

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101824\
 Data File : VW030674.D
 Acq On : 18 Oct 2024 19:04
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 19 02:41:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 19 00:23:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	267519	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	248028	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	124524	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	84221	20.029	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.120%		
7) Chloroethane-d5	2.899	69	76175	23.932	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.720%		
11) 1,1-Dichloroethene-d2	4.027	65	37234	21.289	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	85.160%		
21) 2-Butanone-d5	7.075	46	42847	56.620	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	113.240%		
24) Chloroform-d	7.655	84	202948	26.527	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	106.120%		
26) 1,2-Dichloroethane-d4	8.307	65	103737	26.076	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	104.320%		
32) Benzene-d6	8.276	84	364569	25.325	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	101.320%		
36) 1,2-Dichloropropane-d6	9.276	67	112585	26.646	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	106.600%		
41) Toluene-d8	10.325	98	322692	24.555	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	98.240%		
43) trans-1,3-Dichloroprop...	10.575	79	43952	24.842	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	99.360%		
47) 2-Hexanone-d5	10.922	63	32687	60.064	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	120.120%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	87798	28.295	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	113.160%		
66) 1,2-Dichlorobenzene-d4	13.849	152	112881	26.791	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	107.160%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	67916	19.871	ug/L	98
3) Chloromethane	2.223	50	92126	23.191	ug/L	99
5) Vinyl chloride	2.375	62	118448	24.246	ug/L	98
6) Bromomethane	2.796	94	82458	25.644	ug/L	98
8) Chloroethane	2.936	64	76743	25.698	ug/L	96
9) Trichlorofluoromethane	3.271	101	101514	23.223	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	96208	24.463	ug/L #	71
12) 1,1-Dichloroethene	4.045	96	88283	24.597	ug/L	92
13) Acetone	4.125	43	36225	32.697	ug/L	96
14) Carbon disulfide	4.387	76	259299	22.123	ug/L	100
15) Methyl Acetate	4.673	43	35352	25.832	ug/L	99
16) Methylene chloride	4.923	84	101243	25.033	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	98100	25.330	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	153947	28.402	ug/L	100
19) 1,1-Dichloroethane	6.222	63	198029	27.511	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	110833	26.830	ug/L	97
22) 2-Butanone	7.173	43	47588	39.849	ug/L	97
23) Bromochloromethane	7.514	128	46755	25.872	ug/L	96
25) Chloroform	7.679	83	210709	27.392	ug/L	99

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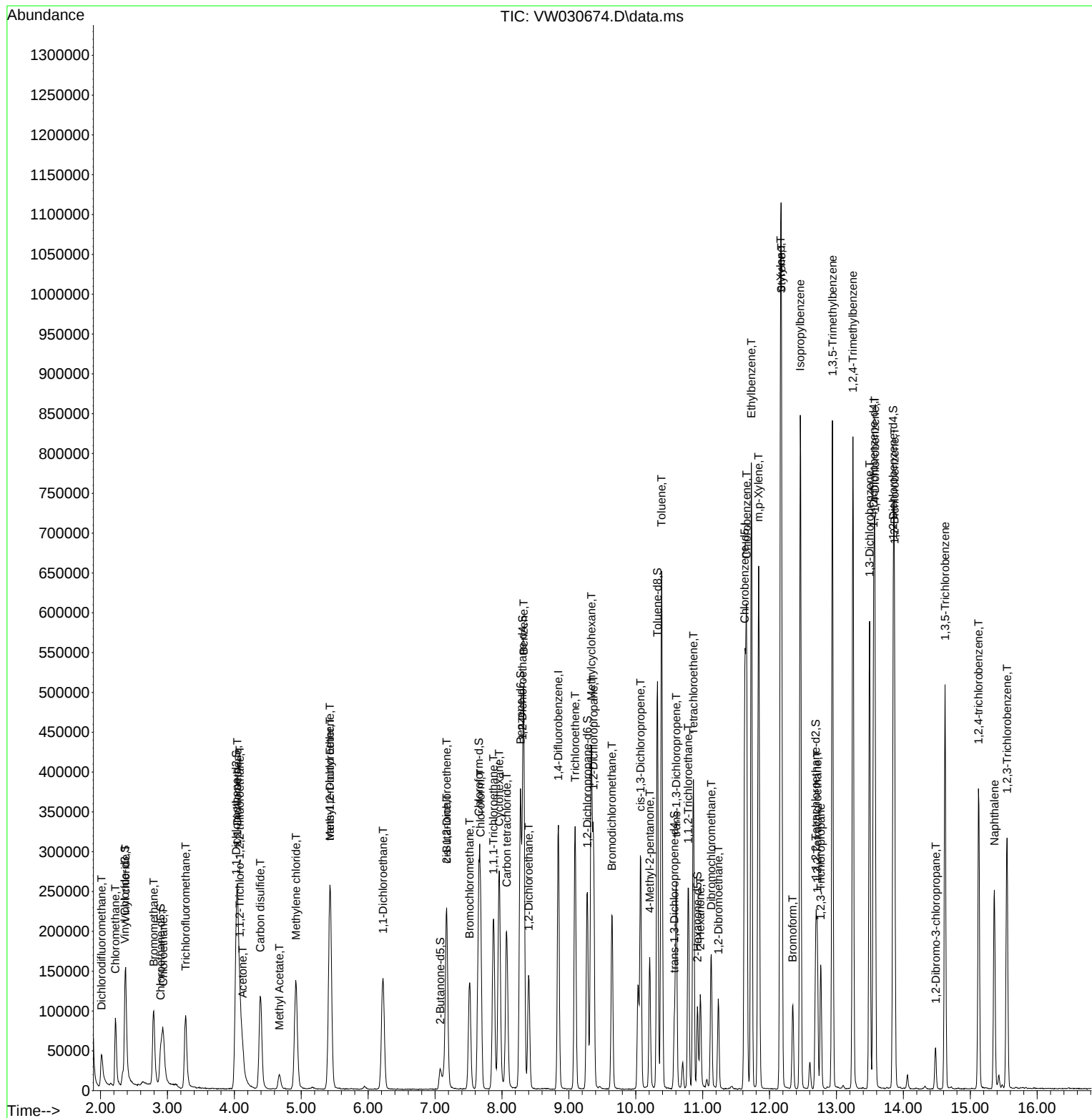
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	130286	25.674	ug/L	100
29) Cyclohexane	7.959	56	149349	24.737	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	173636	26.372	ug/L	98
31) Carbon tetrachloride	8.069	117	143719	24.439	ug/L	98
33) Benzene	8.325	78	434314	26.908	ug/L	100
34) Trichloroethene	9.093	95	113564	25.290	ug/L	97
35) Methylcyclohexane	9.337	83	163925	23.196	ug/L	100
37) 1,2-Dichloropropane	9.368	63	110933	27.519	ug/L	100
38) Bromodichloromethane	9.642	83	145643	27.155	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	161334	26.533	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	104173	53.791	ug/L	98
42) Toluene	10.386	91	462478	26.858	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	136554	26.725	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	77144	26.479	ug/L	97
46) Tetrachloroethene	10.861	164	81702	24.669	ug/L	92
48) 2-Hexanone	10.965	43	73499	46.409	ug/L	98
49) Dibromochloromethane	11.130	129	86317	26.552	ug/L	92
50) 1,2-Dibromoethane	11.233	107	70161	25.808	ug/L	96
51) Chlorobenzene	11.654	112	284836	25.696	ug/L	97
52) Ethylbenzene	11.727	91	528929	26.919	ug/L	99
53) m,p-Xylene	11.837	106	199036	27.039	ug/L	96
54) o-Xylene	12.166	106	189286	27.814	ug/L	94
55) Styrene	12.178	104	320349	27.535	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	87189	26.538	ug/L	95
59) Bromoform	12.343	173	45772	26.162	ug/L	98
60) Isopropylbenzene	12.459	105	519240	26.926	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	60558	24.992	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	416334	27.366	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	420460	28.227	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	219416	26.140	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	216697	25.002	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	198032	26.811	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.483	75	13013	24.085	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.623	180	137225	24.791	ug/L	93
70) 1,2,4-trichlorobenzene	15.123	180	105458	23.666	ug/L	93
71) Naphthalene	15.360	128	205828	26.736	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	96268	24.920	ug/L	99

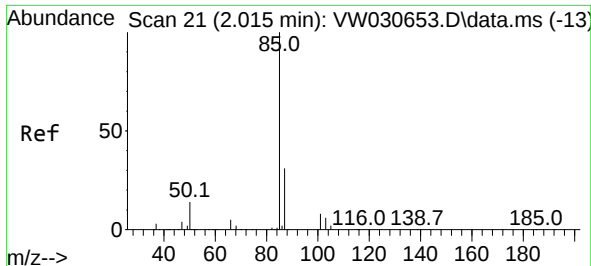
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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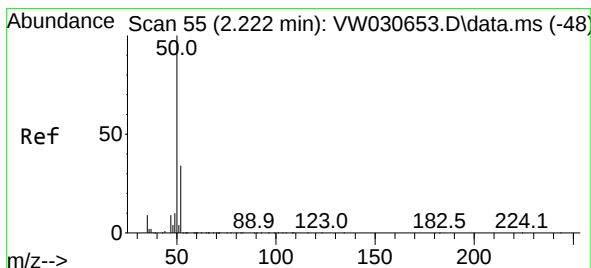
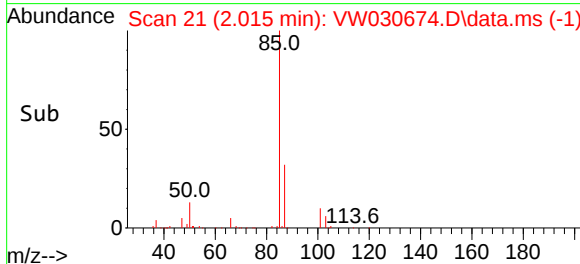
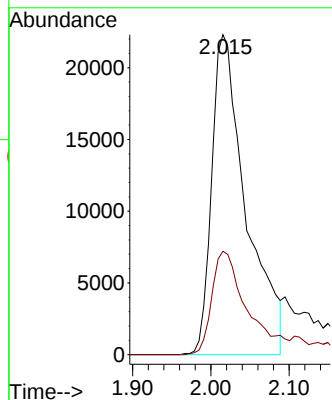
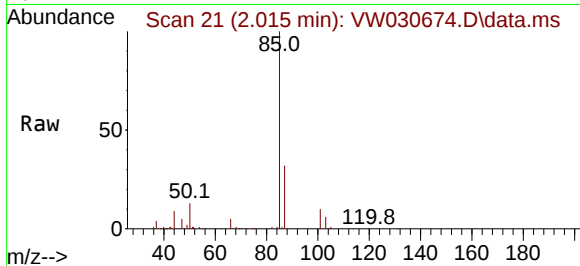




#2
 Dichlorodifluoromethane
 Concen: 19.871 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030674.D
 Acq: 18 Oct 2024 19:04

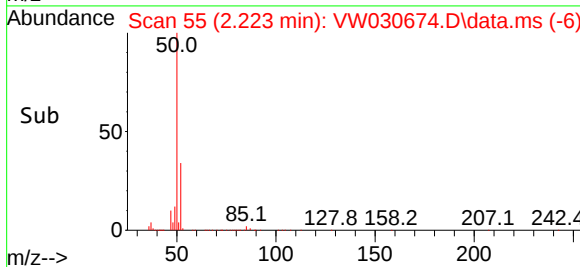
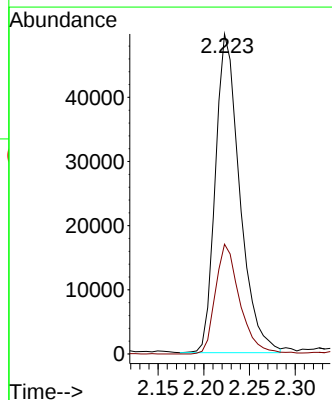
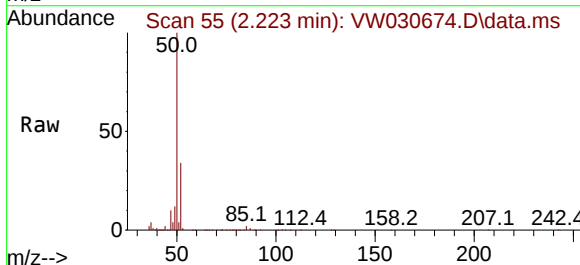
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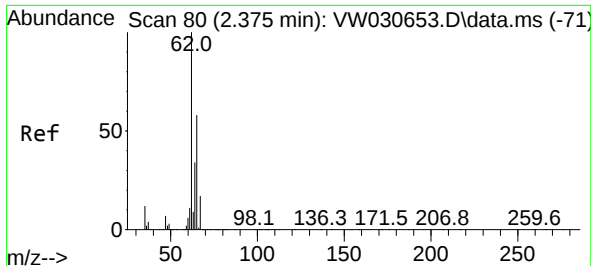
Tgt Ion: 85 Resp: 67916
 Ion Ratio Lower Upper
 85 100
 87 31.0 23.8 35.6



#3
 Chloromethane
 Concen: 23.191 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030674.D
 Acq: 18 Oct 2024 19:04

