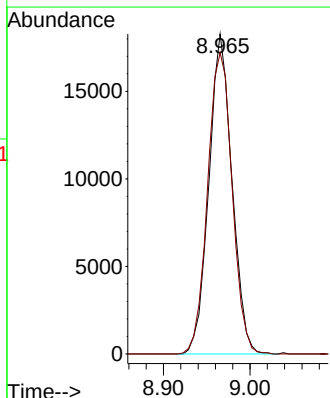
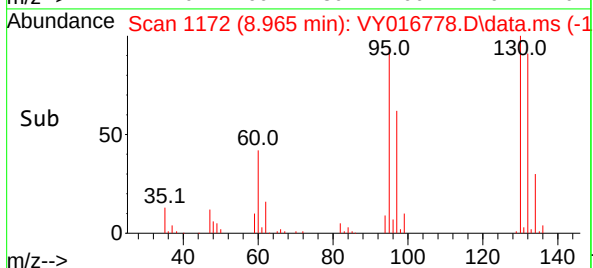
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

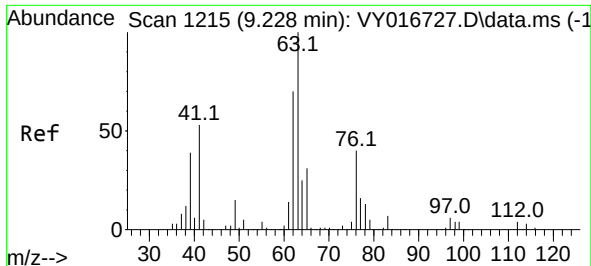


#44
Trichloroethene
Concen: 20.136 ug/l
RT: 8.965 min Scan# 1172
Delta R.T. 0.018 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42



Tgt Ion:130 Resp: 33834
Ion Ratio Lower Upper
130 100
95 94.1 0.0 203.8





#45

1,2-Dichloropropane

Concen: 21.296 ug/l

RT: 9.240 min Scan# 1217

Delta R.T. 0.012 min

Lab File: VY016778.D

Acq: 22 Dec 2023 00:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBS02

Tgt Ion: 63 Resp: 3516

Ion Ratio Lower Upper

63 100

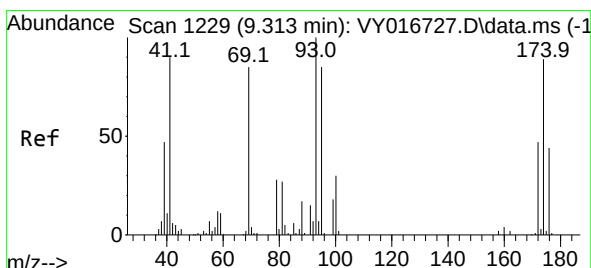
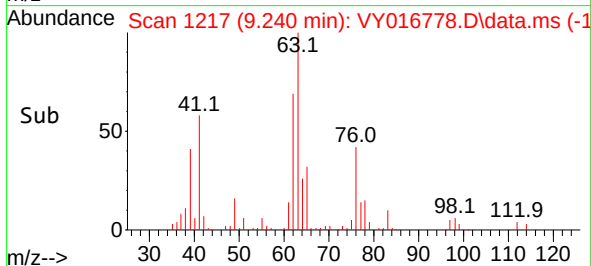
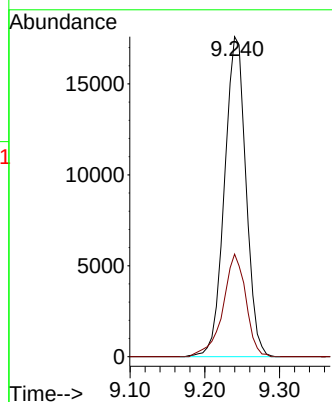
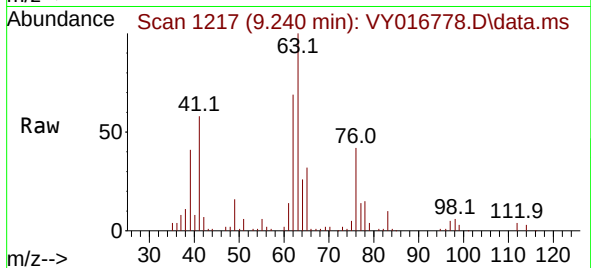
65 32.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#46

Dibromomethane

Concen: 21.919 ug/l

RT: 9.331 min Scan# 1232

Delta R.T. 0.018 min

Lab File: VY016778.D

Acq: 22 Dec 2023 00:42

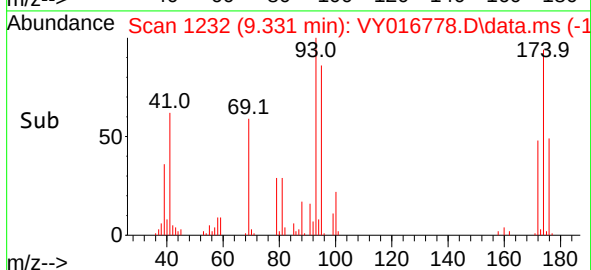
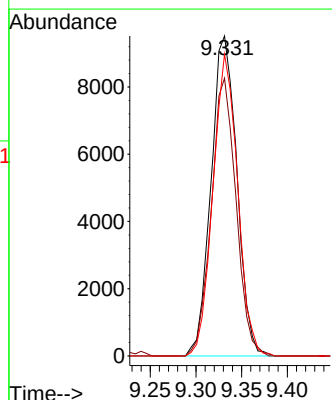
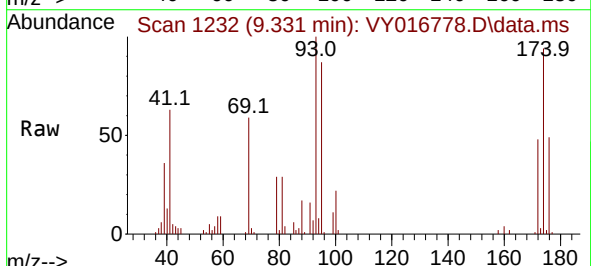
Tgt Ion: 93 Resp: 18699

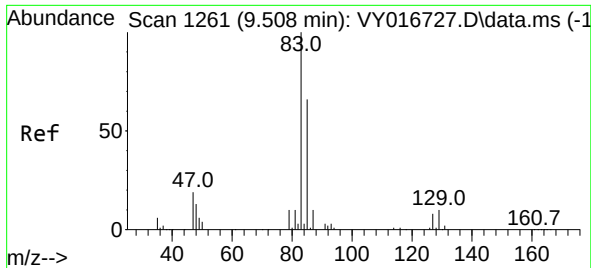
Ion Ratio Lower Upper

93 100

95 83.1 66.6 99.8

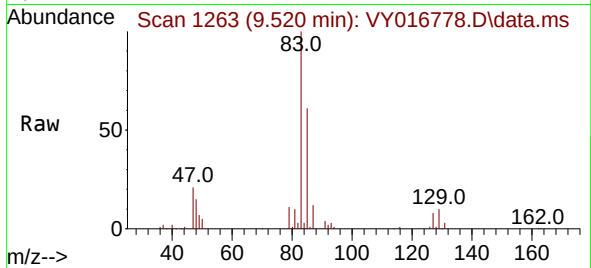
174 90.1 73.8 110.6





#47
Bromodichloromethane
Concen: 21.447 ug/l
RT: 9.520 min Scan# 1263
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

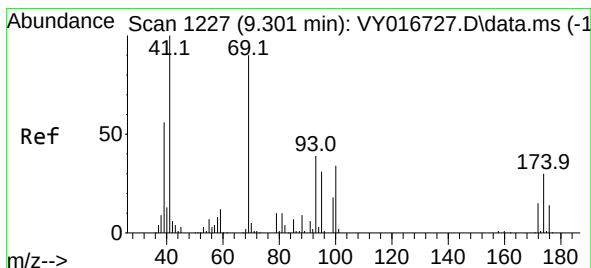
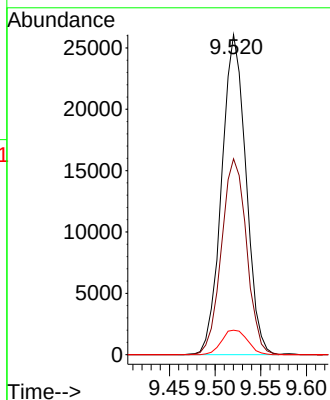
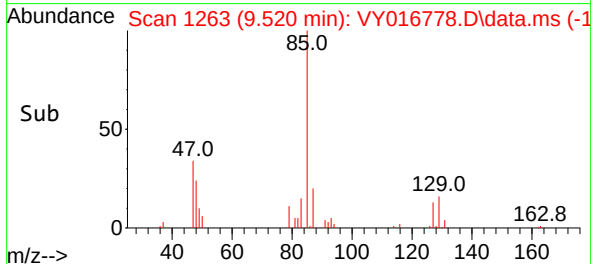
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS02



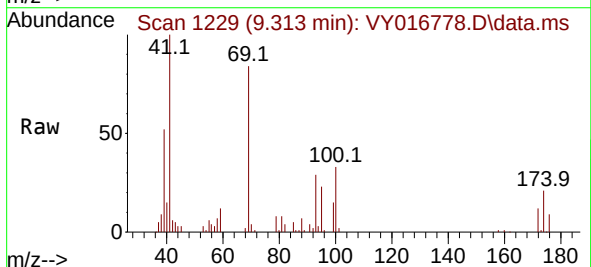
Tgt Ion: 83 Resp: 4822
Ion Ratio Lower Upper
83 100
85 61.2 53.2 79.8
127 7.7 6.4 9.6

Manual Integrations
APPROVED

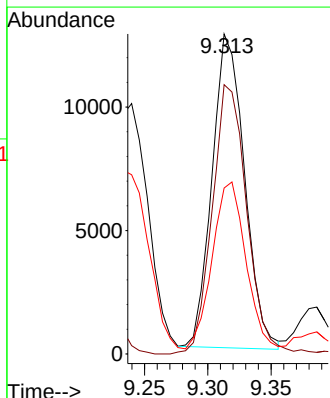
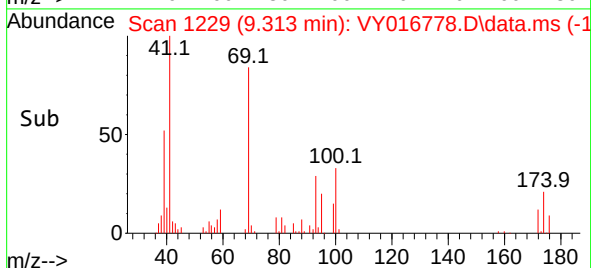
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

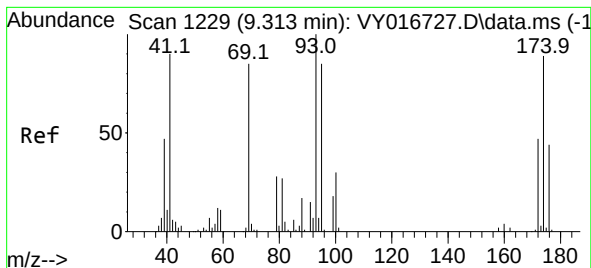


#48
Methyl methacrylate
Concen: 21.614 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42



Tgt Ion: 41 Resp: 22623
Ion Ratio Lower Upper
41 100
69 91.6 72.1 108.1
39 58.7 42.8 64.2





#49

1,4-Dioxane

Concen: 464.125 ug/l

RT: 9.331 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY016778.D

Acq: 22 Dec 2023 00:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBS02

Tgt Ion: 88 Resp: 384

Ion Ratio Lower Upper

88 100

43 34.4 28.2 42.4

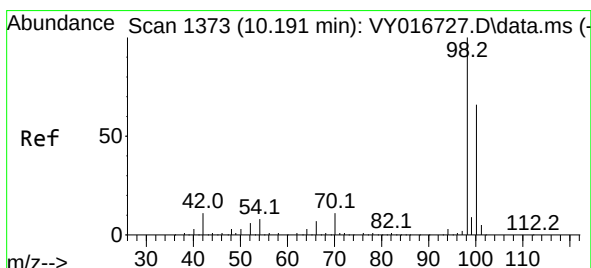
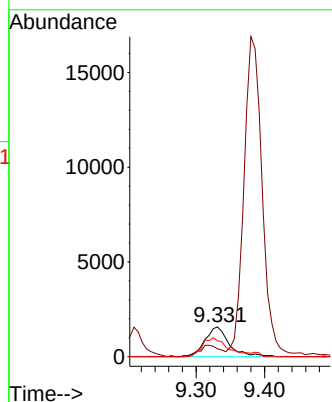
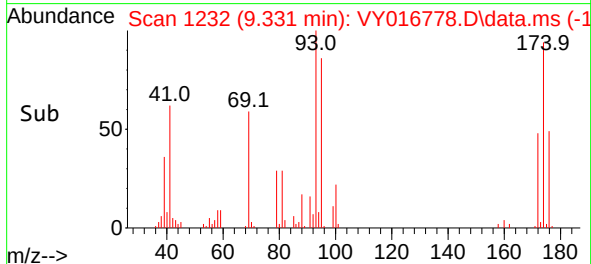
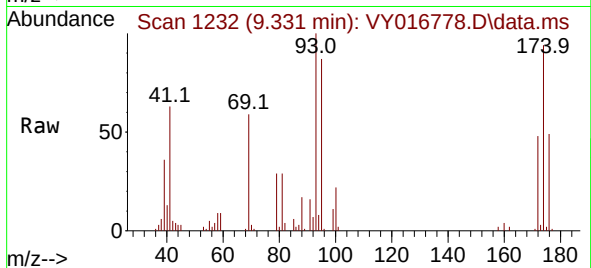
58 71.6 52.2 78.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#50

Toluene-d8

Concen: 48.853 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY016778.D

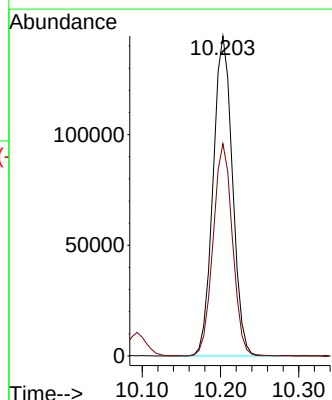
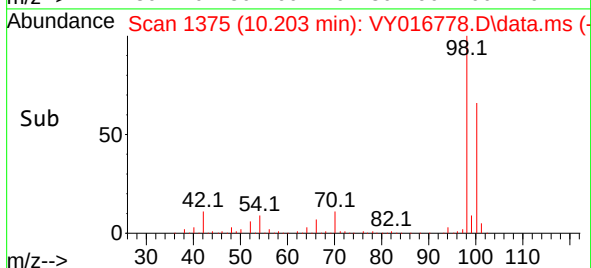
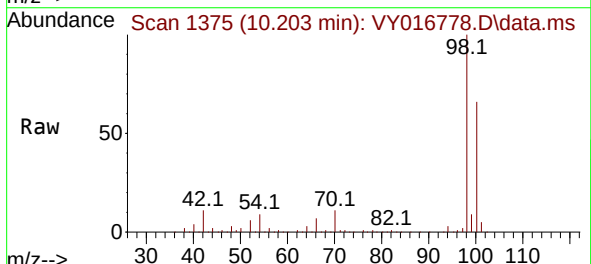
Acq: 22 Dec 2023 00:42