Tgt Ion: 50 Resp: 92126
 Ion Ratio Lower Upper
 50 100
 52 34.3 23.7 43.9

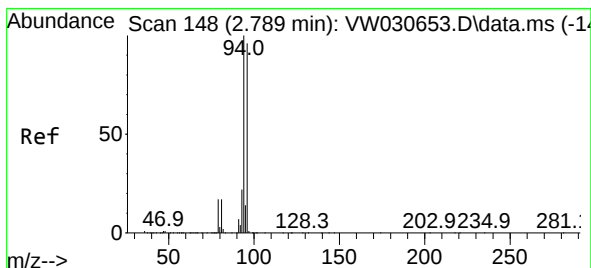
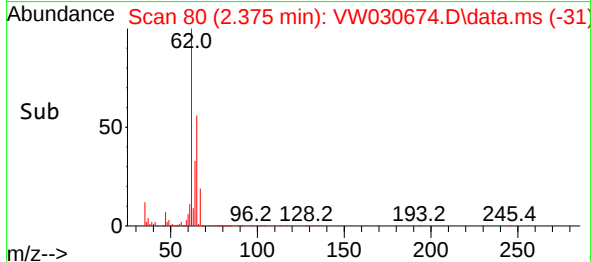
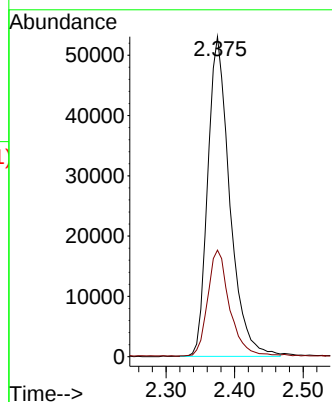
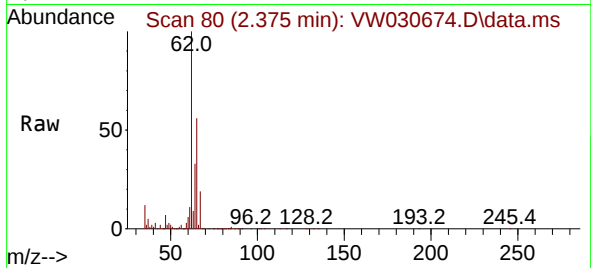




#5
 Vinyl chloride
 Concen: 24.246 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030674.D
 Acq: 18 Oct 2024 19:04

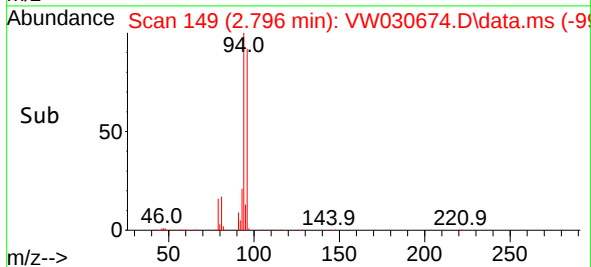
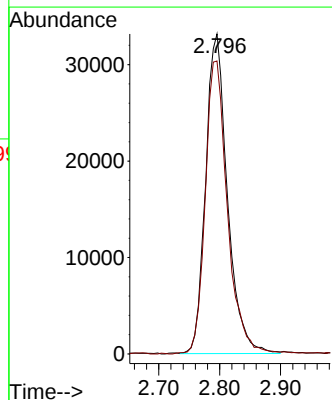
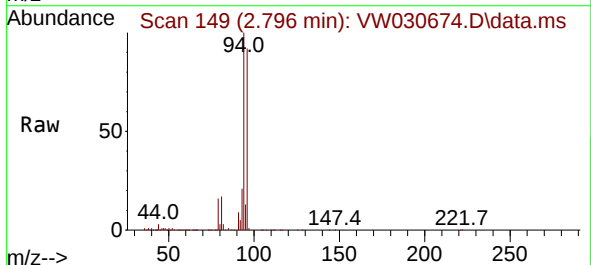
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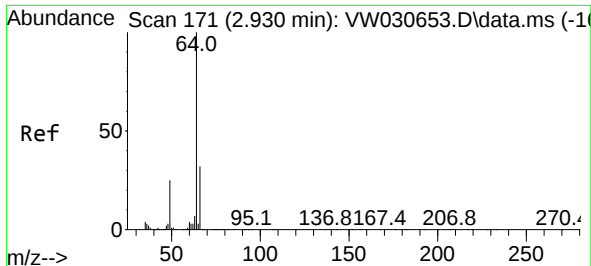
Tgt Ion: 62 Resp: 118448
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.6 42.0



#6
 Bromomethane
 Concen: 25.644 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW030674.D
 Acq: 18 Oct 2024 19:04

Tgt Ion: 94 Resp: 82458
 Ion Ratio Lower Upper
 94 100
 96 91.6 62.6 116.2

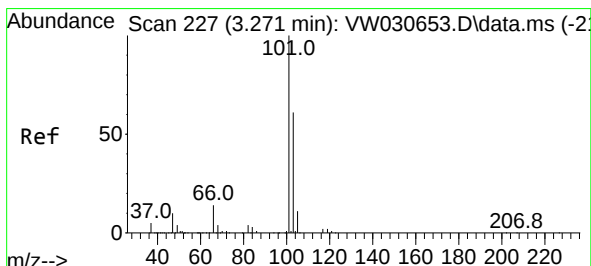
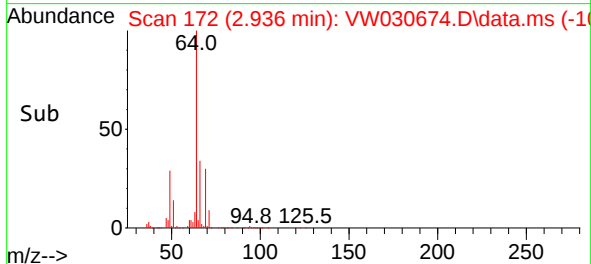
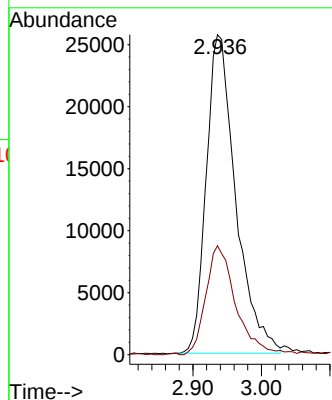
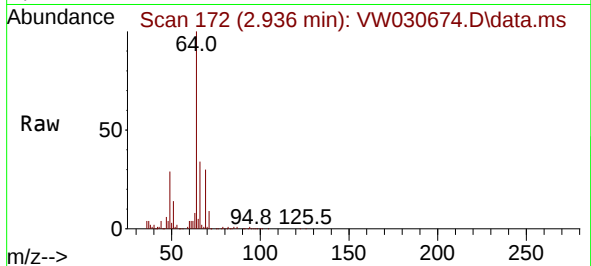




#8
Chloroethane
Concen: 25.698 ug/L
RT: 2.936 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW030674.D
Acq: 18 Oct 2024 19:04

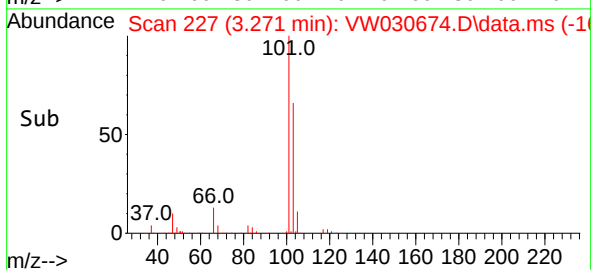
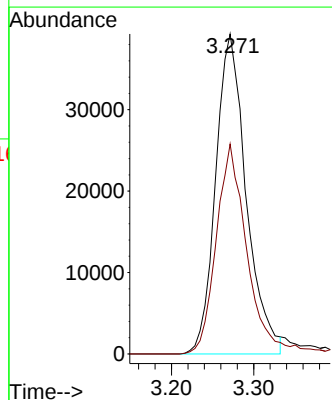
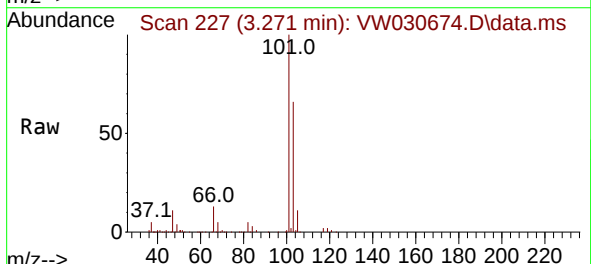
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MSVOA_W
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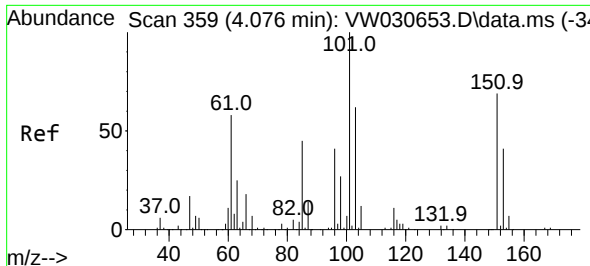
Tgt Ion: 64 Resp: 76743
Ion Ratio Lower Upper
64 100
66 34.1 22.3 41.5



#9
Trichlorofluoromethane
Concen: 23.223 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW030674.D
Acq: 18 Oct 2024 19:04

Tgt Ion:101 Resp: 101514
Ion Ratio Lower Upper
101 100
103 64.9 51.1 76.7

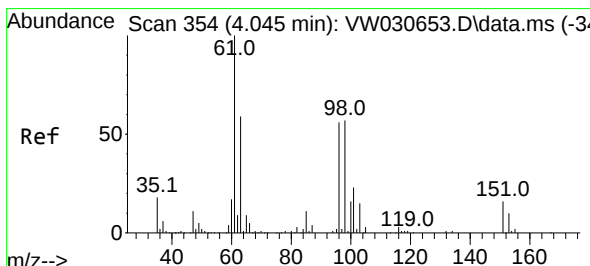
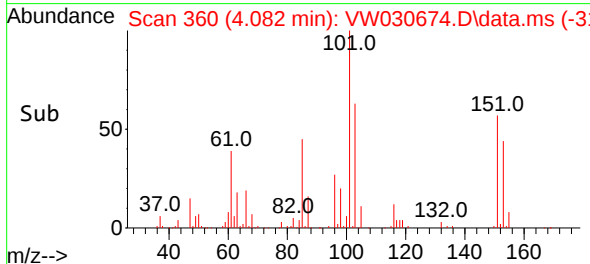
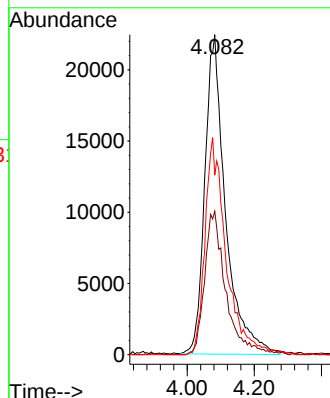
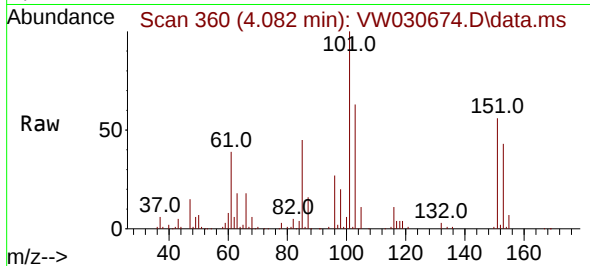




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.463 ug/L
 RT: 4.082 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: VW030674.D
 Acq: 18 Oct 2024 19:04

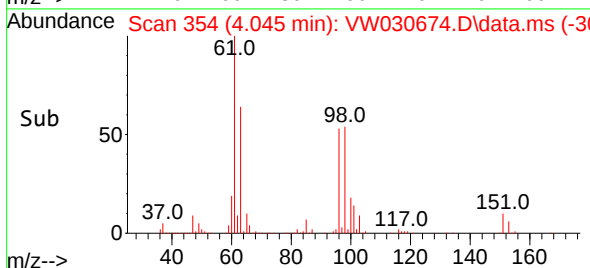
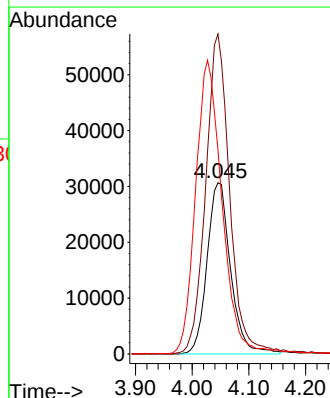
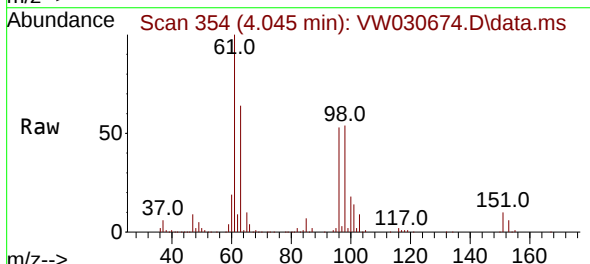
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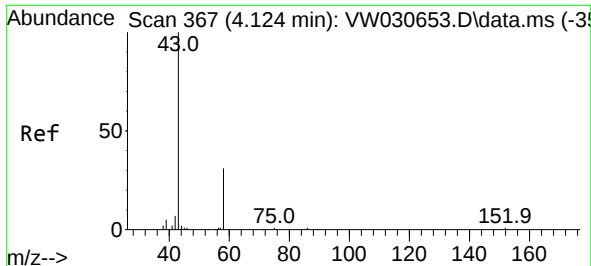
Tgt Ion:101 Resp: 96208
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.7 53.5
 151 31.7 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 24.597 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW030674.D
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Tgt Ion: 96 Resp: 88283
 Ion Ratio Lower Upper
 96 100
 61 186.9 121.3 225.3
 63 119.3 87.6 162.8

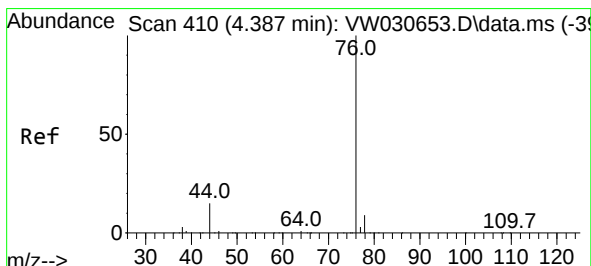
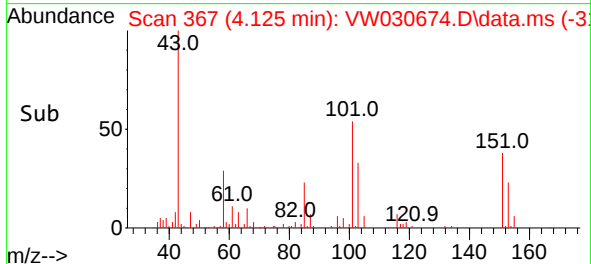
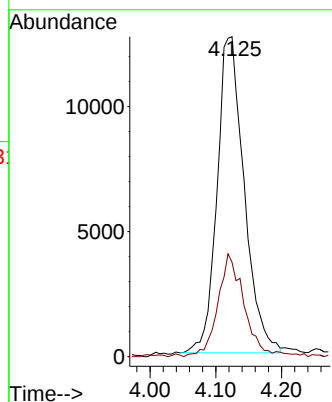
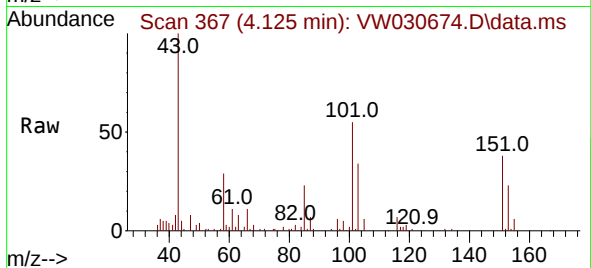




#13
Acetone
Concen: 32.697 ug/L
RT: 4.125 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW030674.D
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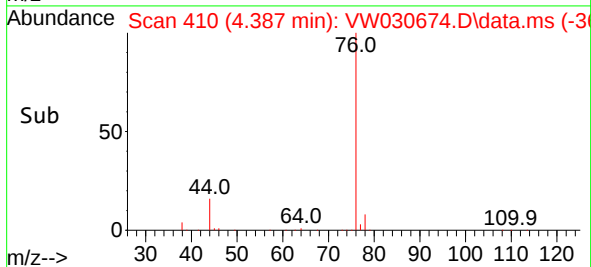
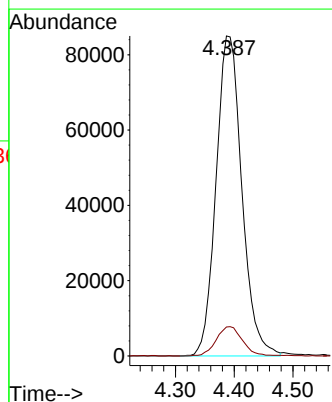
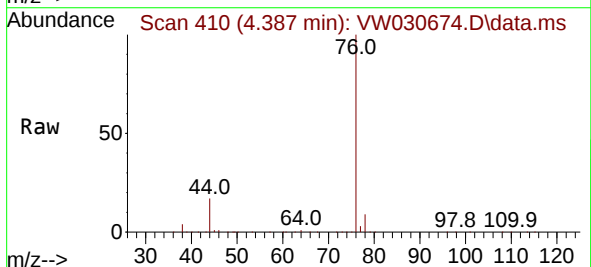
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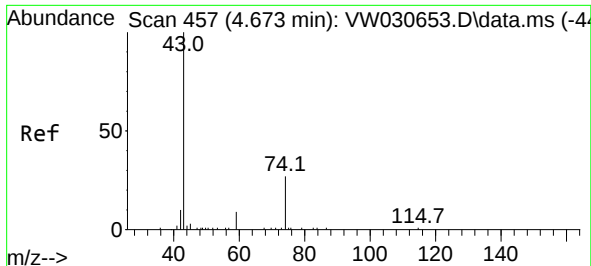
Tgt Ion: 43 Resp: 36225
Ion Ratio Lower Upper
43 100
58 30.9 0.0 57.6



#14
Carbon disulfide
Concen: 22.123 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 259299
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

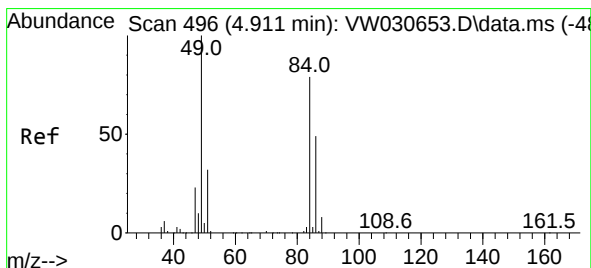
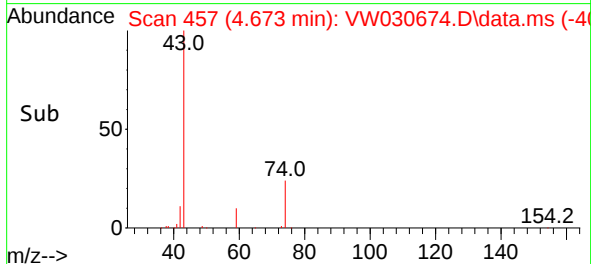
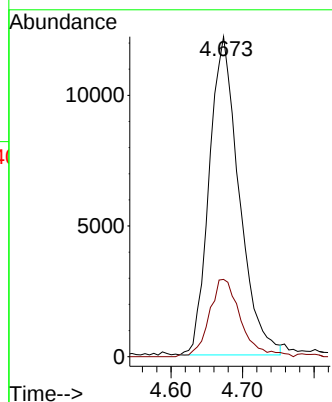
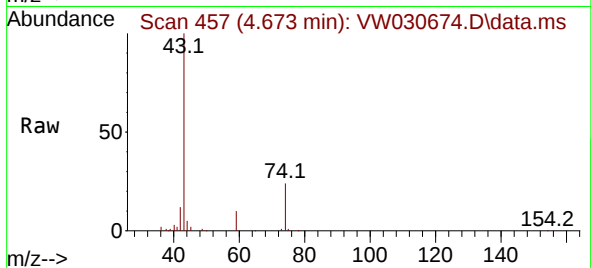




#15
Methyl Acetate
Concen: 25.832 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW030674.D
Acq: 18 Oct 2024 19:04

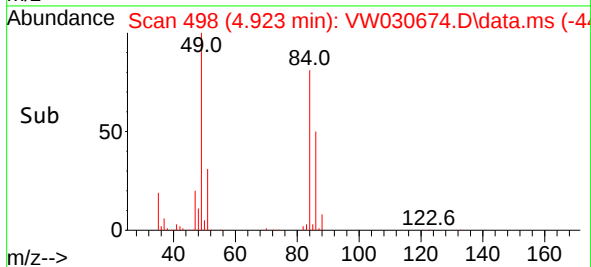
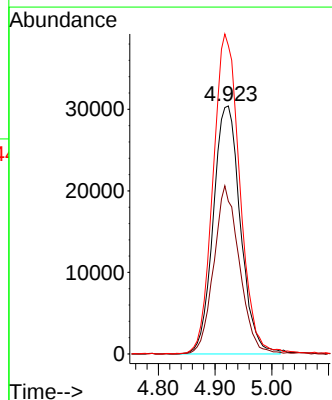
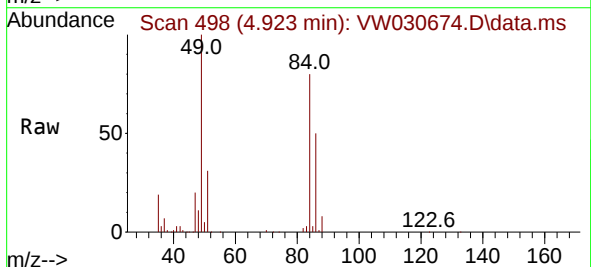
Instrument :
MSVOA_W
ClientSampleId :

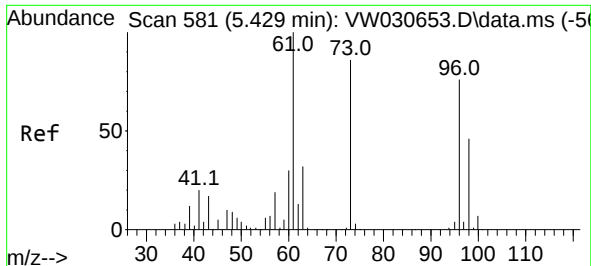
Tgt Ion: 43 Resp: 35352
Ion Ratio Lower Upper
43 100
74 23.8 19.3 28.9



#16
Methylene chloride
Concen: 25.033 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.012 min
Lab File: VW030674.D
Acq: 18 Oct 2024 19:04

Tgt Ion: 84 Resp: 101243
Ion Ratio Lower Upper
84 100
86 61.6 43.8 81.3
49 124.3 88.3 164.1

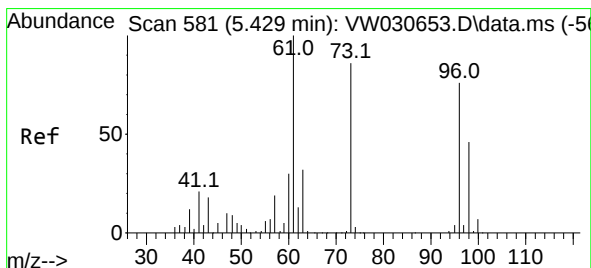
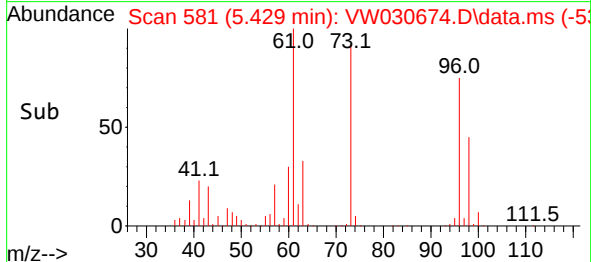
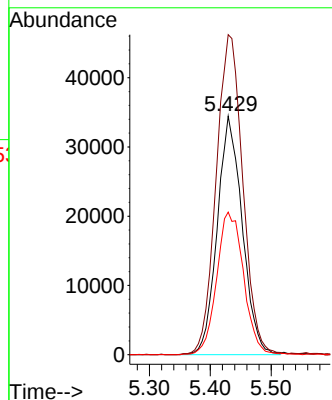
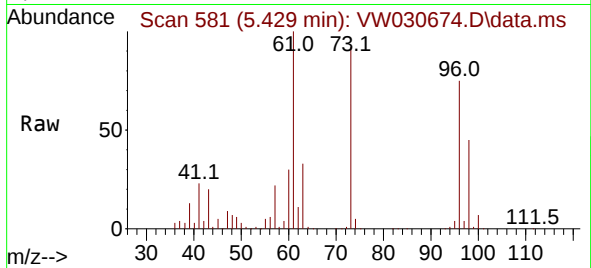




#17
trans-1,2-Dichloroethene
Concen: 25.330 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030674.D
Acq: 18 Oct 2024 19:04

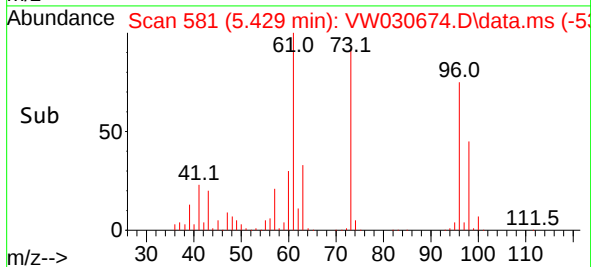
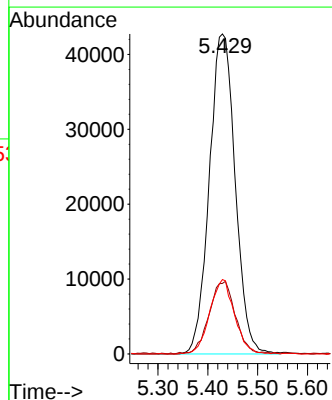
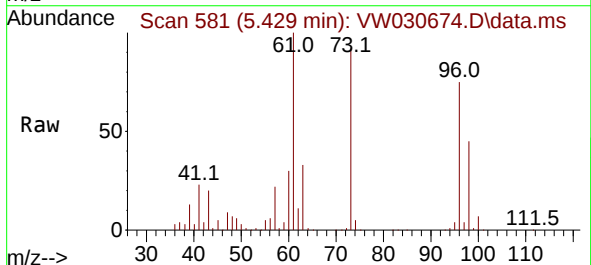
Instrument :
MSVOA_W
ClientSampleId :