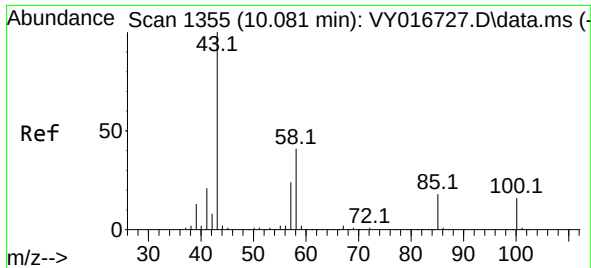
Tgt Ion: 98 Resp: 248509

Ion Ratio Lower Upper

98 100

100 66.1 52.3 78.5





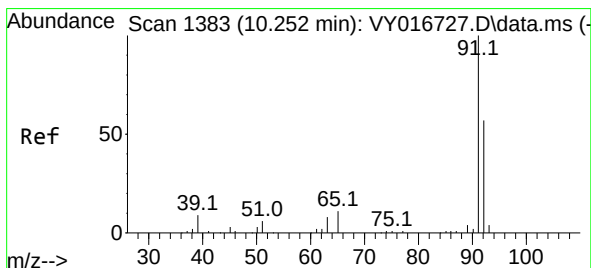
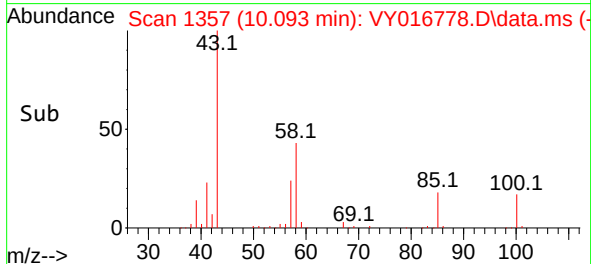
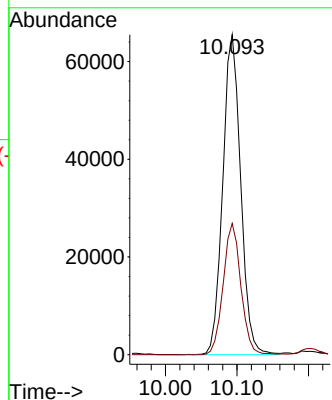
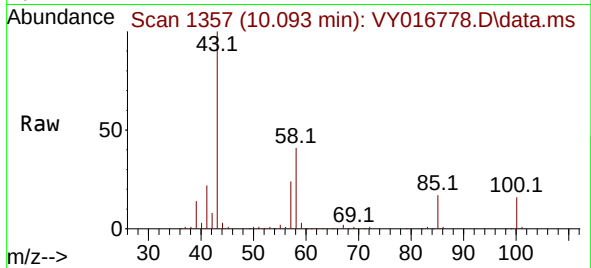
#51
4-Methyl-2-Pentanone
Concen: 113.700 ug/l
RT: 10.093 min Scan# 1357
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS02

Tgt Ion: 43 Resp: 114089
Ion Ratio Lower Upper
43 100
58 40.5 32.2 48.2

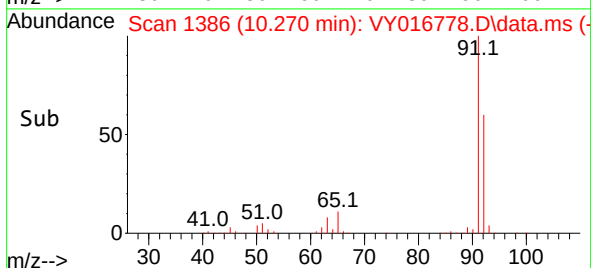
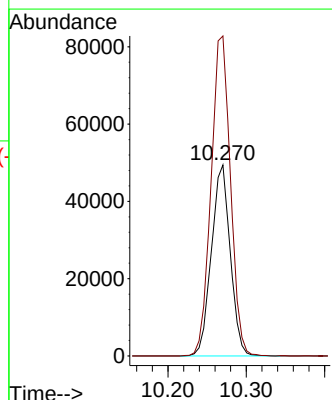
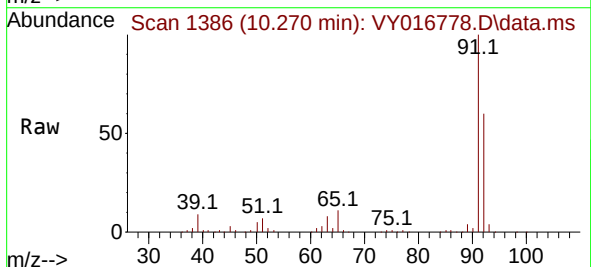
Manual Integrations
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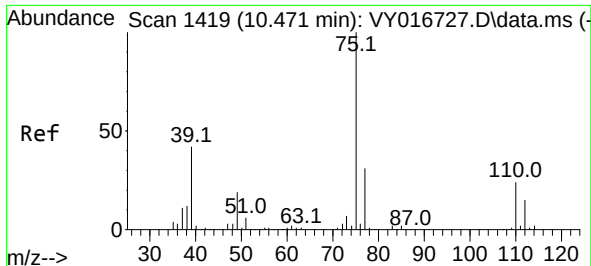
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#52
Toluene
Concen: 20.918 ug/l
RT: 10.270 min Scan# 1386
Delta R.T. 0.018 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

Tgt Ion: 92 Resp: 82524
Ion Ratio Lower Upper
92 100
91 172.6 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 21.002 ug/l

RT: 10.490 min Scan# 1419

Delta R.T. 0.019 min

Lab File: VY016778.D

Acq: 22 Dec 2023 00:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBS02

Tgt Ion: 75 Resp: 43059

Ion Ratio Lower Upper

75 100

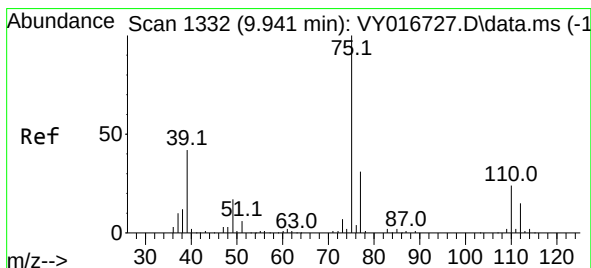
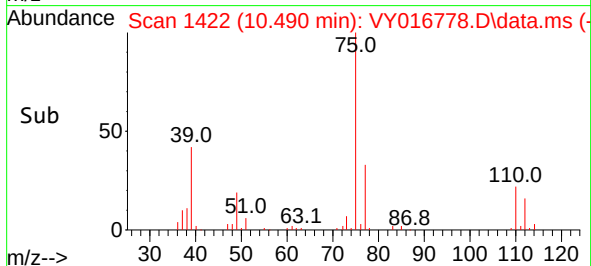
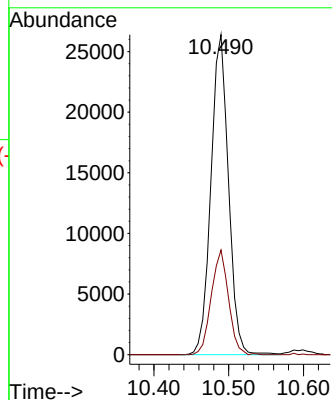
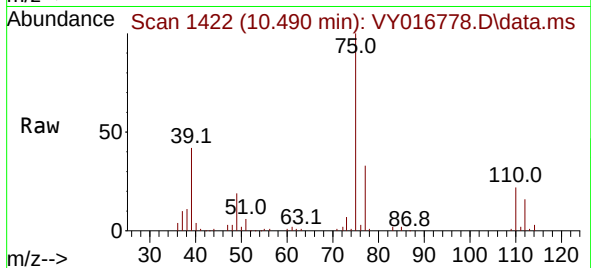
77 32.7 24.6 36.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#54

cis-1,3-Dichloropropene

Concen: 21.190 ug/l

RT: 9.953 min Scan# 1334

Delta R.T. 0.012 min

Lab File: VY016778.D

Acq: 22 Dec 2023 00:42

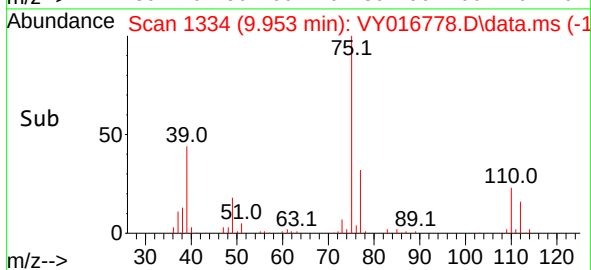
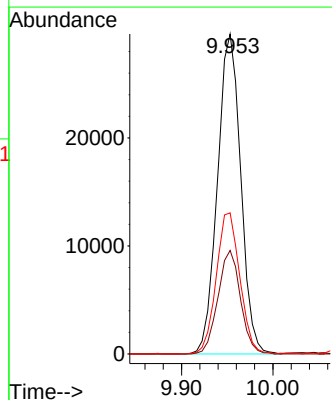
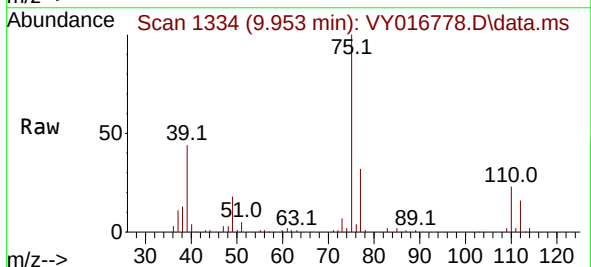
Tgt Ion: 75 Resp: 52403

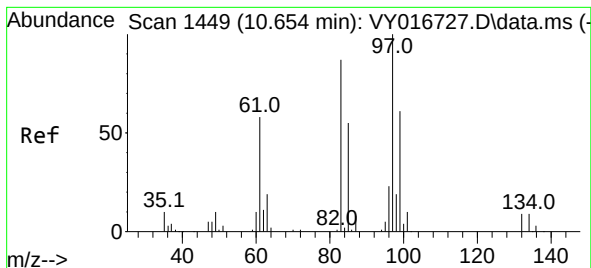
Ion Ratio Lower Upper

75 100

77 32.4 24.6 36.8

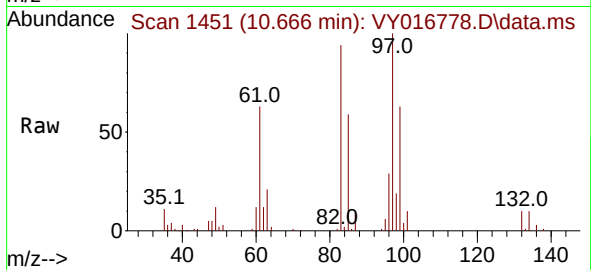
39 44.1 33.6 50.4





#55
1,1,2-Trichloroethane
Concen: 22.587 ug/l
RT: 10.666 min Scan# 1449
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

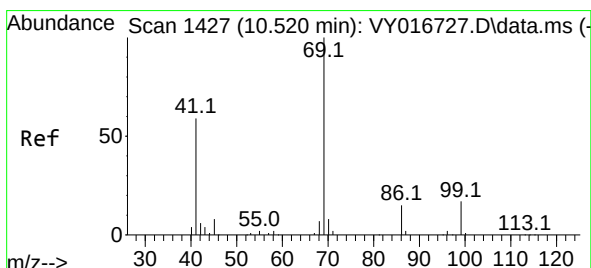
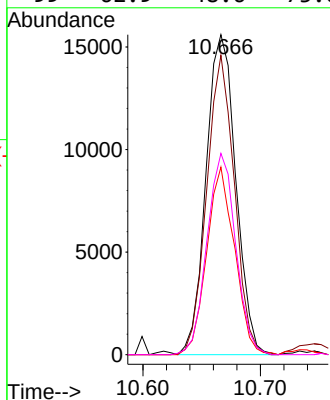
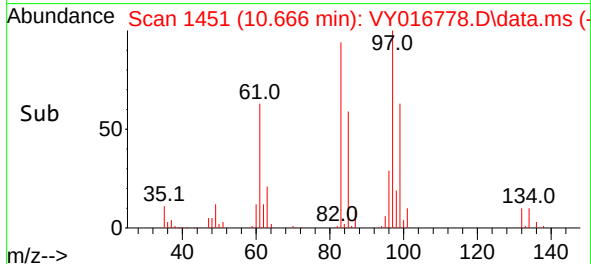
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS02



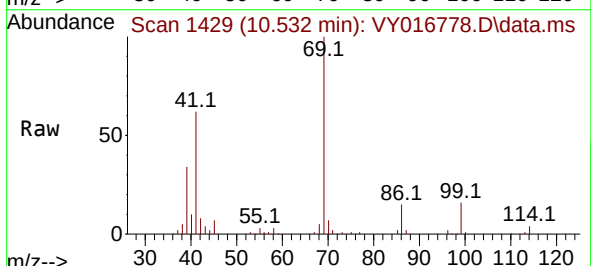
Tgt Ion:	97	Resp:	2749
Ion	Ratio	Lower	Upper
97	100		
83	93.6	69.4	104.2
85	58.6	43.9	65.9
99	62.9	48.6	73.0

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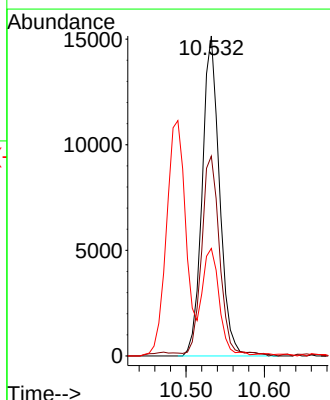
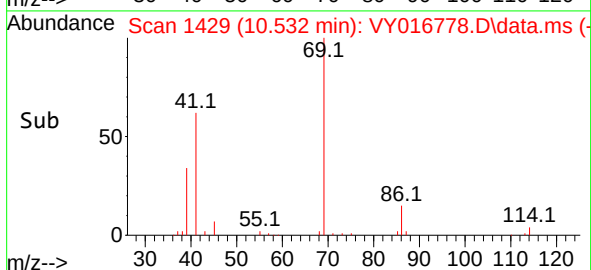
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

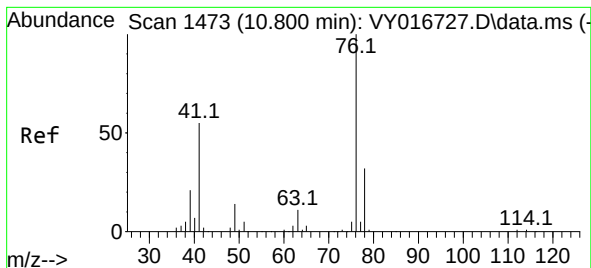


#56
Ethyl methacrylate
Concen: 21.890 ug/l
RT: 10.532 min Scan# 1429
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42