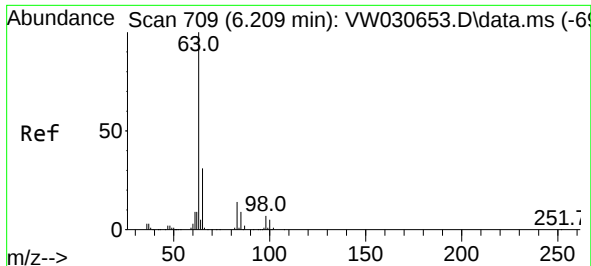
Tgt Ion: 96 Resp: 98100
Ion Ratio Lower Upper
96 100
61 134.1 96.9 179.9
98 59.7 42.2 78.4



#18
Methyl tert-butyl Ether
Concen: 28.402 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030674.D
Acq: 18 Oct 2024 19:04

Tgt Ion: 73 Resp: 153947
Ion Ratio Lower Upper
73 100
43 22.3 18.1 27.1
57 21.9 17.7 26.5





#19

1,1-Dichloroethane

Concen: 27.511 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.012 min

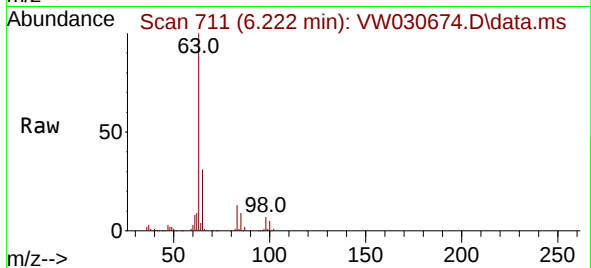
Lab File: VW030674.D

Acq: 18 Oct 2024 19:04

Instrument :

MSVOA_W

ClientSampleId :



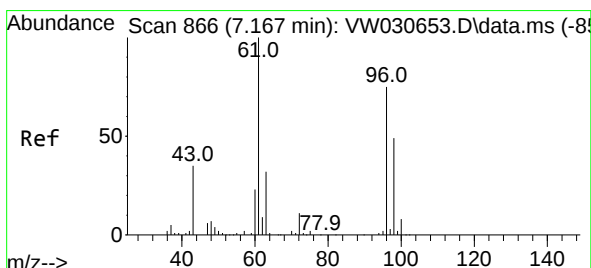
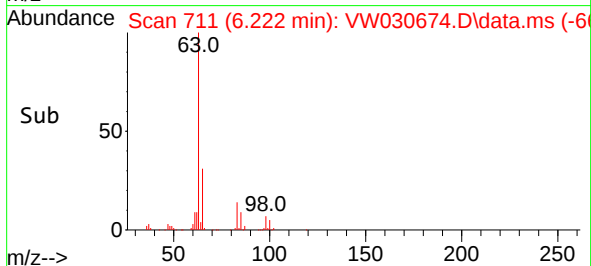
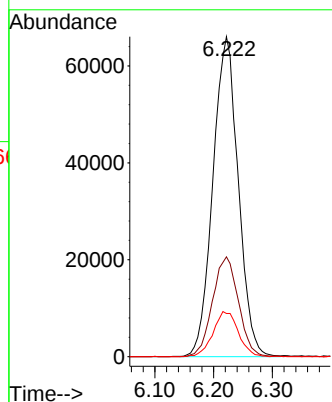
Tgt Ion: 63 Resp: 198029

Ion Ratio Lower Upper

63 100

65 31.2 22.5 41.9

83 13.5 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 26.830 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW030674.D

Acq: 18 Oct 2024 19:04

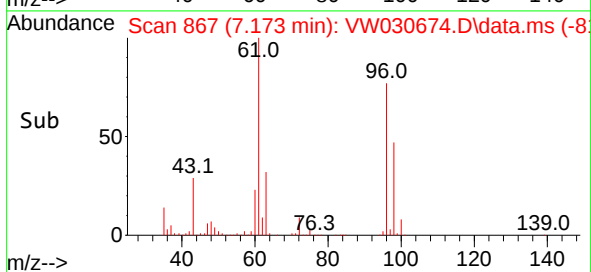
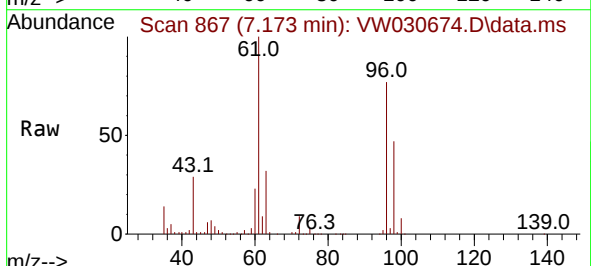
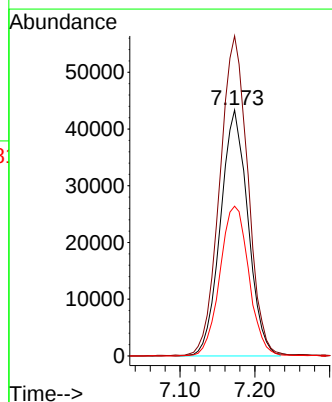
Tgt Ion: 96 Resp: 110833

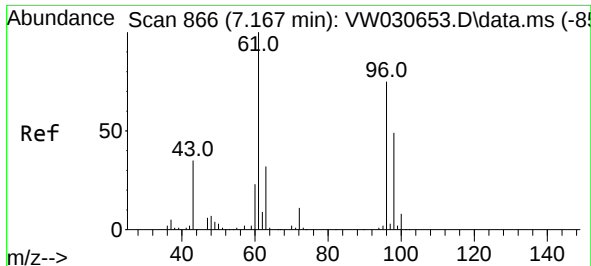
Ion Ratio Lower Upper

96 100

61 130.1 88.3 163.9

98 60.9 41.3 76.7

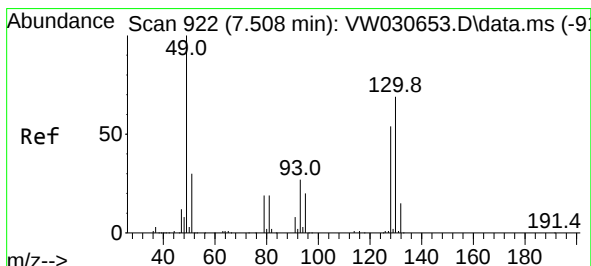
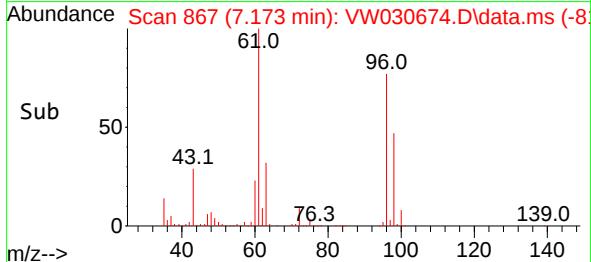
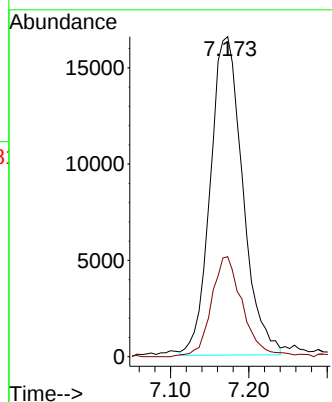
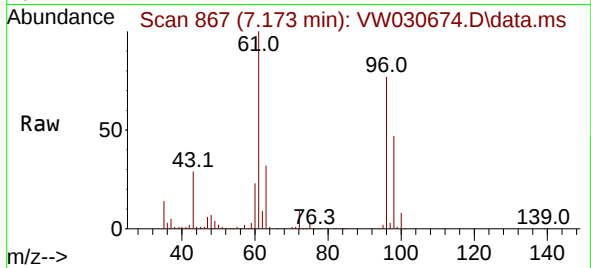




#22
2-Butanone
Concen: 39.849 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW030674.D
Acq: 18 Oct 2024 19:04

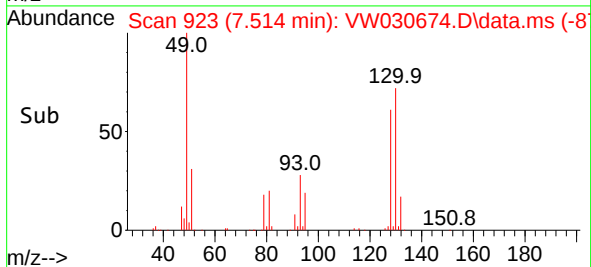
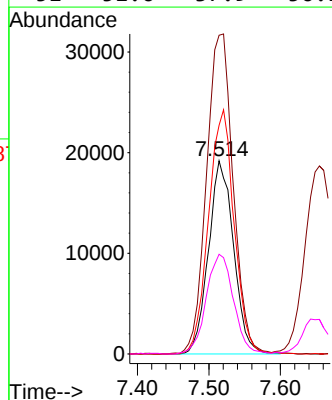
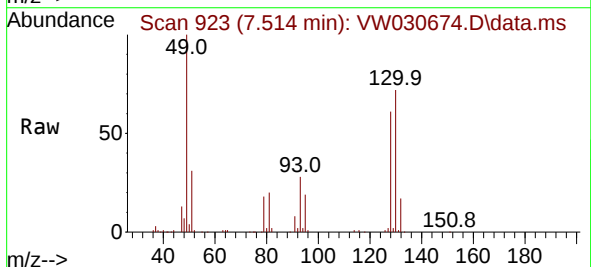
Instrument :
MSVOA_W
ClientSampleId :

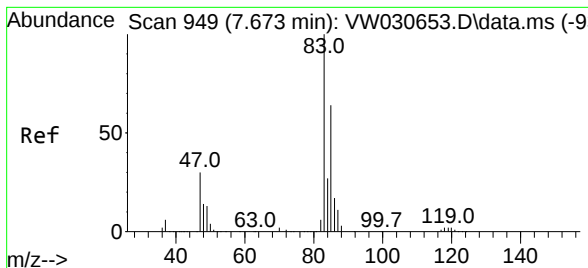
Tgt Ion: 43 Resp: 47588
Ion Ratio Lower Upper
43 100
72 30.3 14.4 43.0



#23
Bromochloromethane
Concen: 25.872 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW030674.D
Acq: 18 Oct 2024 19:04

Tgt Ion: 128 Resp: 46755
Ion Ratio Lower Upper
128 100
49 165.1 110.1 204.5
130 118.4 82.9 153.9
51 51.6 37.9 56.9





#25

Chloroform

Concen: 27.392 ug/L

RT: 7.679 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW030674.D

Acq: 18 Oct 2024 19:04

Instrument :

MSVOA_W

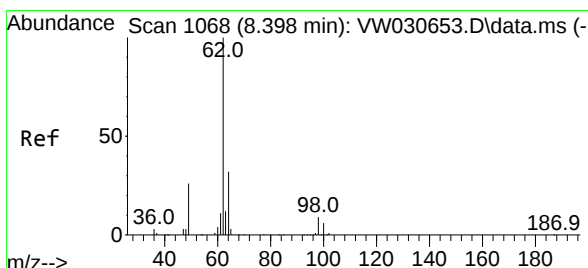
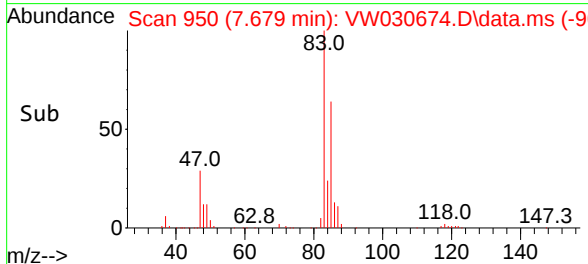
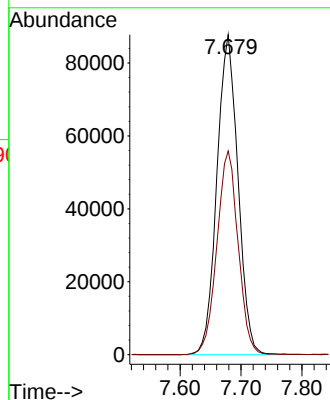
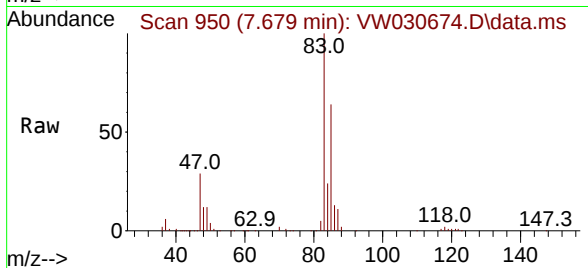
ClientSampleId :

Tgt Ion: 83 Resp: 210709

Ion Ratio Lower Upper

83 100

85 63.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 25.674 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030674.D