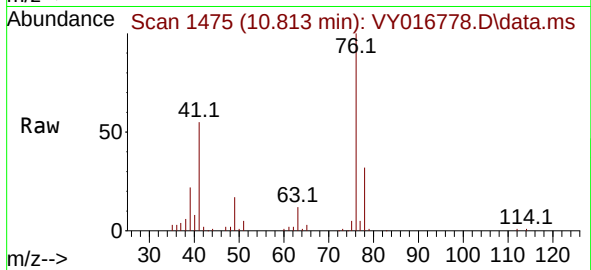
Tgt Ion:	69	Resp:	23429
Ion	Ratio	Lower	Upper
69	100		
41	65.0	49.2	73.8
39	31.1	26.8	40.2





#57
1,3-Dichloropropane
Concen: 22.310 ug/l
RT: 10.813 min Scan# 1473
Delta R.T. 0.013 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

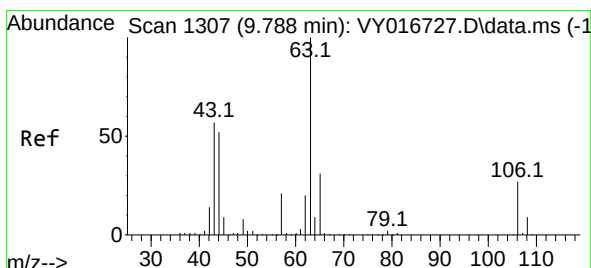
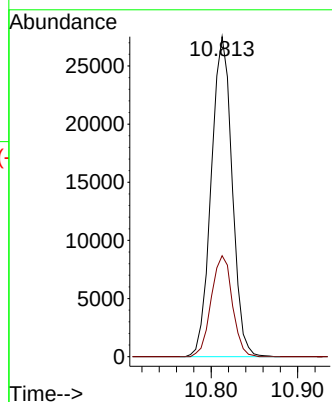
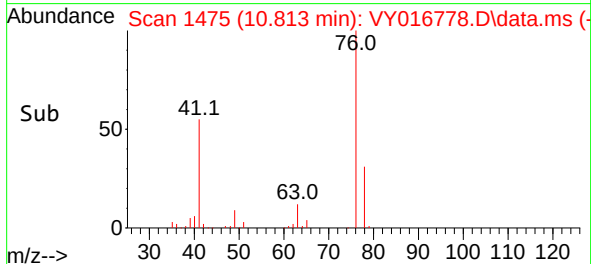
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS02



Tgt Ion: 76 Resp: 4612
Ion Ratio Lower Upper
76 100
78 31.8 26.1 39.1

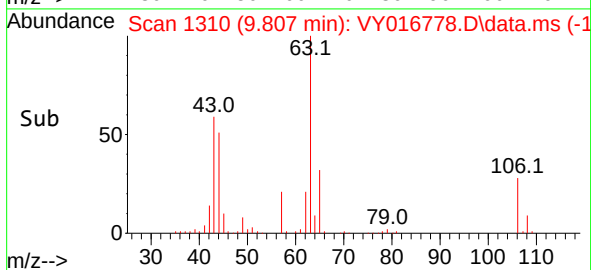
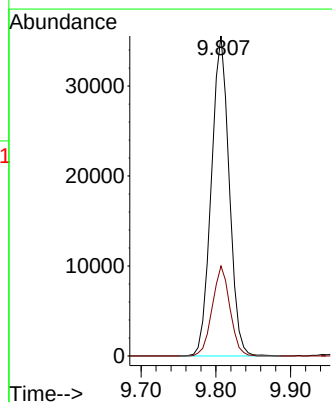
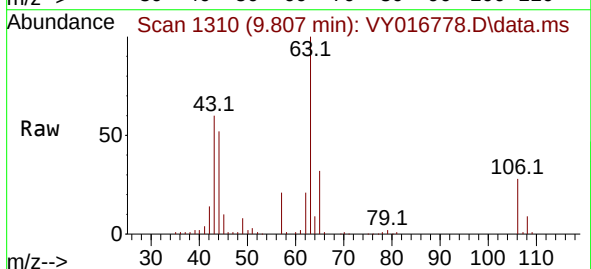
Manual Integrations
APPROVED

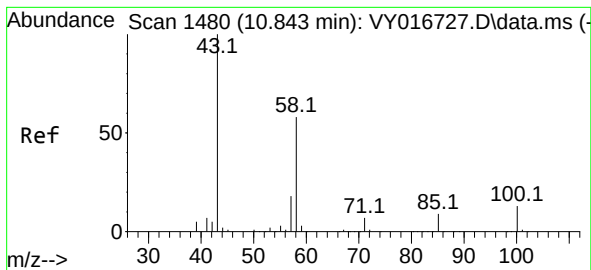
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#58
2-Chloroethyl Vinyl ether
Concen: 102.383 ug/l
RT: 9.807 min Scan# 1310
Delta R.T. 0.019 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

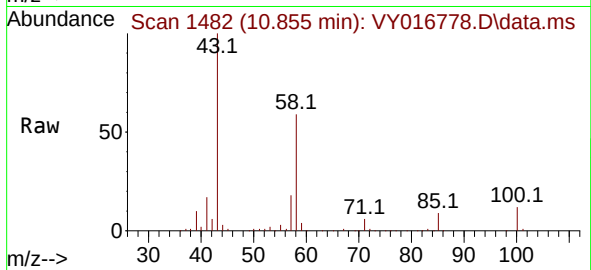
Tgt Ion: 63 Resp: 58949
Ion Ratio Lower Upper
63 100
106 27.7 22.4 33.6





#59
2-Hexanone
Concen: 109.298 ug/l
RT: 10.855 min Scan# 1480
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

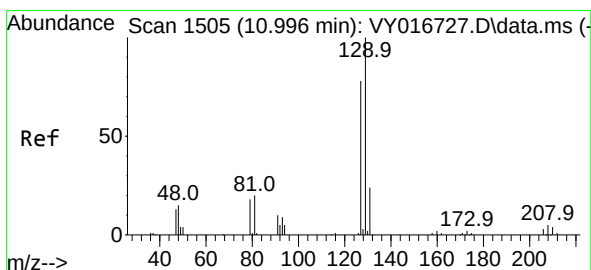
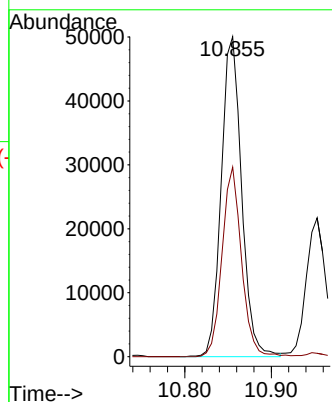
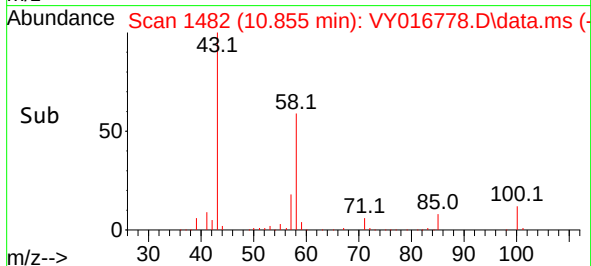
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS02



Tgt Ion: 43 Resp: 81778
Ion Ratio Lower Upper
43 100
58 56.6 28.1 84.3

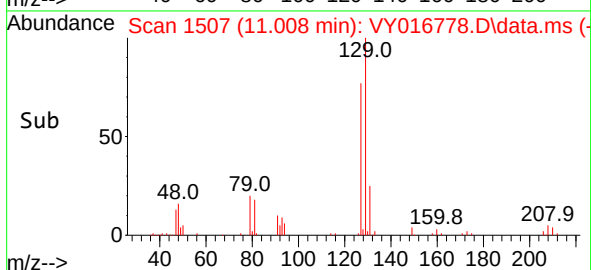
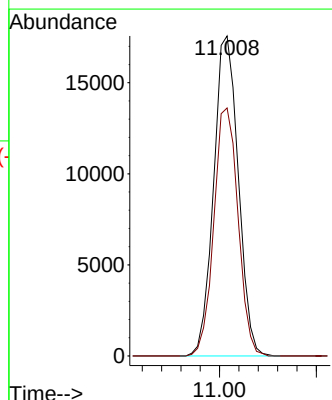
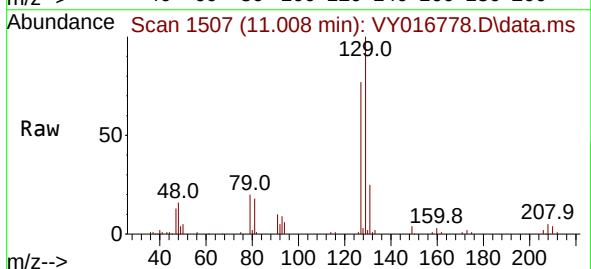
Manual Integrations
APPROVED

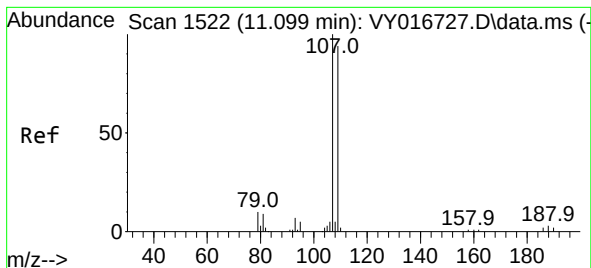
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#60
Dibromochloromethane
Concen: 22.052 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

Tgt Ion:129 Resp: 31050
Ion Ratio Lower Upper
129 100
127 76.1 39.2 117.6





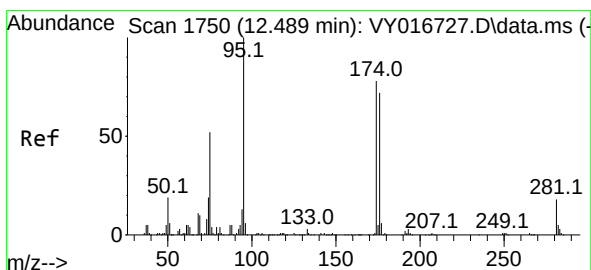
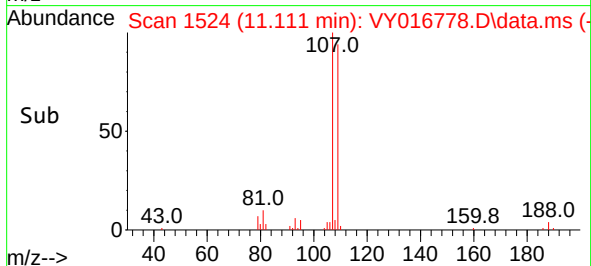
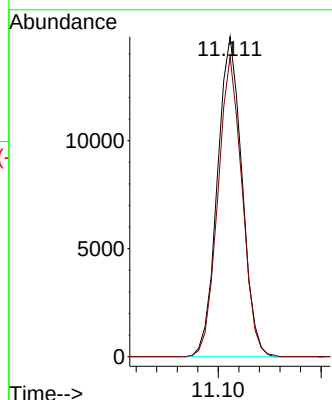
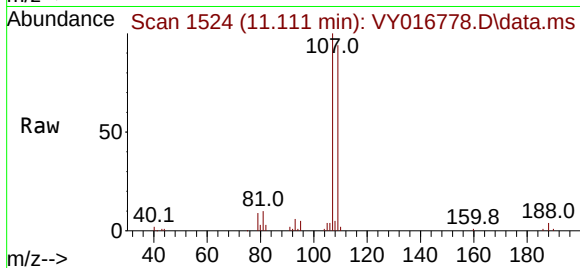
#61
1,2-Dibromoethane
Concen: 22.508 ug/l
RT: 11.111 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS02

Tgt Ion:107 Resp: 2456
Ion Ratio Lower Upper
107 100
109 92.0 75.4 113.2

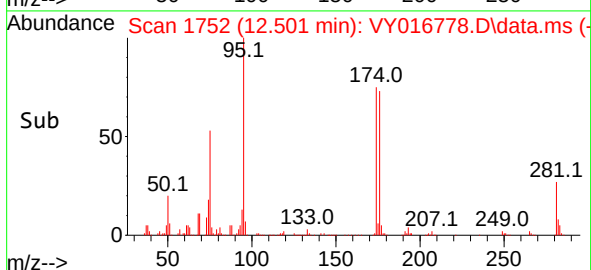
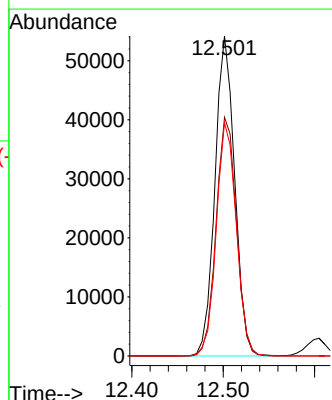
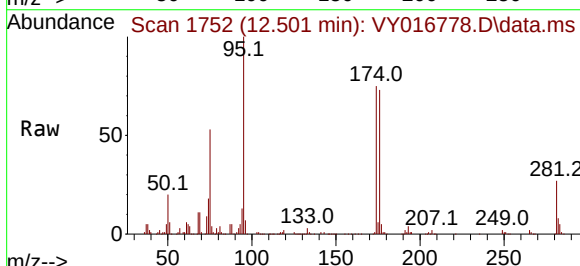
Manual Integrations
APPROVED

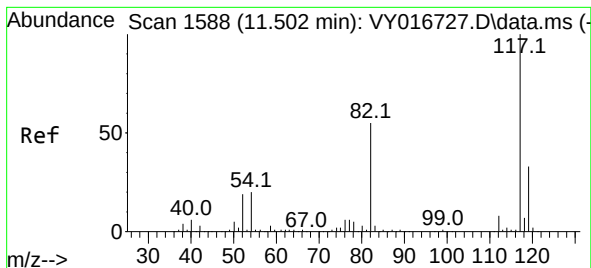
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#62
4-Bromofluorobenzene
Concen: 49.157 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

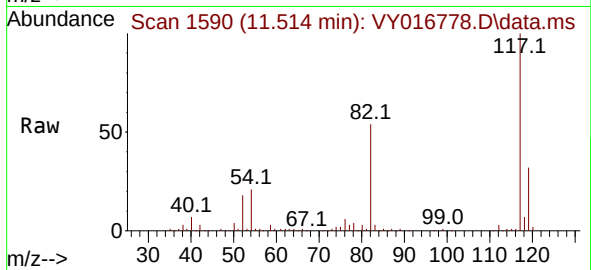
Tgt Ion: 95 Resp: 81125
Ion Ratio Lower Upper
95 100
174 77.1 0.0 160.0
176 73.9 0.0 151.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

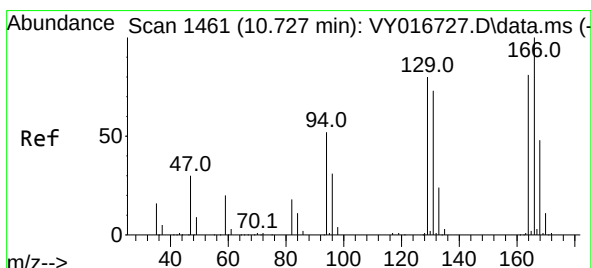
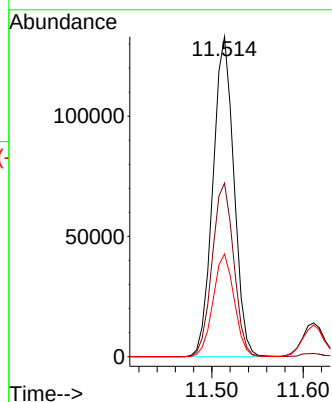
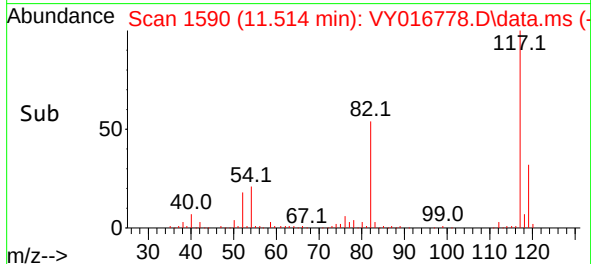
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS02



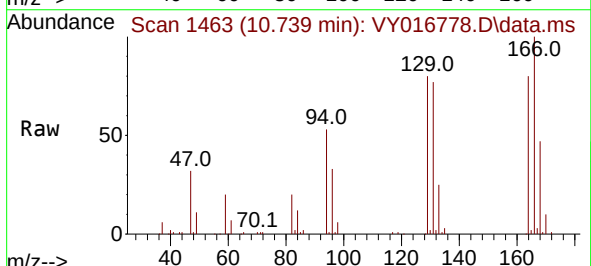
Tgt Ion:117 Resp: 21229
Ion Ratio Lower Upper
117 100
82 54.3 43.8 65.8
119 32.1 26.5 39.7

Manual Integrations
APPROVED

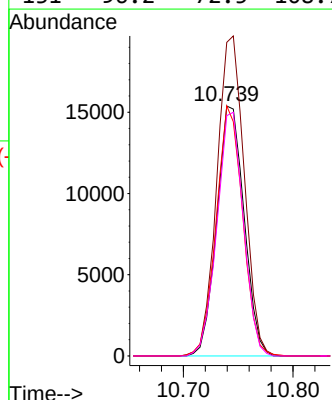
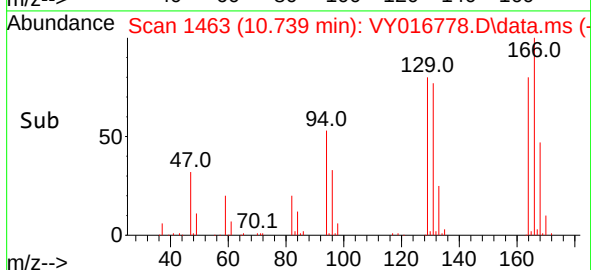
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

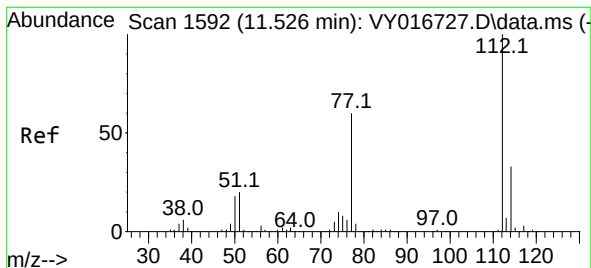


#64
Tetrachloroethene
Concen: 20.181 ug/l
RT: 10.739 min Scan# 1463
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42



Tgt Ion:164 Resp: 26613
Ion Ratio Lower Upper
164 100
166 125.5 98.8 148.2
129 100.1 78.9 118.3
131 96.2 72.5 108.7





#65

Chlorobenzene

Concen: 20.760 ug/l

RT: 11.538 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016778.D

Acq: 22 Dec 2023 00:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBS02

Tgt Ion:112 Resp: 86589

Ion Ratio Lower Upper

112 100

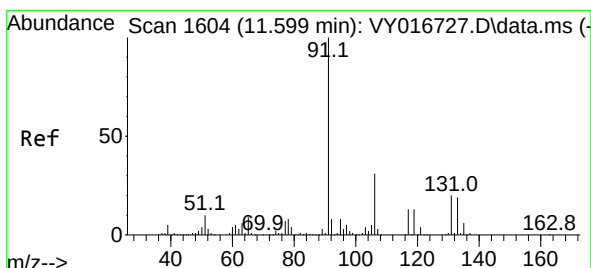
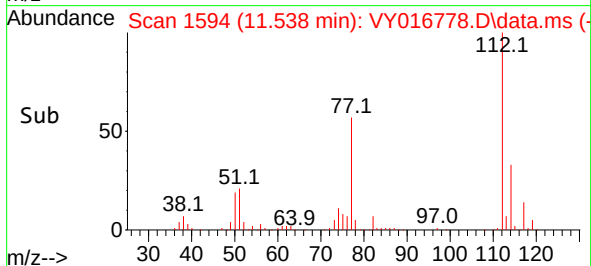
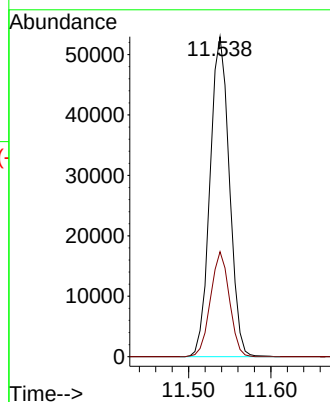
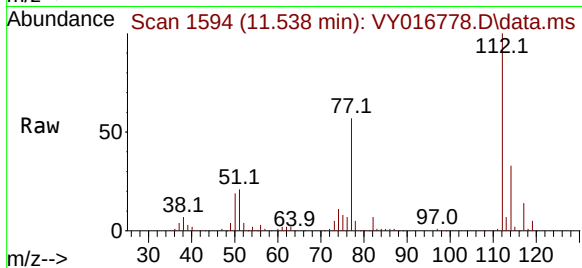
114 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 20.509 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.012 min

Lab File: VY016778.D

Acq: 22 Dec 2023 00:42

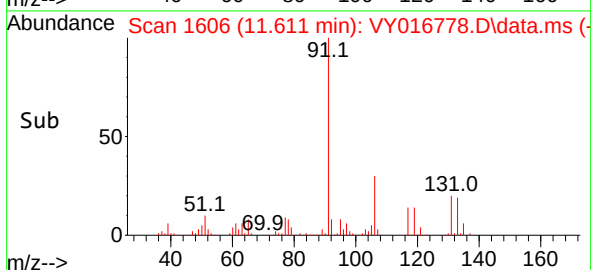
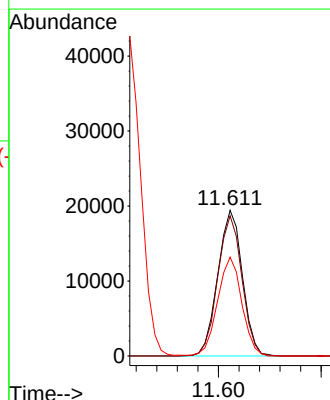
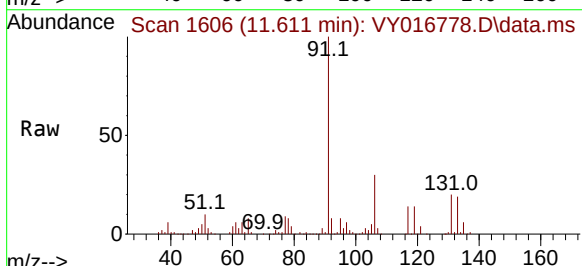
Tgt Ion:131 Resp: 32185

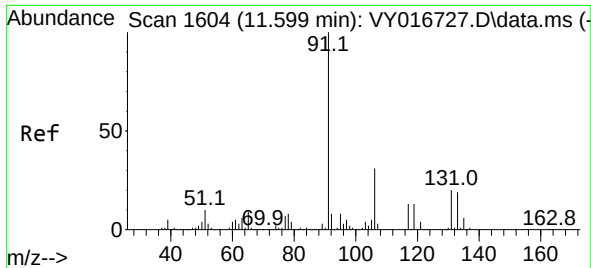
Ion Ratio Lower Upper

131 100

133 95.1 47.0 141.0

119 66.8 33.3 99.9





#67

Ethyl Benzene

Concen: 19.983 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.012 min

Lab File: VY016778.D

Acq: 22 Dec 2023 00:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBS02

Tgt Ion: 91 Resp: 153408

Ion Ratio Lower Upper

91 100

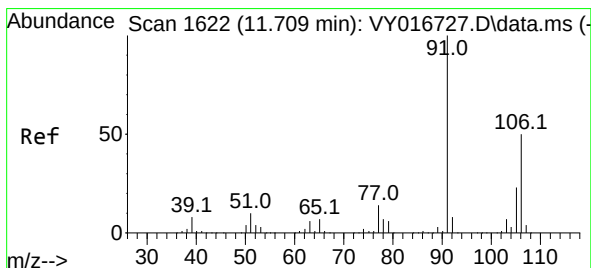
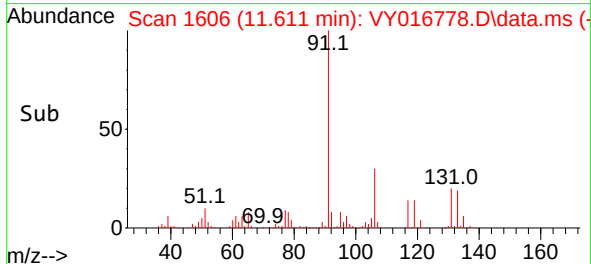
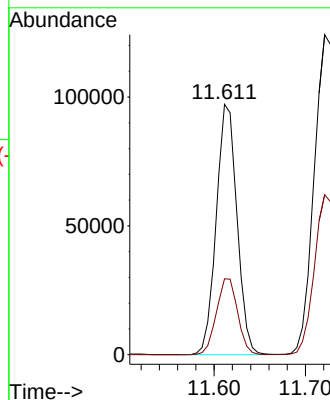
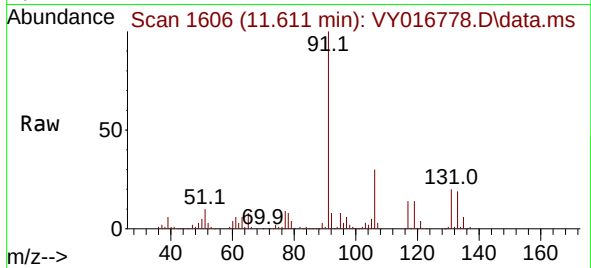
106 30.3 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#68

m/p-Xylenes

Concen: 40.232 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.012 min

Lab File: VY016778.D

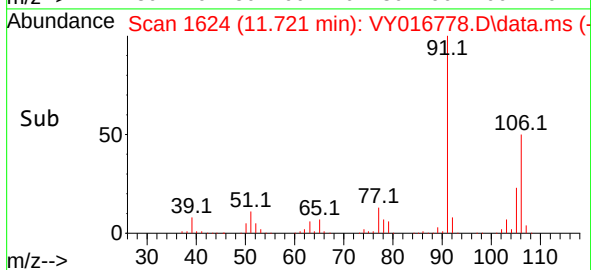
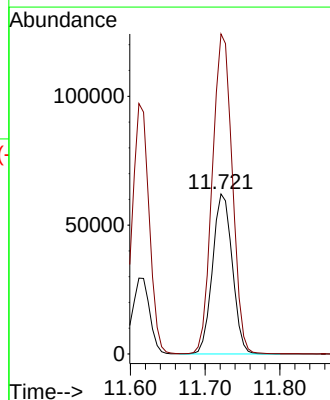
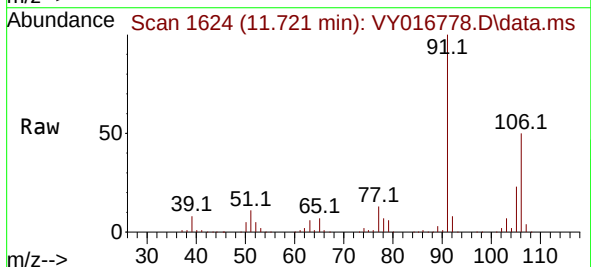
Acq: 22 Dec 2023 00:42

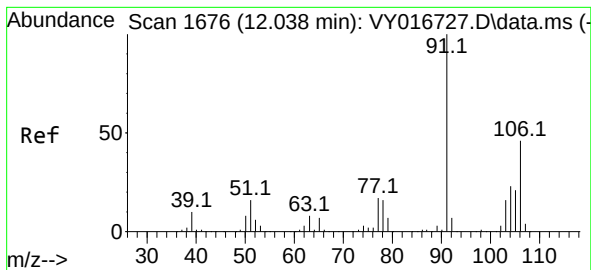
Tgt Ion:106 Resp: 114053

Ion Ratio Lower Upper

106 100

91 201.9 160.7 241.1





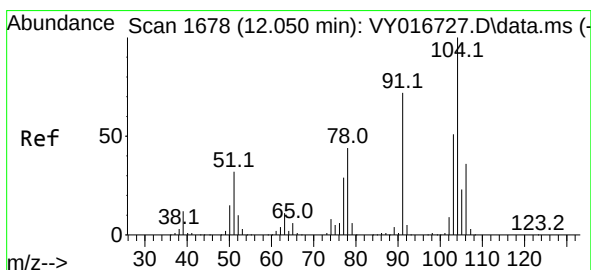
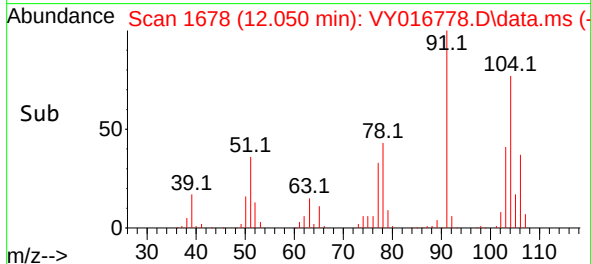
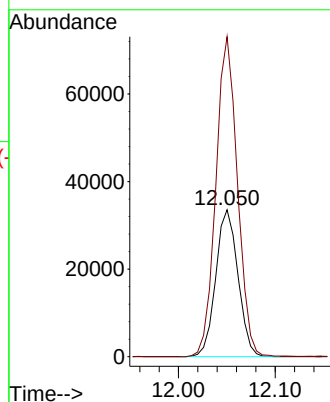
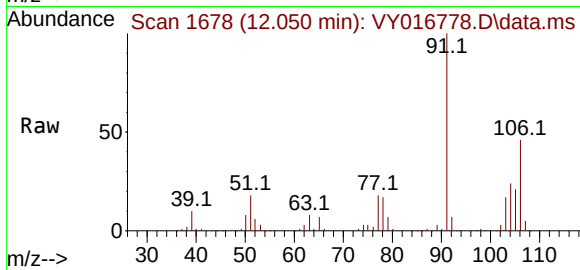
#69
o-Xylene
Concen: 20.542 ug/l
RT: 12.050 min Scan# 1676
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS02