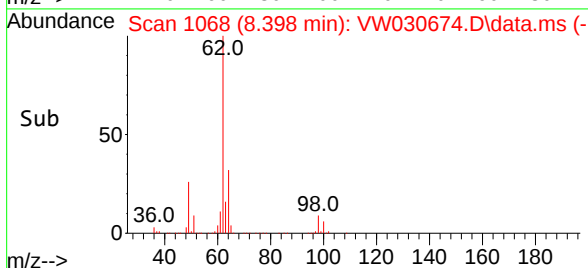
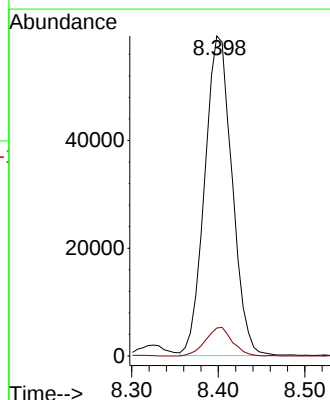
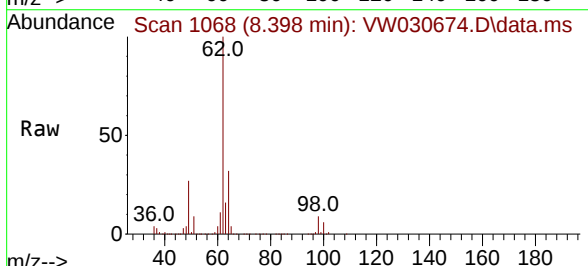
Acq: 18 Oct 2024 19:04

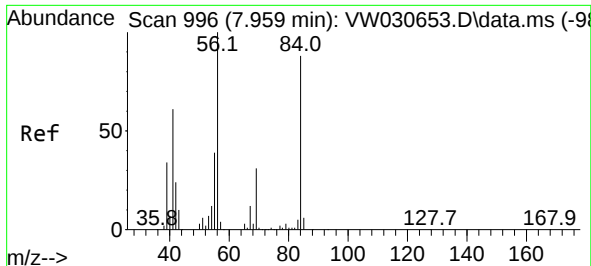
Tgt Ion: 62 Resp: 130286

Ion Ratio Lower Upper

62 100

98 8.8 7.0 10.6





#29

Cyclohexane

Concen: 24.737 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

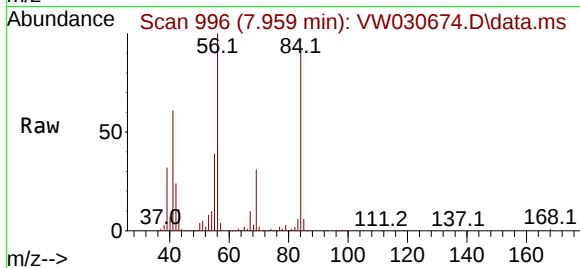
Lab File: VW030674.D

Acq: 18 Oct 2024 19:04

Instrument :

MSVOA_W

ClientSampleId :



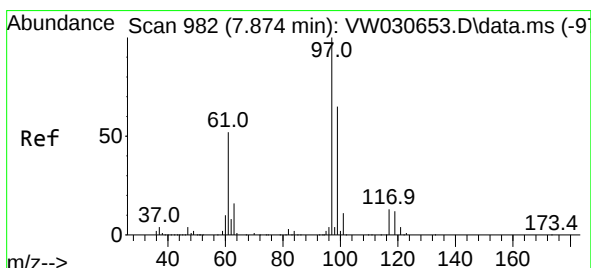
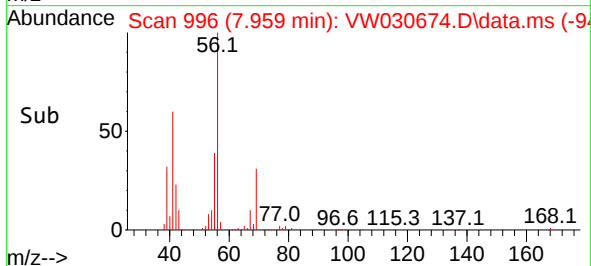
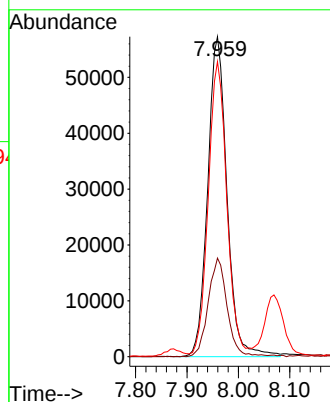
Tgt Ion: 56 Resp: 149349

Ion Ratio Lower Upper

56 100

69 30.1 25.4 38.0

84 88.4 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 26.372 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW030674.D

Acq: 18 Oct 2024 19:04

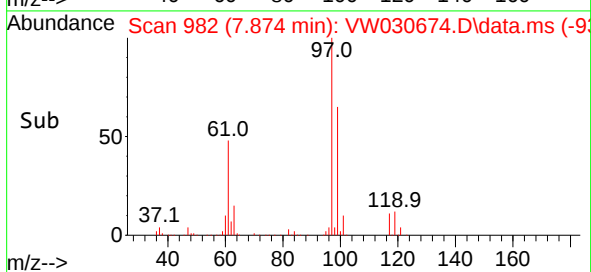
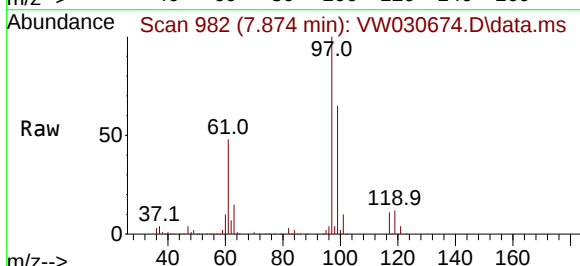
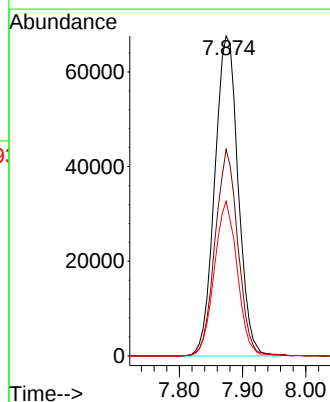
Tgt Ion: 97 Resp: 173636

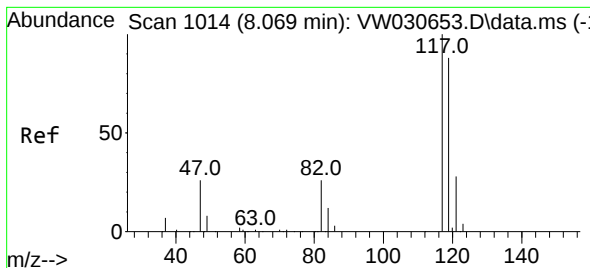
Ion Ratio Lower Upper

97 100

99 62.9 52.3 78.5

61 47.5 38.5 57.7





#31

Carbon tetrachloride

Concen: 24.439 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW030674.D

Acq: 18 Oct 2024 19:04

Instrument :

MSVOA_W

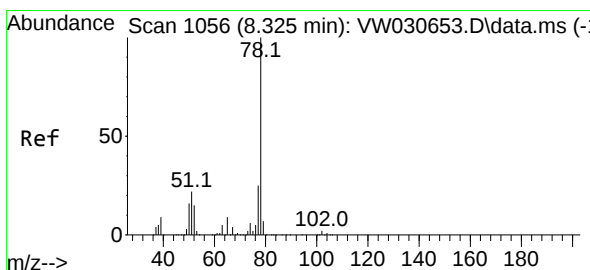
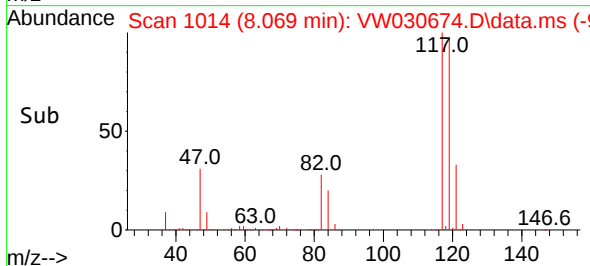
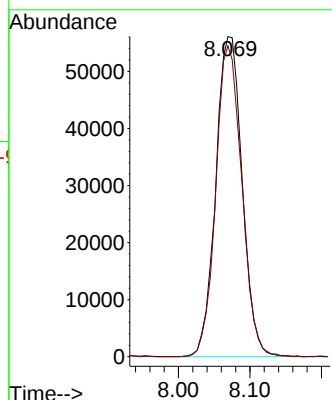
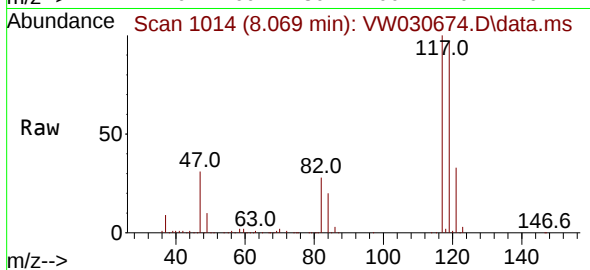
ClientSampleId :

Tgt Ion:117 Resp: 143719

Ion Ratio Lower Upper

117 100

119 95.8 77.8 116.8



#33

Benzene

Concen: 26.908 ug/L

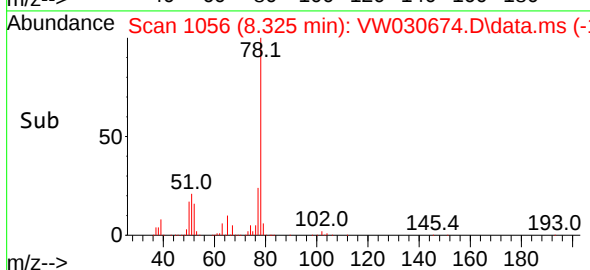
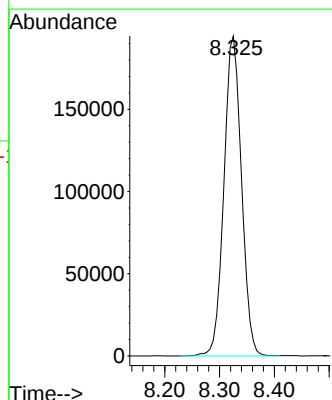
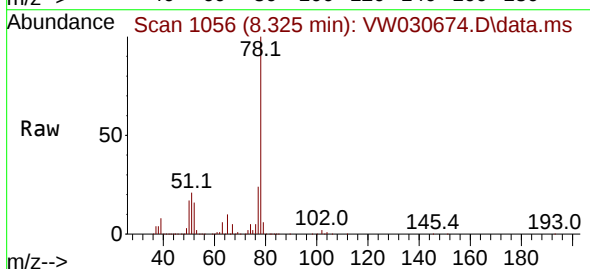
RT: 8.325 min Scan# 1056

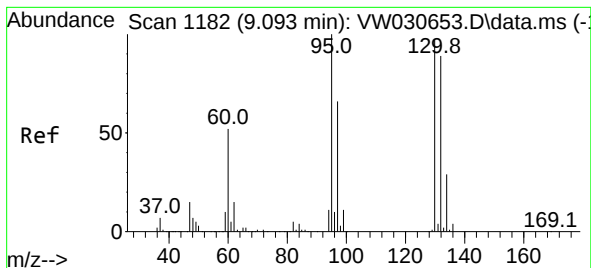
Delta R.T. 0.000 min

Lab File: VW030674.D

Acq: 18 Oct 2024 19:04

Tgt Ion: 78 Resp: 434314





#34

Trichloroethene

Concen: 25.290 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

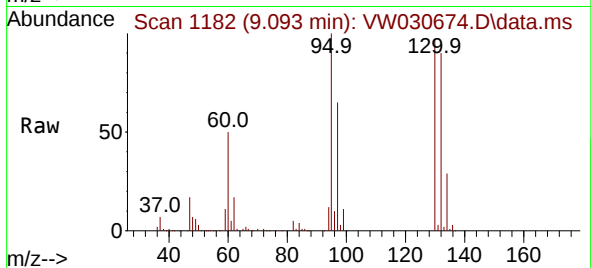
Lab File: VW030674.D

Acq: 18 Oct 2024 19:04

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 113564

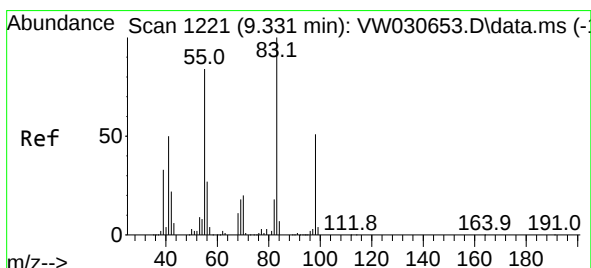
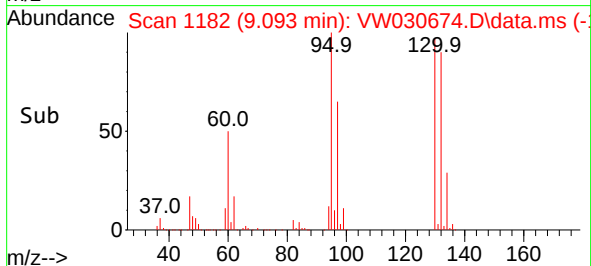
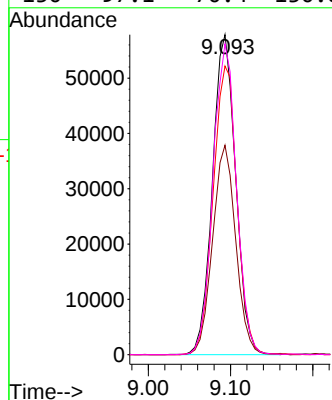
Ion Ratio Lower Upper