Tgt Ion:106 Resp: 5342
Ion Ratio Lower Upper
106 100
91 212.2 106.5 319.5

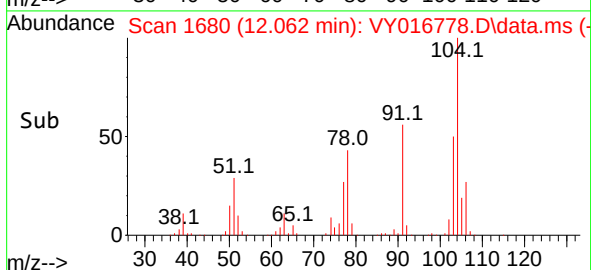
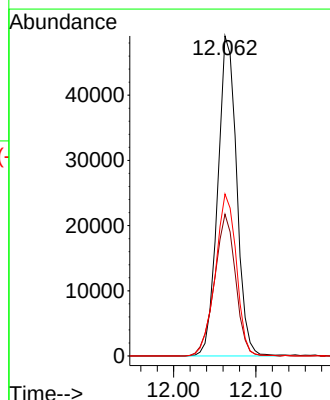
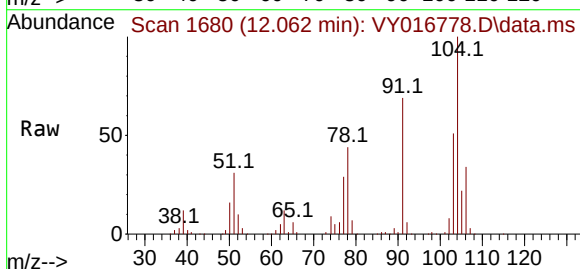
Manual Integrations
APPROVED

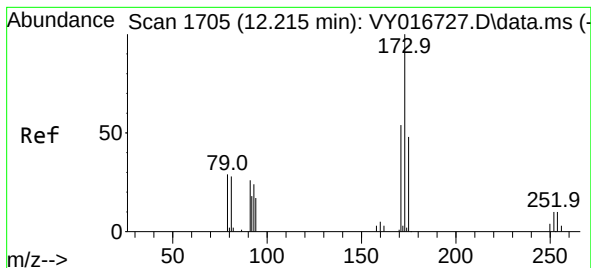
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#70
Styrene
Concen: 20.401 ug/l
RT: 12.062 min Scan# 1680
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

Tgt Ion:104 Resp: 78513
Ion Ratio Lower Upper
104 100
78 49.3 39.2 58.8
103 56.1 43.8 65.6





#71

Bromoform

Concen: 20.945 ug/l

RT: 12.227 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016778.D

Acq: 22 Dec 2023 00:42

Instrument :

MSVOA_Y

ClientSampleId :

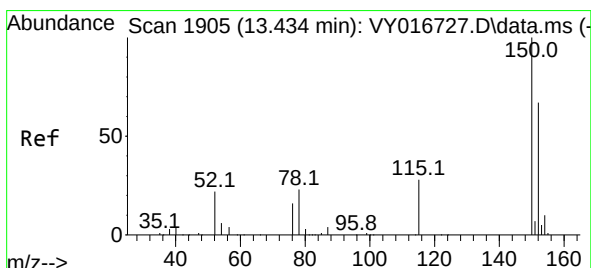
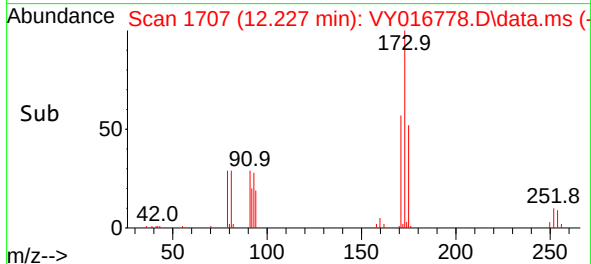
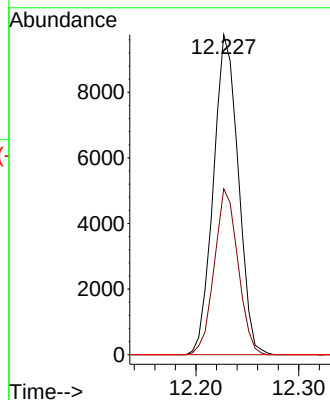
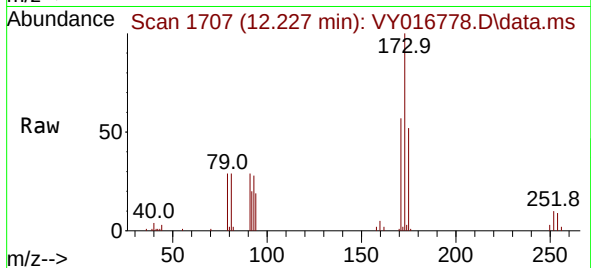
VY1221SBS02

Tgt Ion:173 Resp: 1638
 Ion Ratio Lower Upper
 173 100
 175 49.3 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

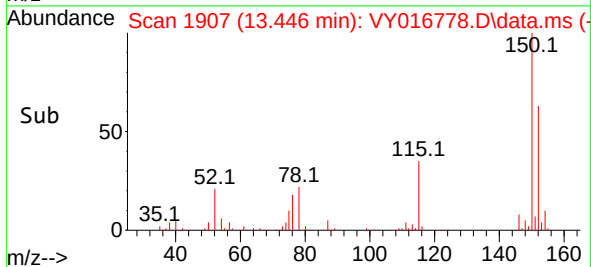
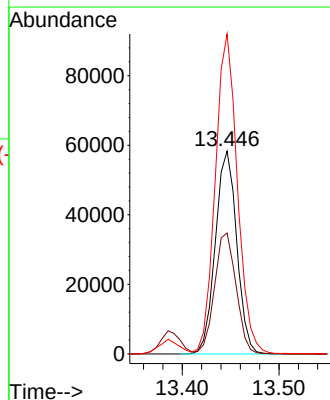
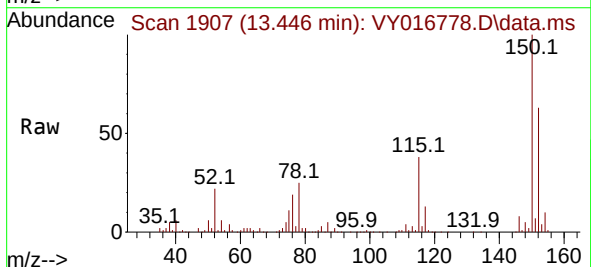
RT: 13.446 min Scan# 1907

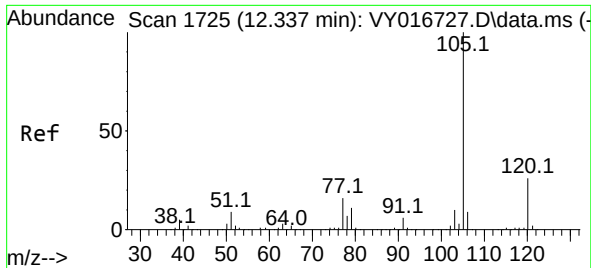
Delta R.T. 0.012 min

Lab File: VY016778.D

Acq: 22 Dec 2023 00:42

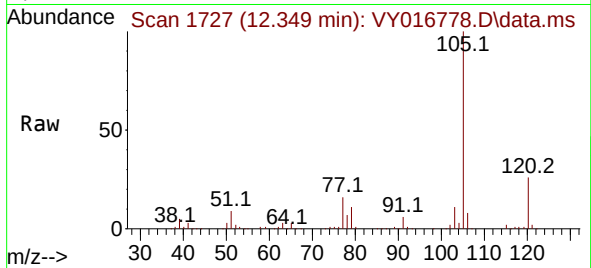
Tgt Ion:152 Resp: 89533
 Ion Ratio Lower Upper
 152 100
 115 60.4 30.0 90.0
 150 163.3 0.0 344.6





#73
Isopropylbenzene
Concen: 20.582 ug/l
RT: 12.349 min Scan# 1725
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

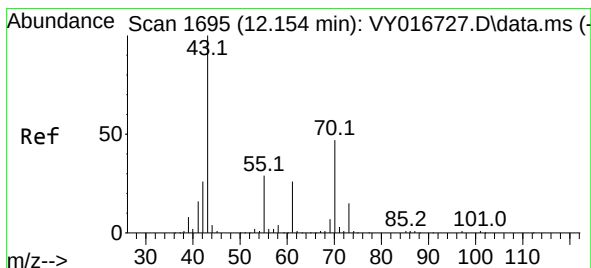
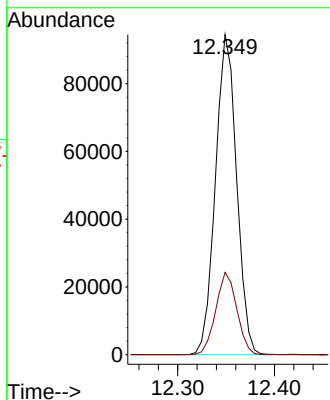
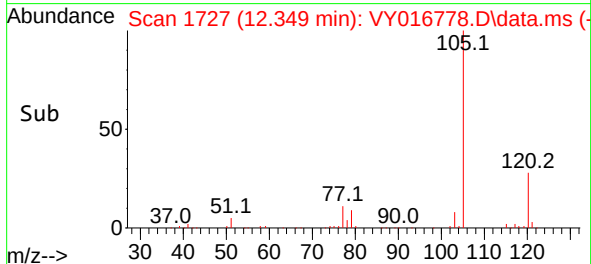
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS02



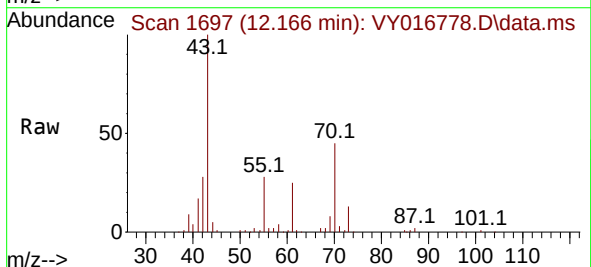
Tgt Ion:105 Resp: 143519
Ion Ratio Lower Upper
105 100
120 25.5 13.0 39.0

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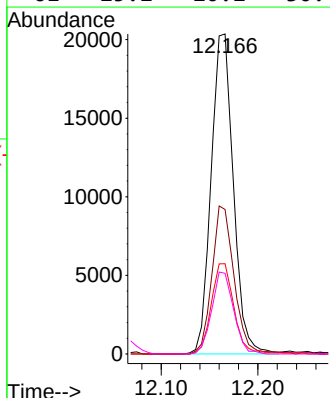
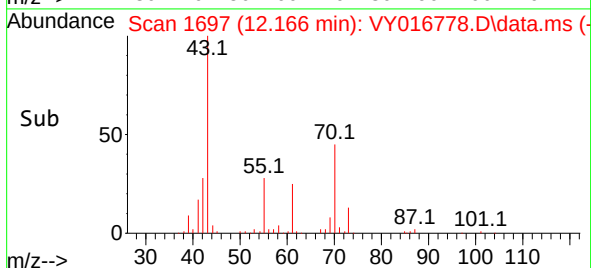
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

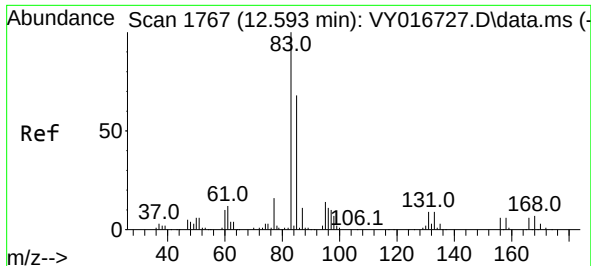


#74
N-ethyl acetate
Concen: 22.174 ug/l
RT: 12.166 min Scan# 1697
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42



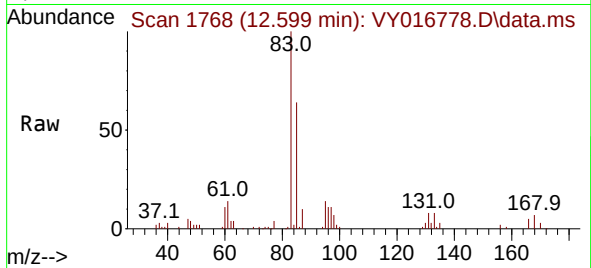
Tgt Ion: 43 Resp: 32449
Ion Ratio Lower Upper
43 100
70 46.2 36.6 55.0
55 28.8 22.2 33.4
61 25.2 20.2 30.4





#75
1,1,2,2-Tetrachloroethane
Concen: 22.878 ug/l
RT: 12.599 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

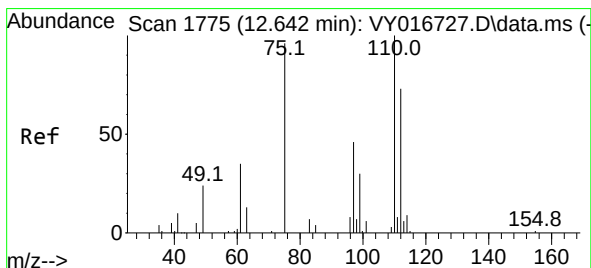
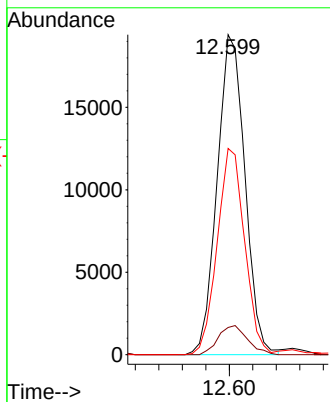
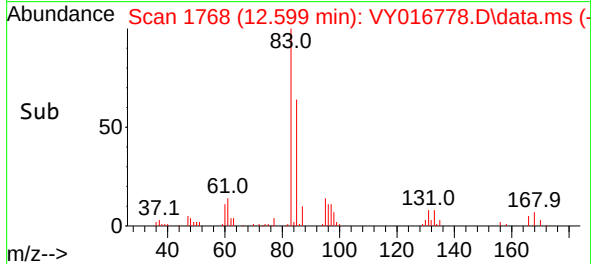
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS02



Tgt Ion: 83 Resp: 31879
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.6
85 63.8 32.6 98.0

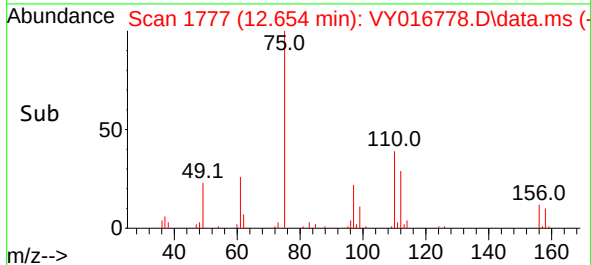
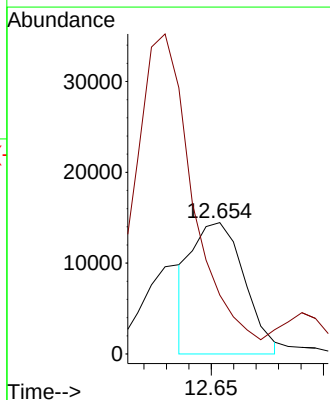
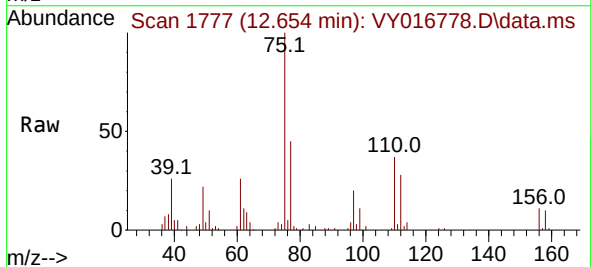
Manual Integrations
APPROVED