95 100

97 65.4 45.9 85.3

132 90.2 66.4 123.2

130 97.1 70.4 130.8



#35

Methylcyclohexane

Concen: 23.196 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030674.D

Acq: 18 Oct 2024 19:04

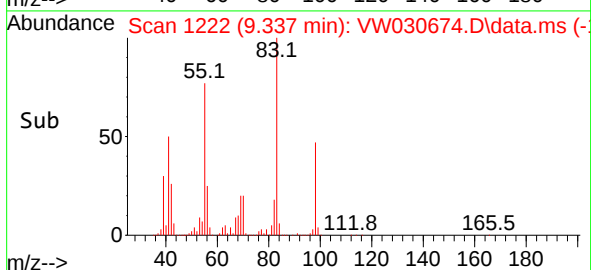
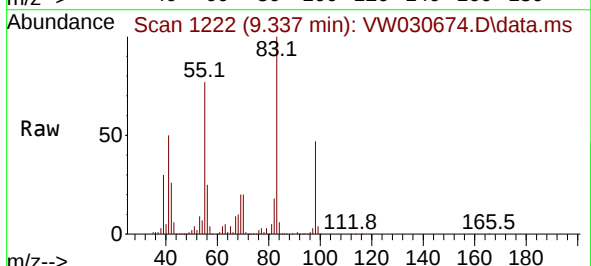
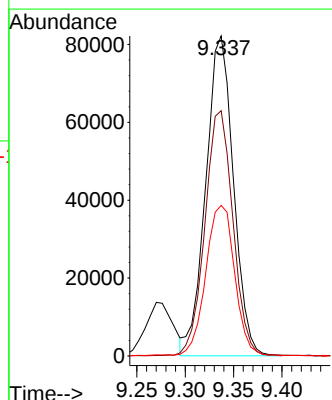
Tgt Ion: 83 Resp: 163925

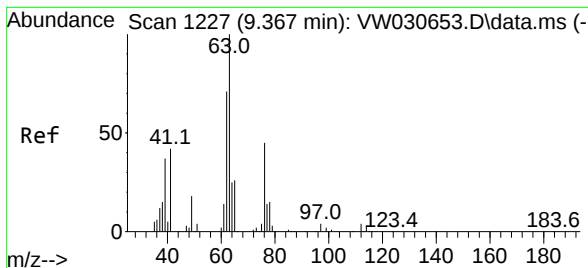
Ion Ratio Lower Upper

83 100

55 77.4 61.8 92.8

98 49.2 39.3 58.9





#37

1,2-Dichloropropane

Concen: 27.519 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030674.D

Acq: 18 Oct 2024 19:04

Instrument :

MSVOA_W

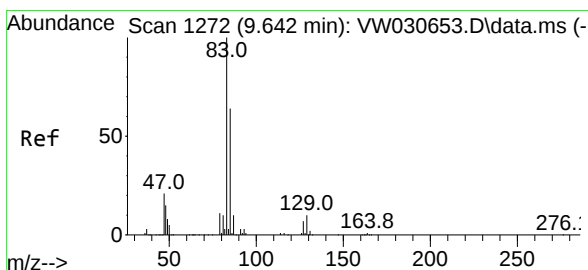
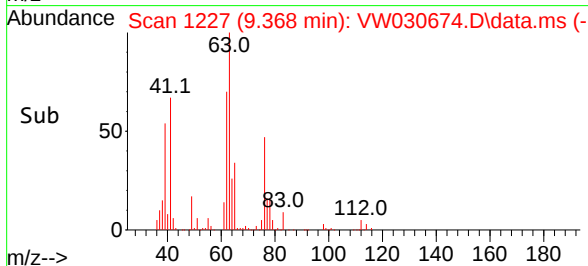
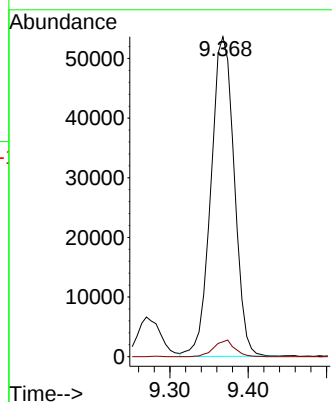
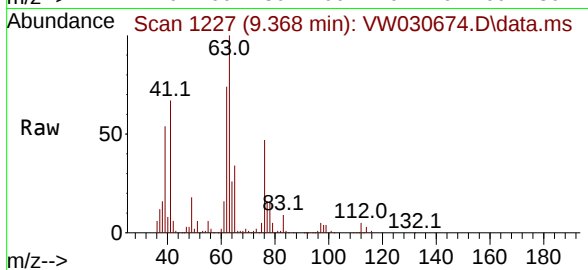
ClientSampleId :

Tgt Ion: 63 Resp: 110933

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 27.155 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030674.D

Acq: 18 Oct 2024 19:04

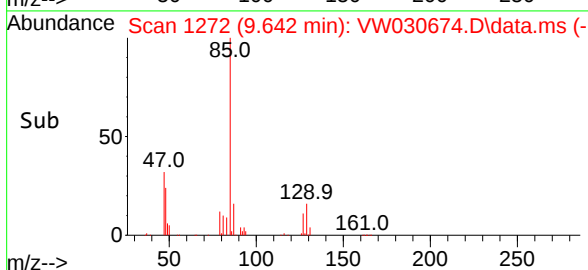
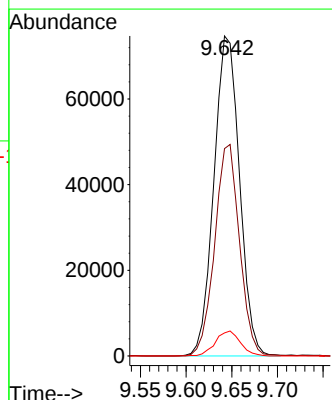
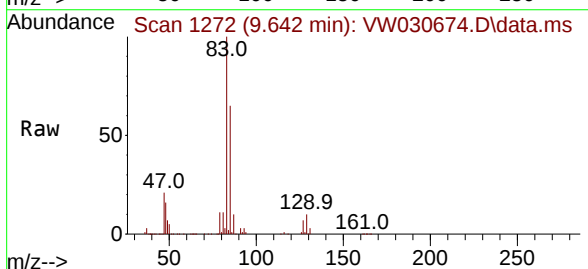
Tgt Ion: 83 Resp: 145643

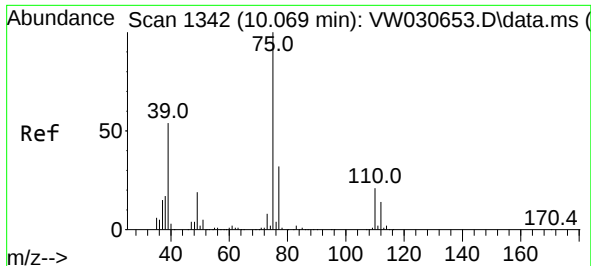
Ion Ratio Lower Upper

83 100

85 64.8 44.2 82.0

127 7.2 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 26.533 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW030674.D

Acq: 18 Oct 2024 19:04

Instrument :

MSVOA_W

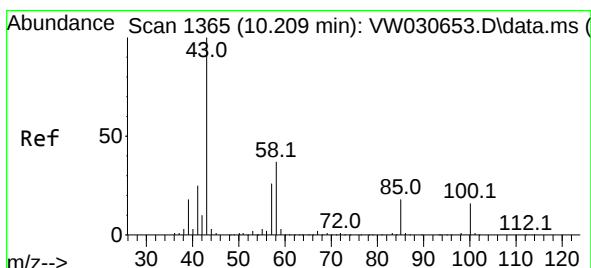
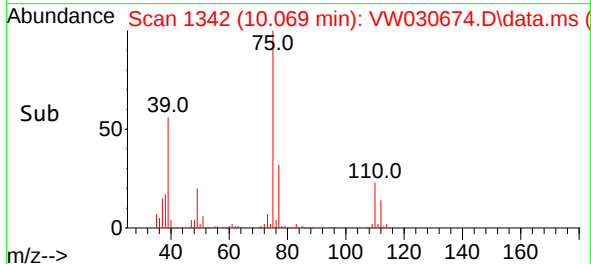
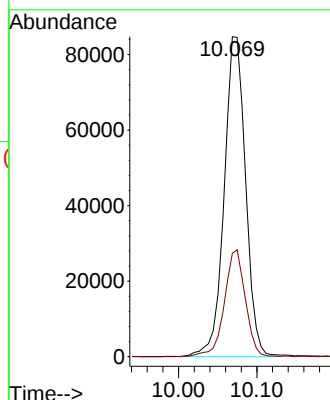
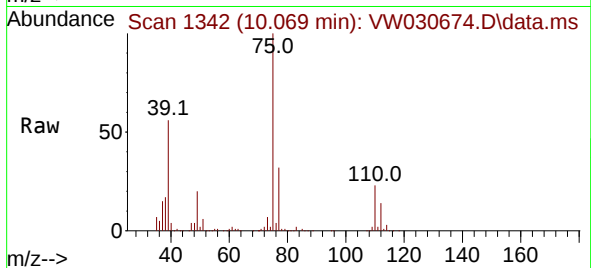
ClientSampleId :

Tgt Ion: 75 Resp: 161334

Ion Ratio Lower Upper

75 100

77 32.3 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 53.791 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030674.D

Acq: 18 Oct 2024 19:04

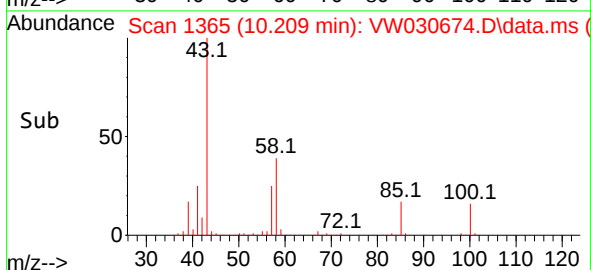
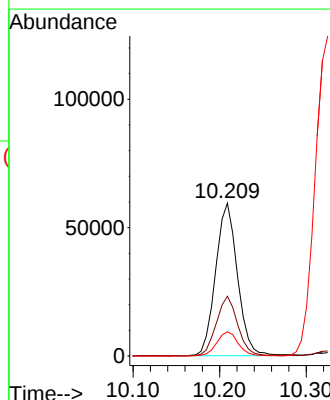
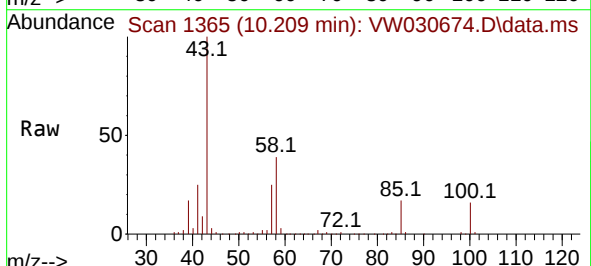
Tgt Ion: 43 Resp: 104173

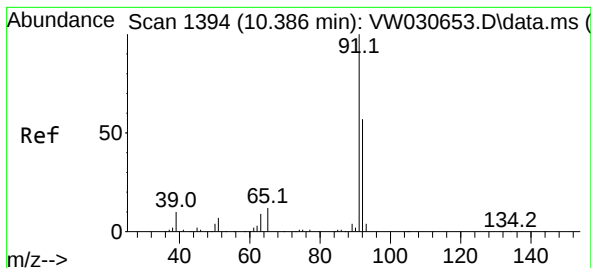
Ion Ratio Lower Upper

43 100

58 38.3 31.4 47.2

100 15.6 13.1 19.7





#42

Toluene

Concen: 26.858 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030674.D

Acq: 18 Oct 2024 19:04

Instrument :