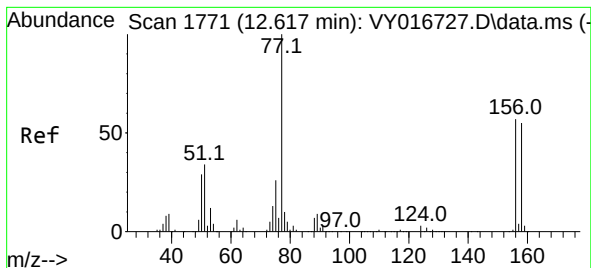
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#76
1,2,3-Trichloropropane
Concen: 23.620 ug/l m
RT: 12.654 min Scan# 1777
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

Tgt Ion: 75 Resp: 23378
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.865 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.012 min

Lab File: VY016778.D

Acq: 22 Dec 2023 00:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBS02

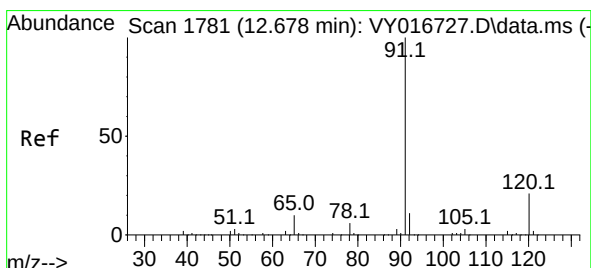
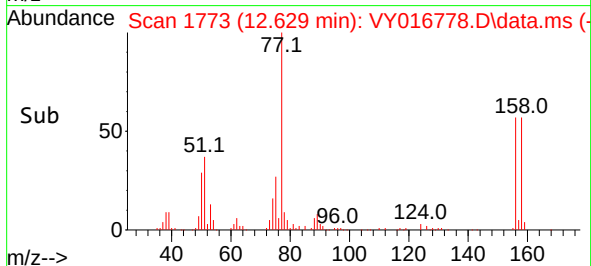
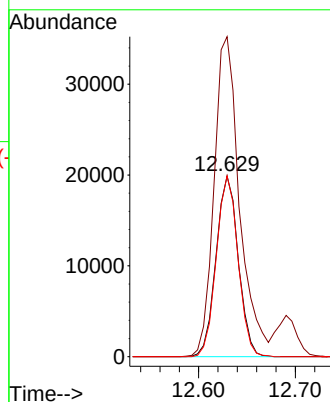
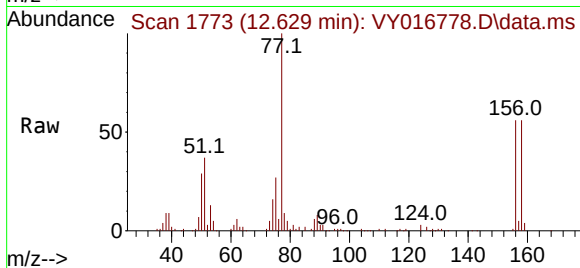
Tgt Ion: 156 Resp: 31740

Ion	Ratio	Lower	Upper
156	100		
77	202.4	97.3	291.8
158	97.4	48.4	145.0

Manual Integrations

APPROVED

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



#78

n-propylbenzene

Concen: 20.399 ug/l

RT: 12.690 min Scan# 1783

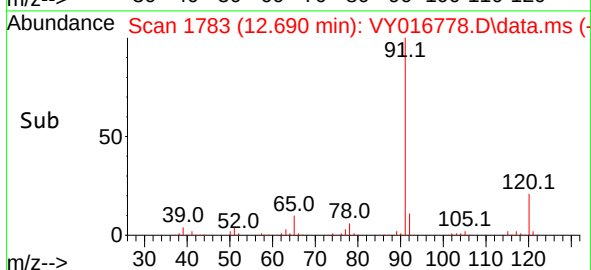
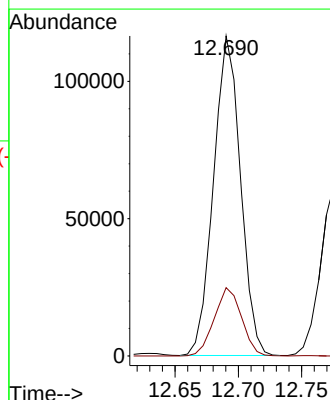
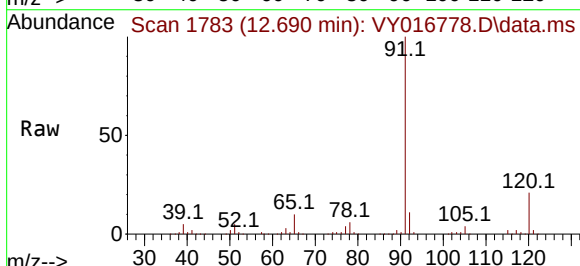
Delta R.T. 0.012 min

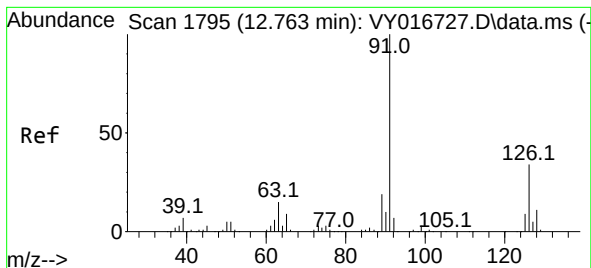
Lab File: VY016778.D

Acq: 22 Dec 2023 00:42

Tgt Ion: 91 Resp: 172335

Ion	Ratio	Lower	Upper
91	100		
120	21.6	11.0	33.0





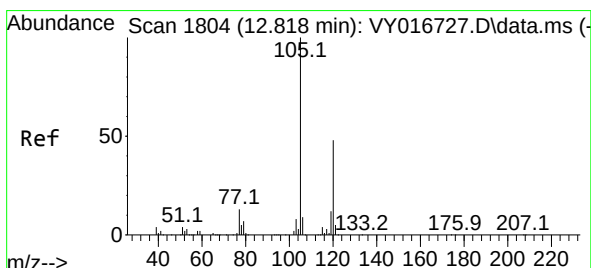
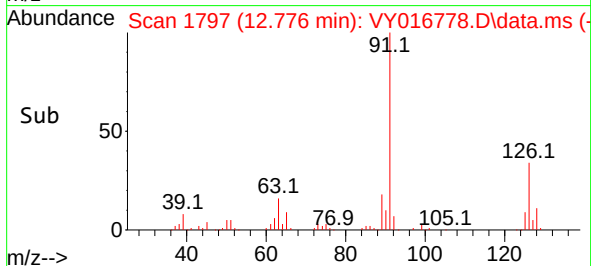
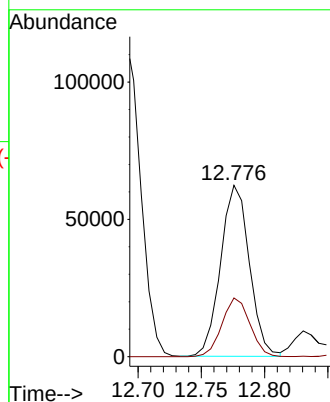
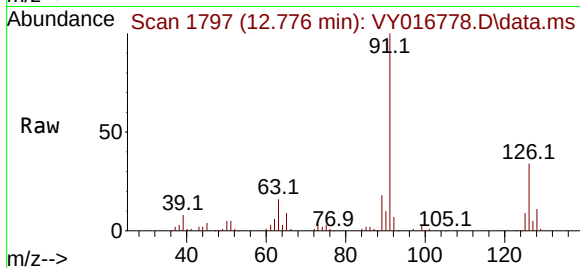
#79
2-Chlorotoluene
Concen: 21.105 ug/l
RT: 12.776 min Scan# 1795
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS02

Tgt Ion: 91 Resp: 9866
Ion Ratio Lower Upper
91 100
126 33.4 17.0 51.0

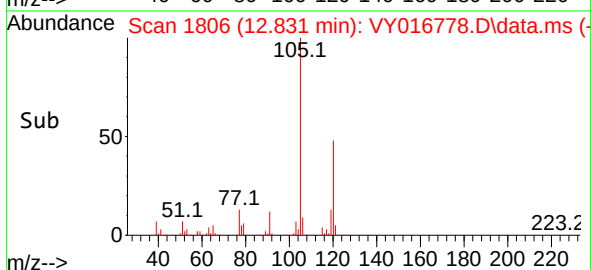
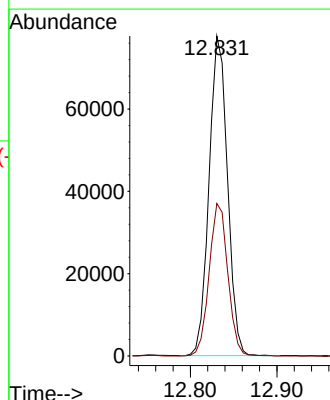
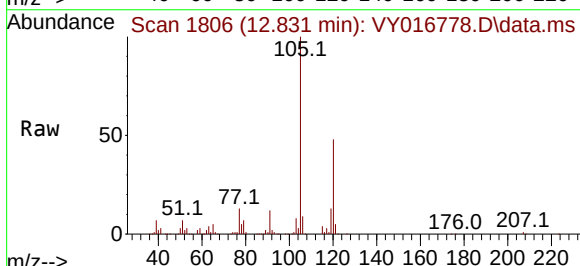
Manual Integrations
APPROVED

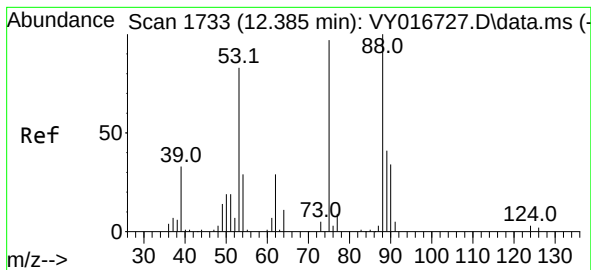
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.789 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

Tgt Ion:105 Resp: 114750
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8





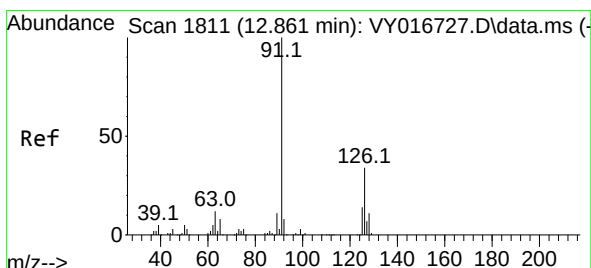
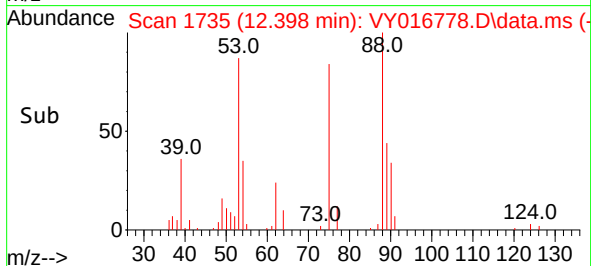
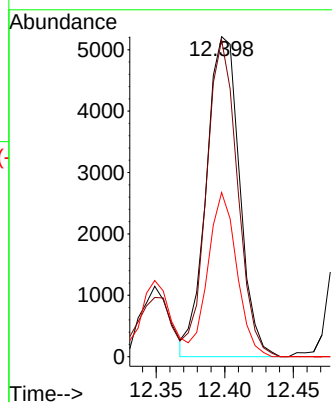
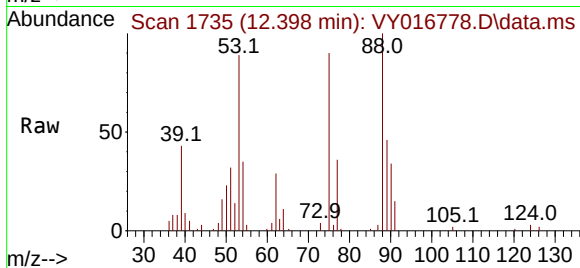
#81
trans-1,4-Dichloro-2-butene
Concen: 20.897 ug/l
RT: 12.398 min Scan# 1735
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS02

Tgt Ion: 75 Resp: 880
Ion Ratio Lower Upper
75 100
53 91.9 74.0 111.0
89 44.0 36.5 54.7

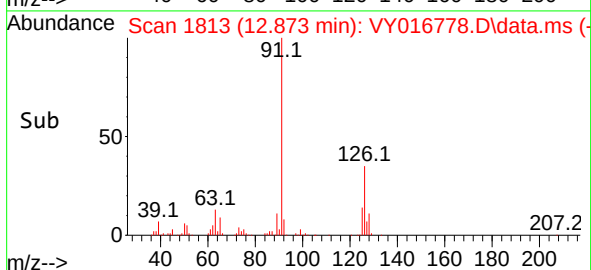
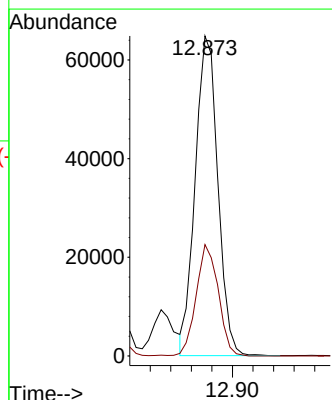
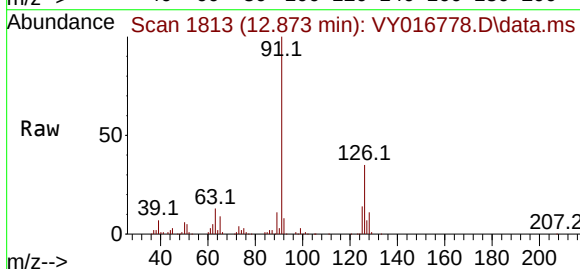
Manual Integrations
APPROVED

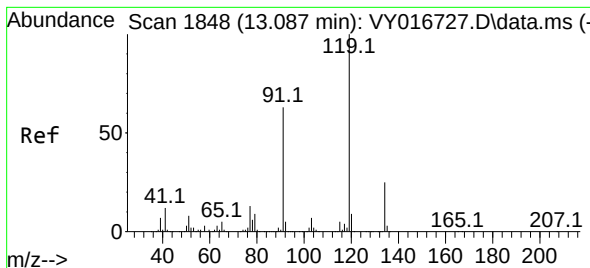
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#82
4-Chlorotoluene
Concen: 20.662 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