MSVOA_W

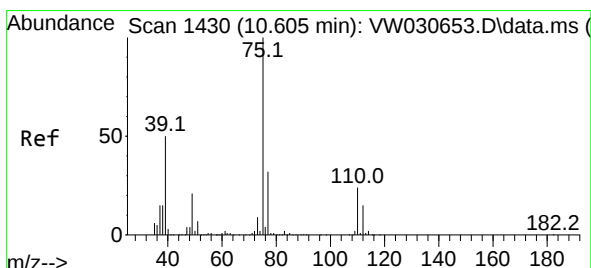
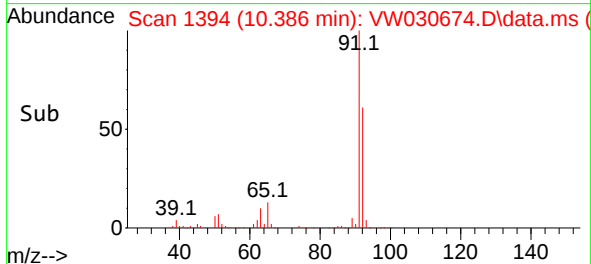
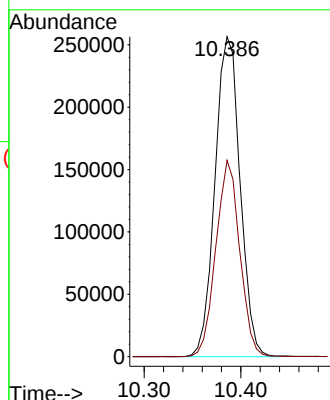
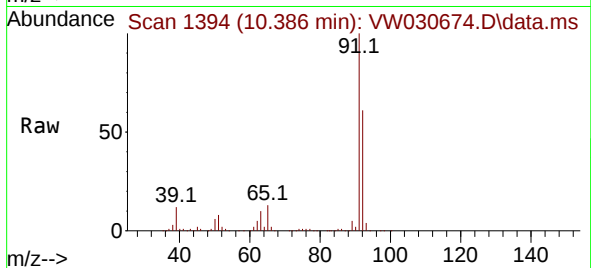
ClientSampleId :

Tgt Ion: 91 Resp: 462478

Ion Ratio Lower Upper

91 100

92 61.4 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 26.725 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030674.D

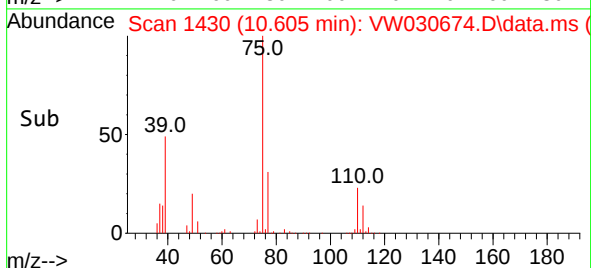
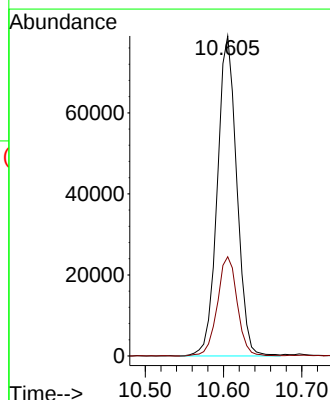
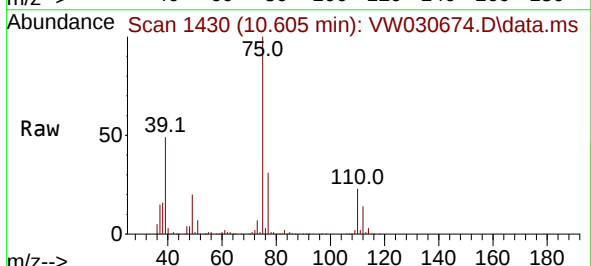
Acq: 18 Oct 2024 19:04

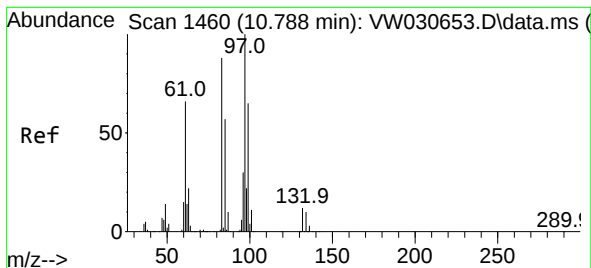
Tgt Ion: 75 Resp: 136554

Ion Ratio Lower Upper

75 100

77 31.0 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 26.479 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

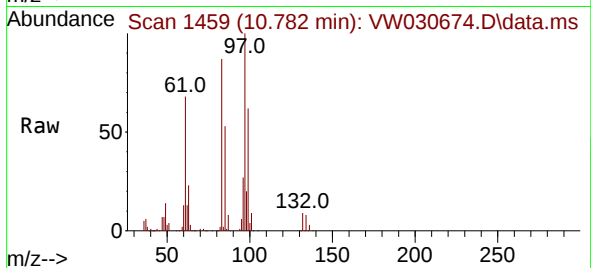
Lab File: VW030674.D

Acq: 18 Oct 2024 19:04

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 77144

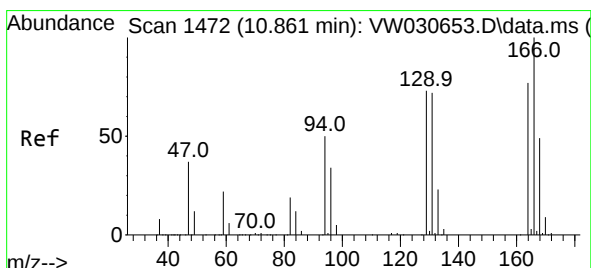
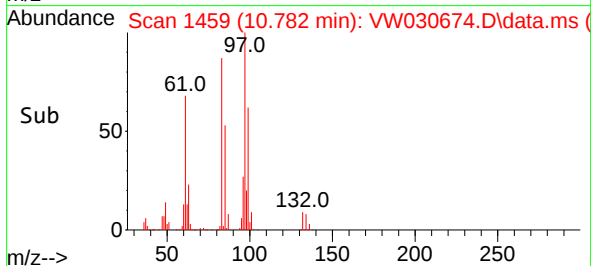
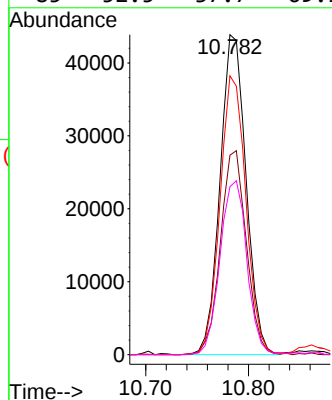
Ion Ratio Lower Upper

97 100

99 62.3 41.2 76.6

83 87.2 59.6 110.6

85 52.5 37.7 69.9



#46

Tetrachloroethene

Concen: 24.669 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030674.D

Acq: 18 Oct 2024 19:04

Tgt Ion:164 Resp: 81702

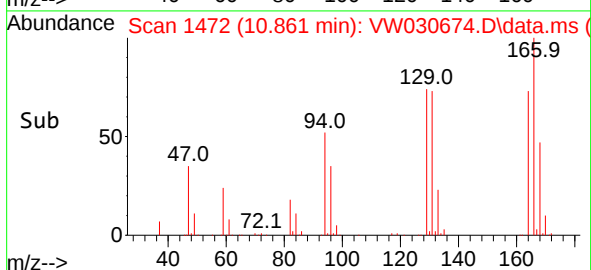
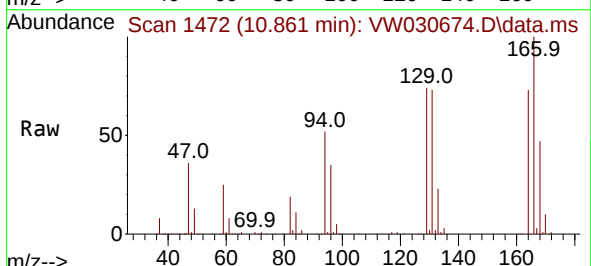
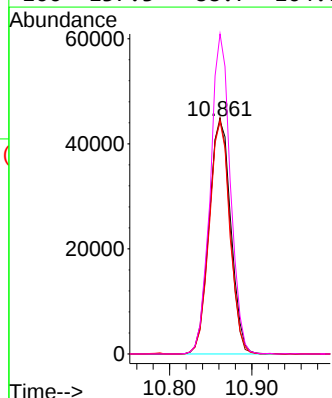
Ion Ratio Lower Upper

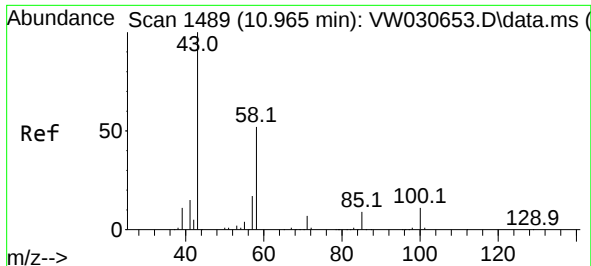
164 100

129 101.4 66.6 123.6

131 99.8 63.7 118.3

166 137.3 88.7 164.7

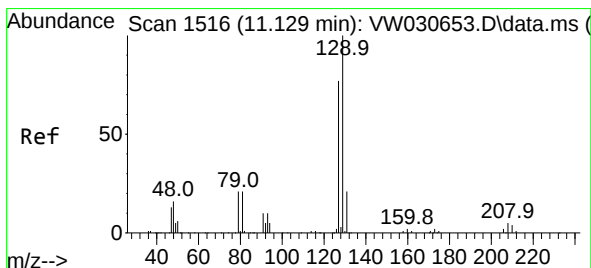
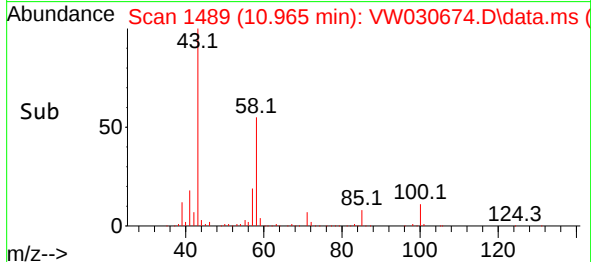
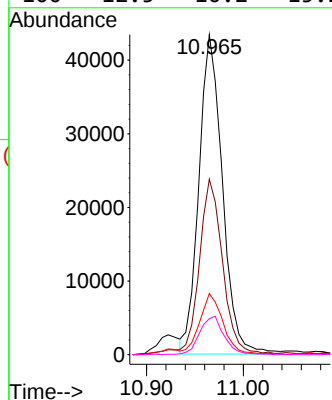
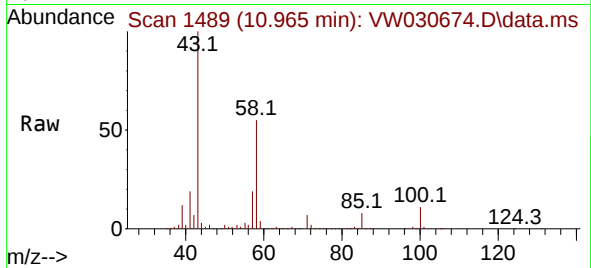




#48
2-Hexanone
Concen: 46.409 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030674.D
Acq: 18 Oct 2024 19:04

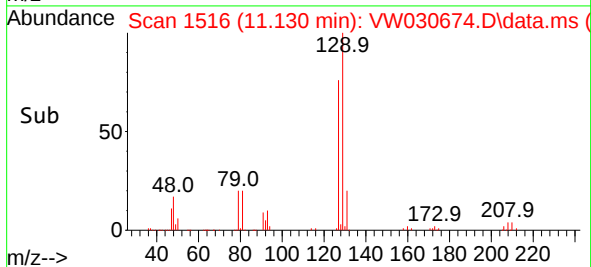
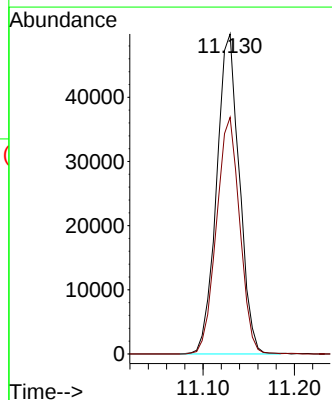
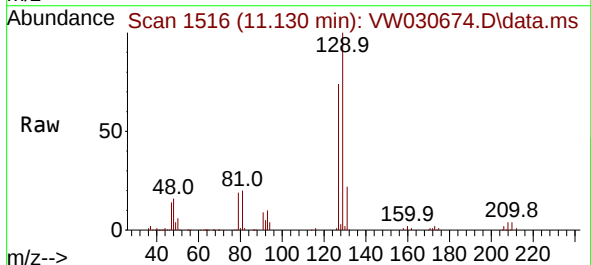
Instrument :
MSVOA_W
ClientSampleId :

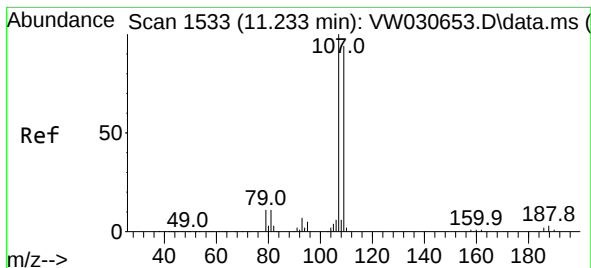
Tgt Ion: 43	Resp: 73499
Ion Ratio	Lower Upper
43	100
58	54.2 44.6 67.0
57	18.9 15.8 23.8
100	12.5 10.2 15.2



#49
Dibromochloromethane
Concen: 26.552 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW030674.D
Acq: 18 Oct 2024 19:04