Tgt Ion: 91 Resp: 99093
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.2





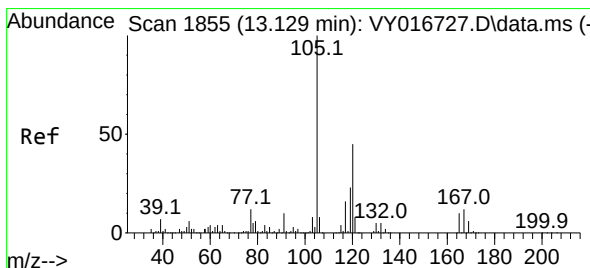
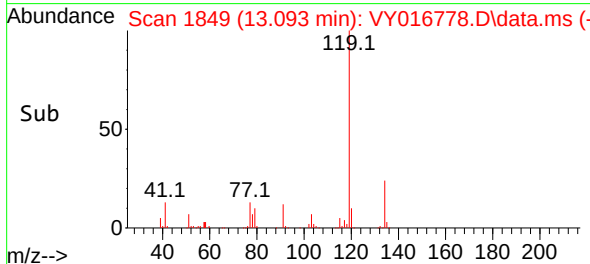
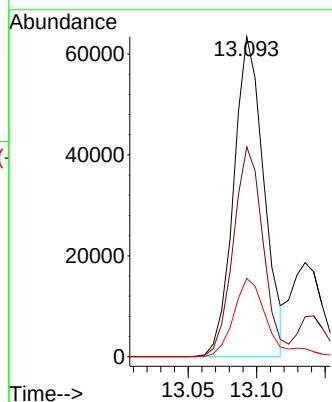
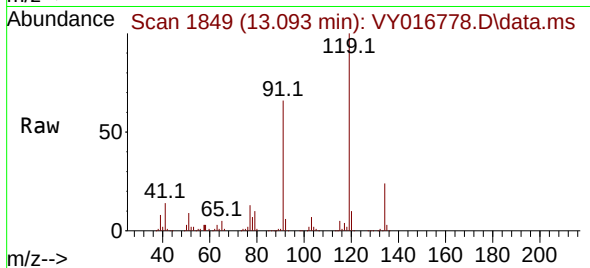
#83
tert-Butylbenzene
Concen: 20.299 ug/l
RT: 13.093 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS02

Tgt Ion:119 Resp: 97459
Ion Ratio Lower Upper
119 100
91 64.9 31.5 94.5
134 27.2 13.1 39.3

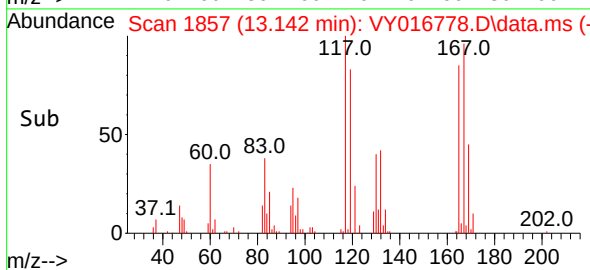
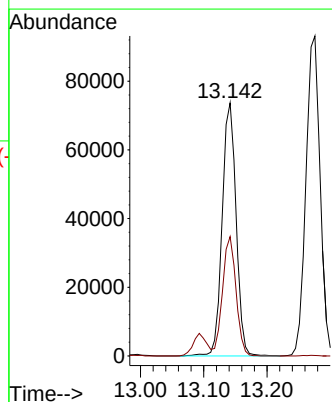
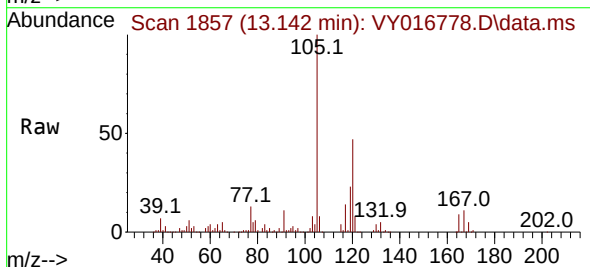
Manual Integrations
APPROVED

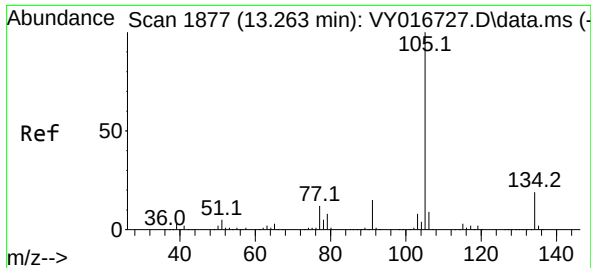
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.604 ug/l
RT: 13.142 min Scan# 1857
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

Tgt Ion:105 Resp: 112145
Ion Ratio Lower Upper
105 100
120 45.8 22.1 66.3





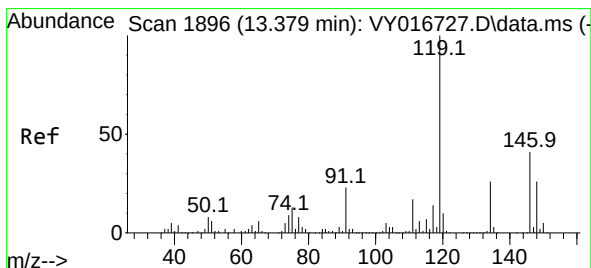
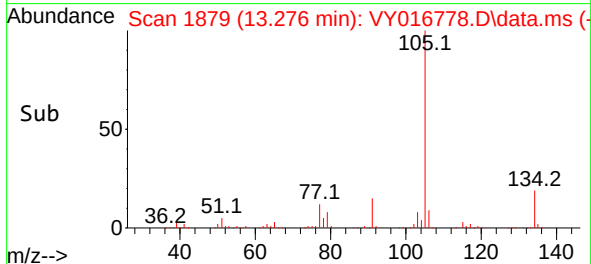
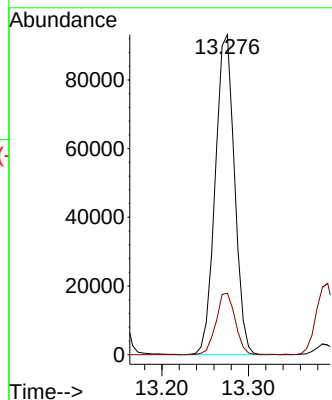
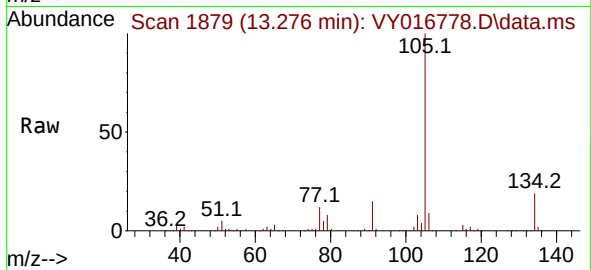
#85
 sec-Butylbenzene
 Concen: 20.256 ug/l
 RT: 13.276 min Scan# 1879
 Delta R.T. 0.012 min
 Lab File: VY016778.D
 Acq: 22 Dec 2023 00:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1221SBS02

Tgt Ion:105 Resp: 144049
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 28.9

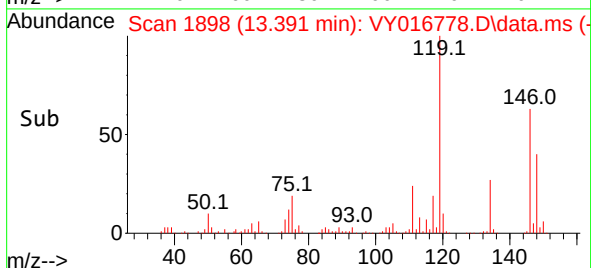
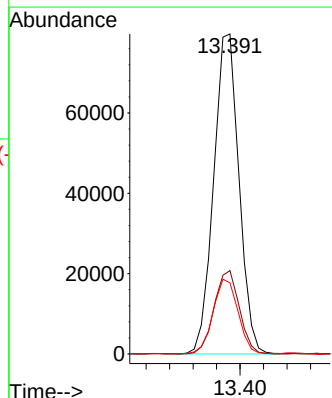
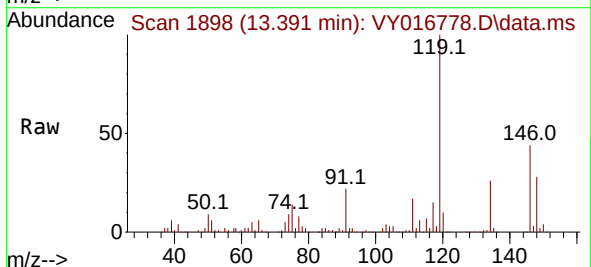
Manual Integrations
 APPROVED

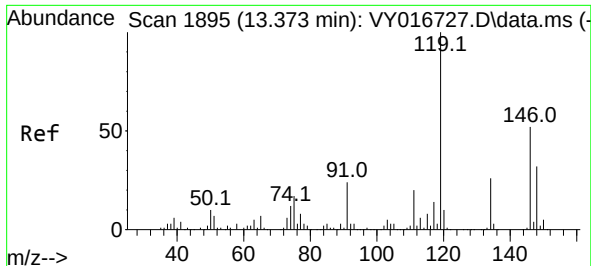
Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023



#86
 p-Isopropyltoluene
 Concen: 20.152 ug/l
 RT: 13.391 min Scan# 1898
 Delta R.T. 0.012 min
 Lab File: VY016778.D
 Acq: 22 Dec 2023 00:42

Tgt Ion:119 Resp: 119346
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 23.0 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 20.997 ug/l

RT: 13.385 min Scan# 1895

Delta R.T. 0.012 min

Lab File: VY016778.D

Acq: 22 Dec 2023 00:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBS02

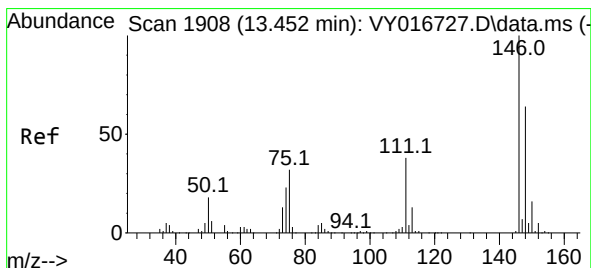
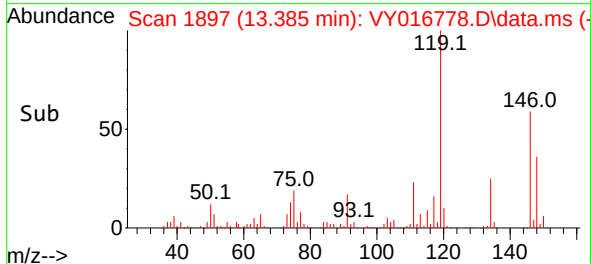
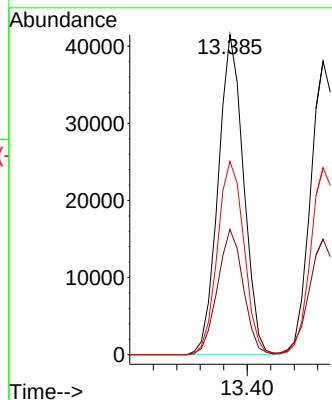
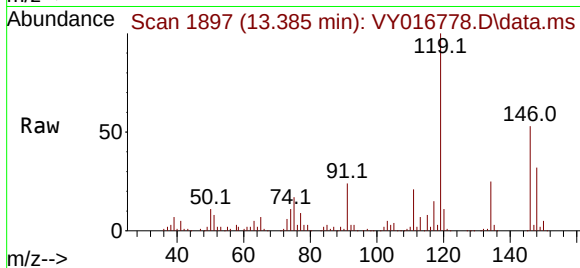
Tgt Ion:146 Resp: 6242

Ion	Ratio	Lower	Upper
146	100		
111	39.6	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: 20.690 ug/l

RT: 13.465 min Scan# 1910

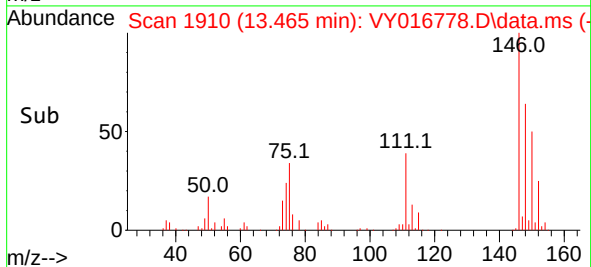
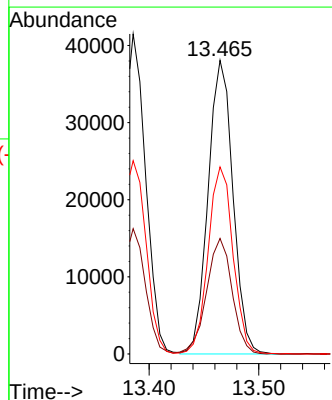
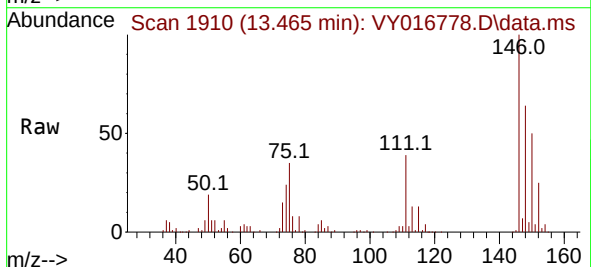
Delta R.T. 0.012 min

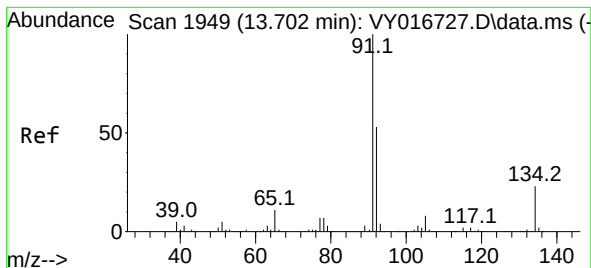
Lab File: VY016778.D

Acq: 22 Dec 2023 00:42

Tgt Ion:146 Resp: 60059

Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.3	57.9
148	63.9	31.6	94.7





#89

n-Butylbenzene

Concen: 19.905 ug/l

RT: 13.715 min Scan# 1949

Delta R.T. 0.012 min

Lab File: VY016778.D

Acq: 22 Dec 2023 00:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBS02

Tgt Ion: 91 Resp: 112689

Ion Ratio Lower Upper

91 100

92 52.4 26.4 79.2

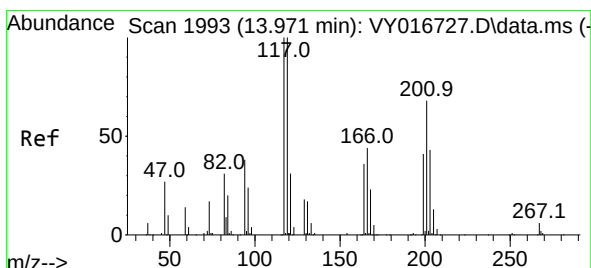
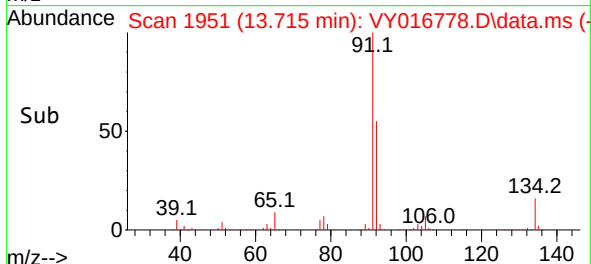
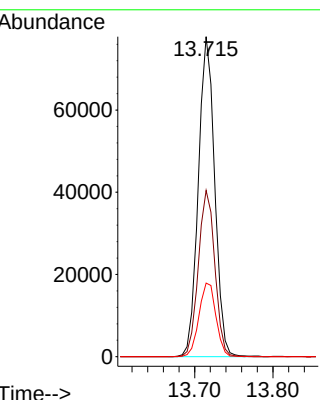
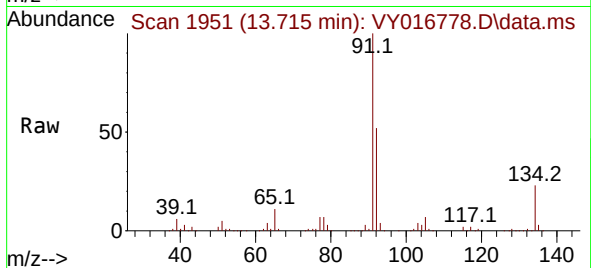
134 23.9 12.3 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#90

Hexachloroethane

Concen: 20.758 ug/l

RT: 13.983 min Scan# 1995

Delta R.T. 0.012 min

Lab File: VY016778.D

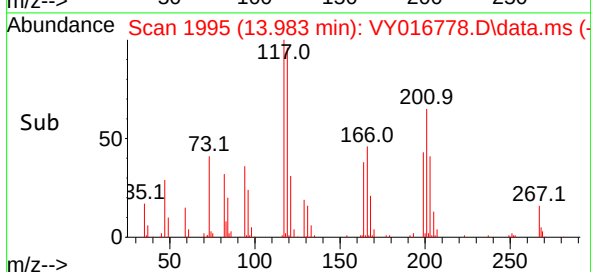
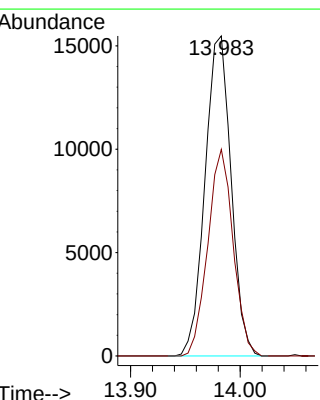
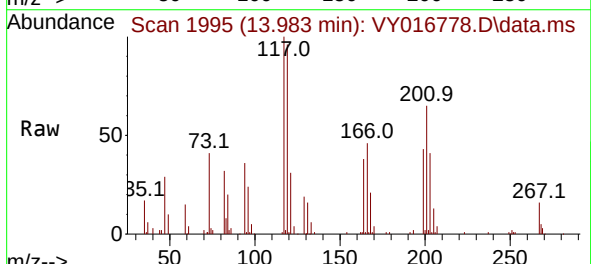
Acq: 22 Dec 2023 00:42

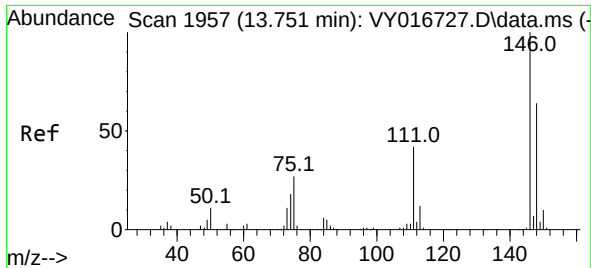
Tgt Ion:117 Resp: 25599

Ion Ratio Lower Upper

117 100

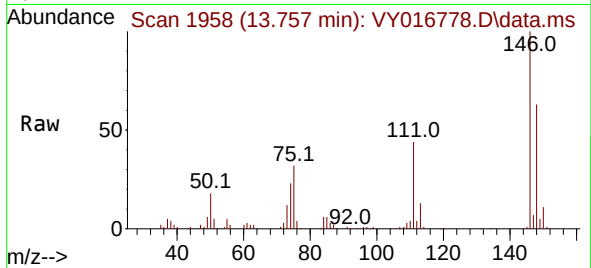
201 62.7 33.4 100.1





#91
1,2-Dichlorobenzene
Concen: 21.096 ug/l
RT: 13.757 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

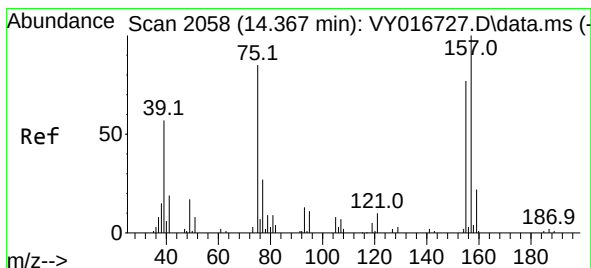
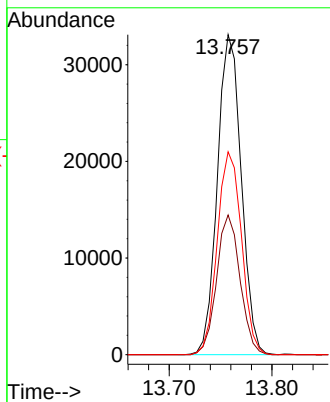
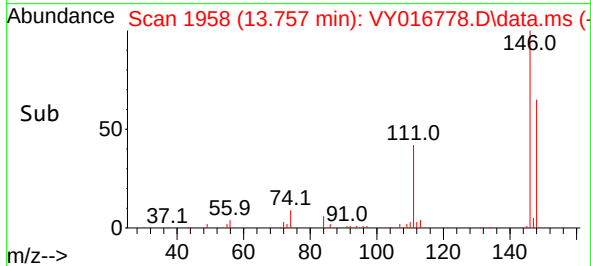
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS02



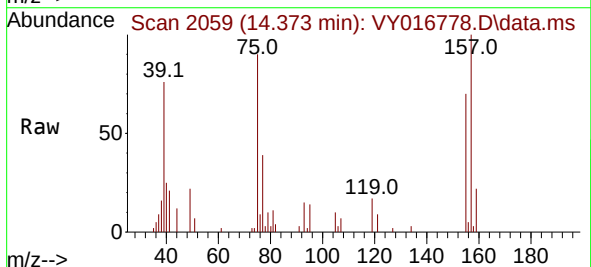
Tgt Ion:146 Resp: 53429
Ion Ratio Lower Upper
146 100
111 42.8 20.5 61.6
148 64.3 31.4 94.3

Manual Integrations
APPROVED

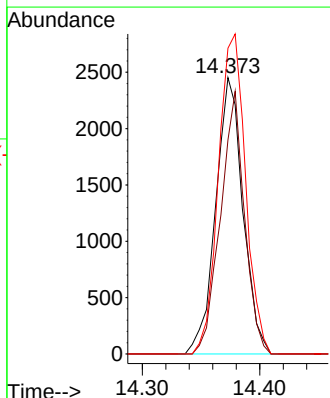
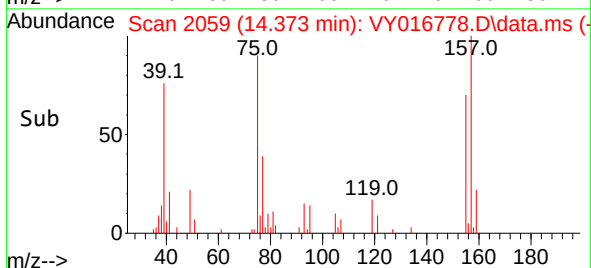
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

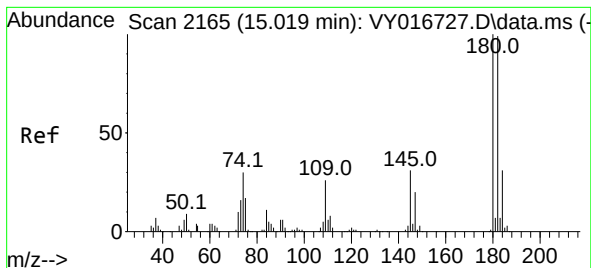


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.857 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42



Tgt Ion: 75 Resp: 3948
Ion Ratio Lower Upper
75 100
155 83.9 42.1 126.3
157 115.5 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 19.953 ug/l

RT: 15.025 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016778.D

Acq: 22 Dec 2023 00:42

Instrument :

MSVOA_Y

ClientSampleId :

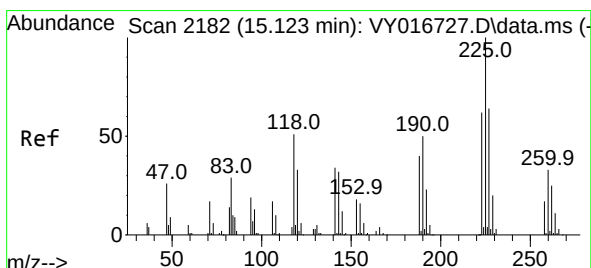
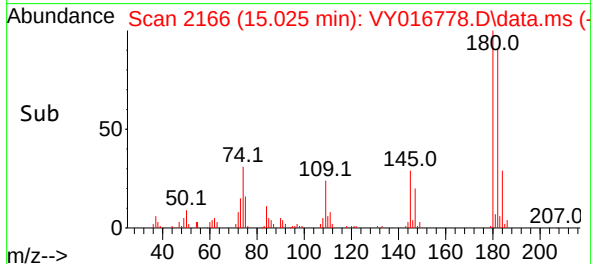
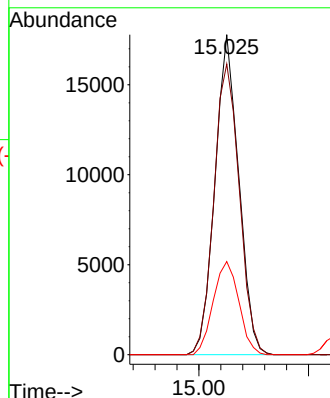
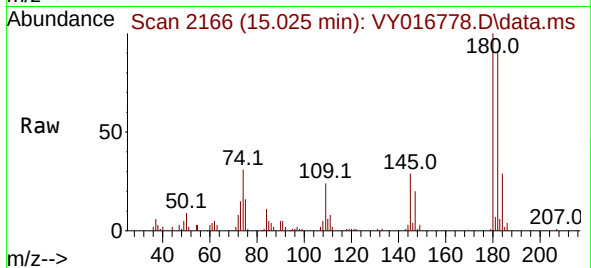
VY1221SBS02

Tgt Ion:	180	Resp:	2681
Ion Ratio	Lower	Upper	
180	100		
182	97.0	47.9	143.7
145	31.3	15.9	47.7

Manual Integrations

APPROVED

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



#94

Hexachlorobutadiene

Concen: 20.362 ug/l

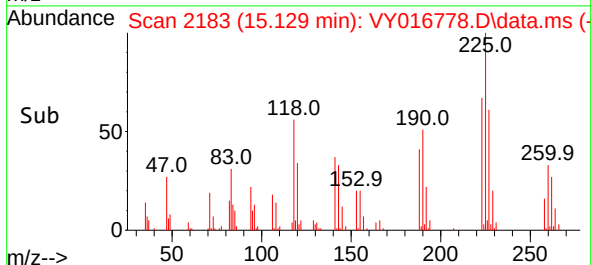
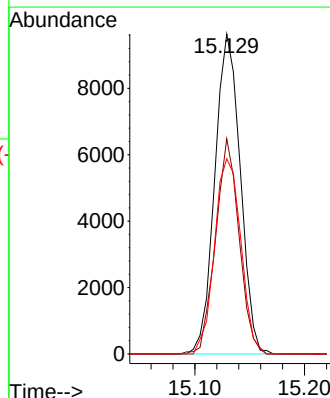
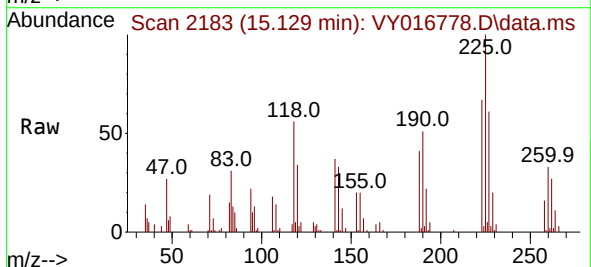
RT: 15.129 min Scan# 2183

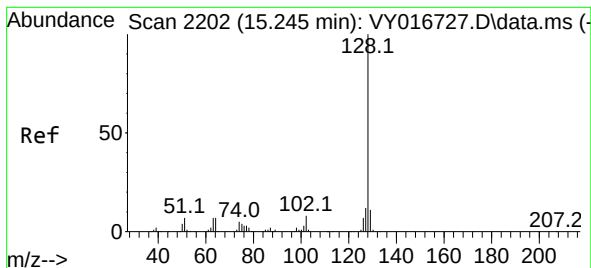
Delta R.T. 0.006 min

Lab File: VY016778.D

Acq: 22 Dec 2023 00:42

Tgt Ion:	225	Resp:	15542
Ion Ratio	Lower	Upper	
225	100		
223	62.1	31.4	94.3
227	63.0	32.3	96.8





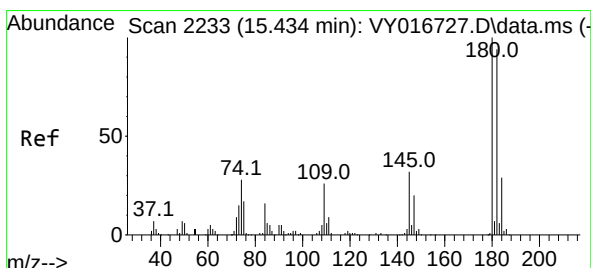
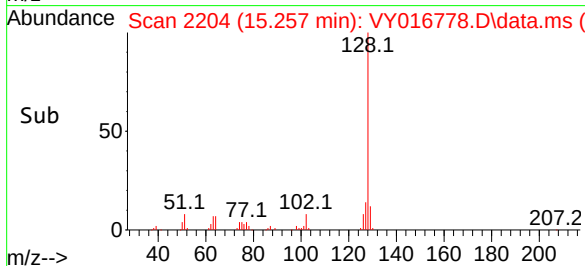
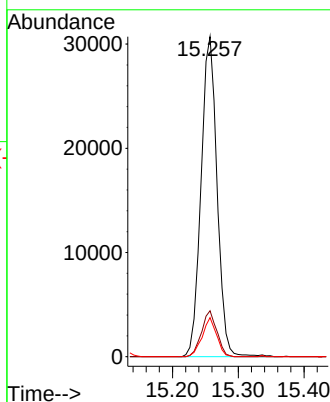
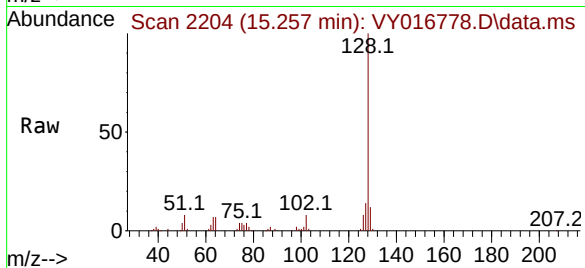
#95
Naphthalene
Concen: 20.308 ug/l
RT: 15.257 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS02

Tgt Ion:128 Resp: 5209
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.4
129 11.0 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: 20.318 ug/l
RT: 15.446 min Scan# 2235
Delta R.T. 0.012 min
Lab File: VY016778.D
Acq: 22 Dec 2023 00:42

Tgt Ion:180 Resp: 23254
Ion Ratio Lower Upper
180 100
182 94.7 46.3 138.8
145 33.4 16.1 48.2