Tgt Ion: 129	Resp: 86317
Ion Ratio	Lower Upper
129	100
127	73.9 56.5 104.9





#50

1,2-Dibromoethane

Concen: 25.808 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030674.D

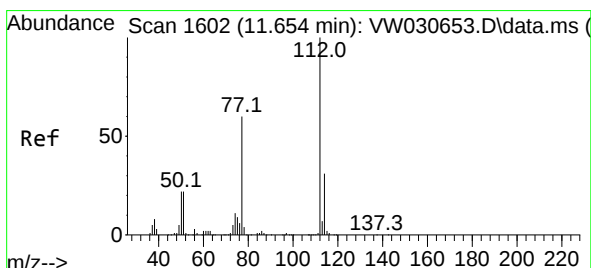
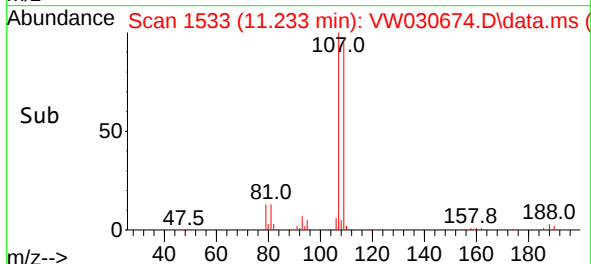
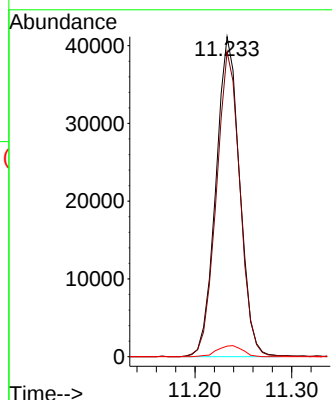
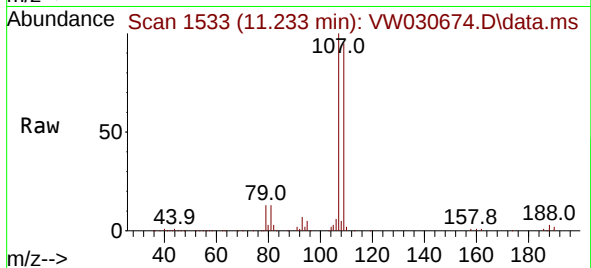
Acq: 18 Oct 2024 19:04

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	70161
Ion Ratio	Lower	Upper
107	100	
109	95.3	63.8 118.6
188	3.3	2.6 3.8



#51

Chlorobenzene

Concen: 25.696 ug/L

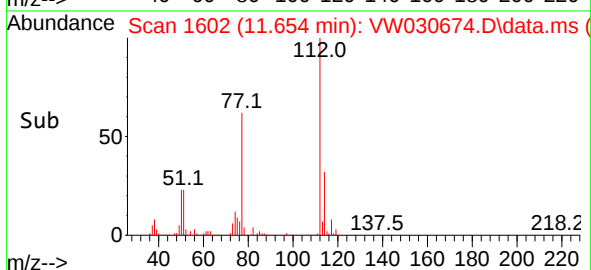
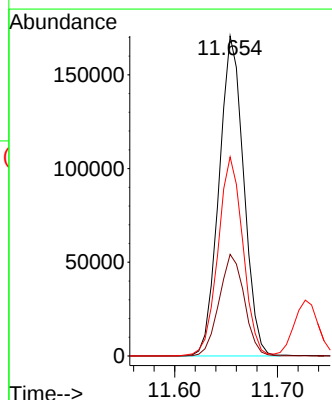
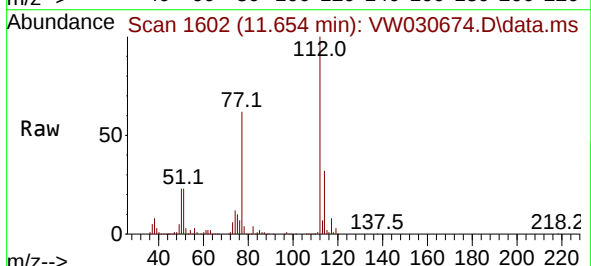
RT: 11.654 min Scan# 1602

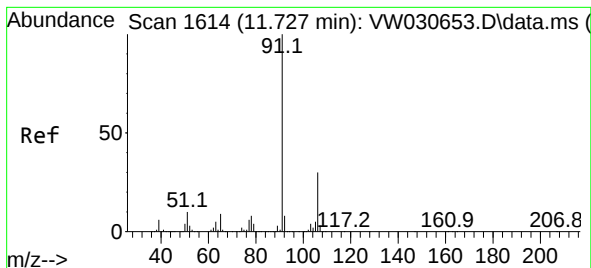
Delta R.T. 0.000 min

Lab File: VW030674.D

Acq: 18 Oct 2024 19:04

Tgt Ion:112	Resp:	284836
Ion Ratio	Lower	Upper
112	100	
114	31.7	22.4 41.6
77	62.2	47.1 70.7

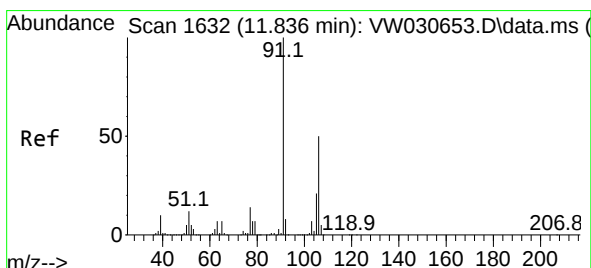
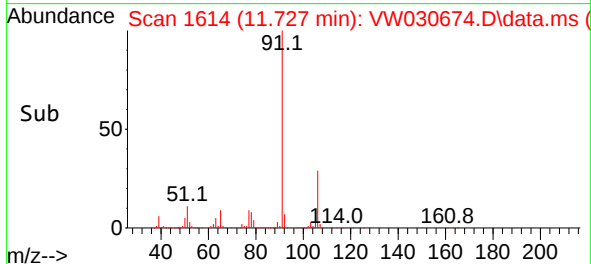
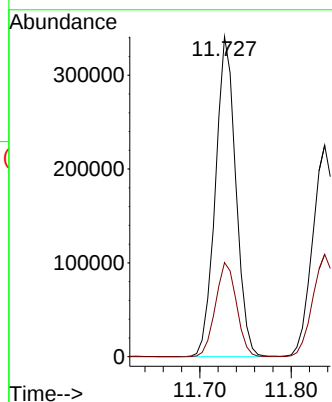
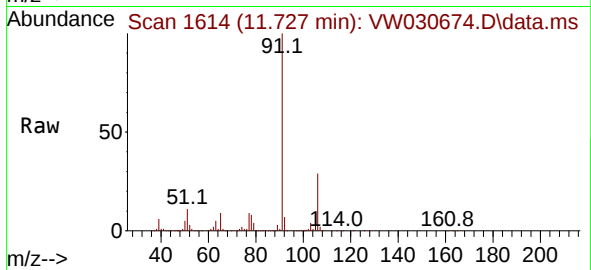




#52
Ethylbenzene
Concen: 26.919 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030674.D
Acq: 18 Oct 2024 19:04

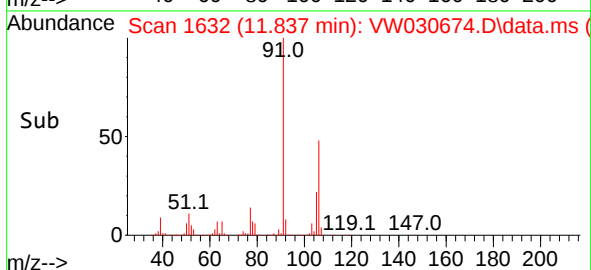
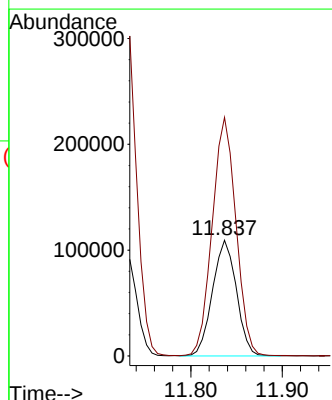
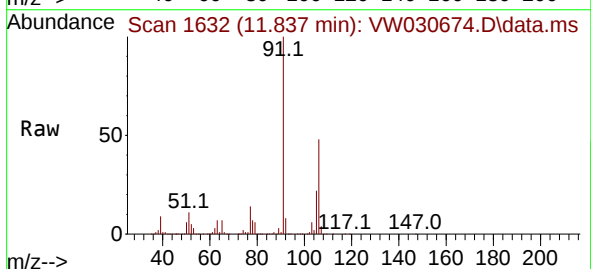
Instrument :
MSVOA_W
ClientSampleId :

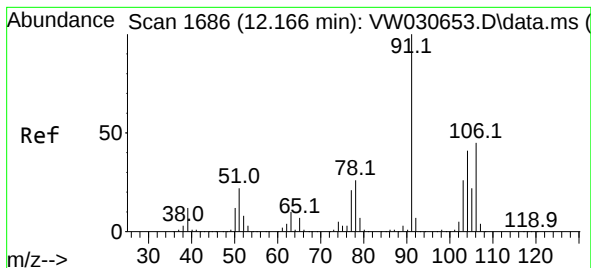
Tgt Ion: 91 Resp: 528929
Ion Ratio Lower Upper
91 100
106 29.4 21.1 39.1



#53
m,p-Xylene
Concen: 27.039 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030674.D
Acq: 18 Oct 2024 19:04

Tgt Ion:106 Resp: 199036
Ion Ratio Lower Upper
106 100
91 206.3 140.6 261.2





#54

o-Xylene

Concen: 27.814 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030674.D

Acq: 18 Oct 2024 19:04

Instrument :

MSVOA_W

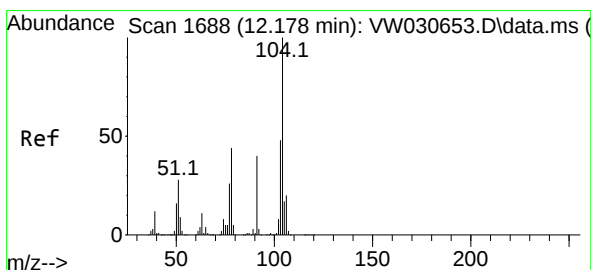
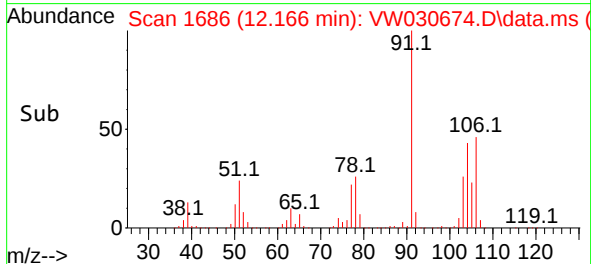
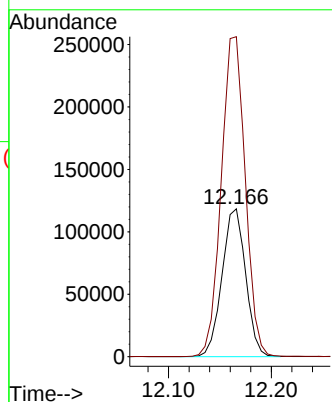
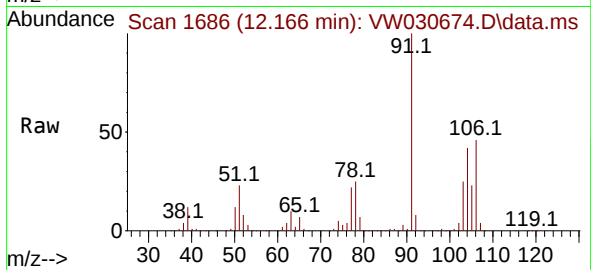
ClientSampleId :

Tgt Ion:106 Resp: 189286

Ion Ratio Lower Upper

106 100

91 216.5 144.5 268.4



#55

Styrene

Concen: 27.535 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030674.D

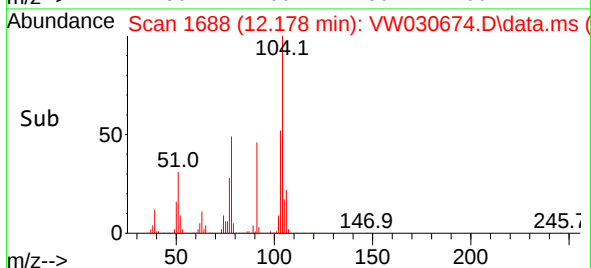
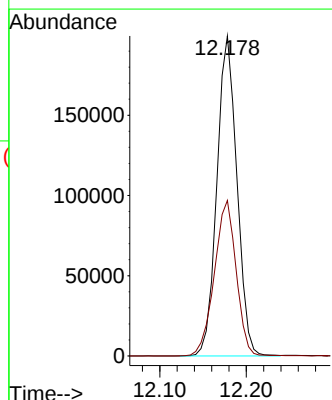
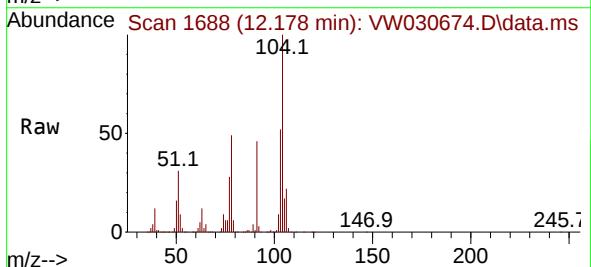
Acq: 18 Oct 2024 19:04

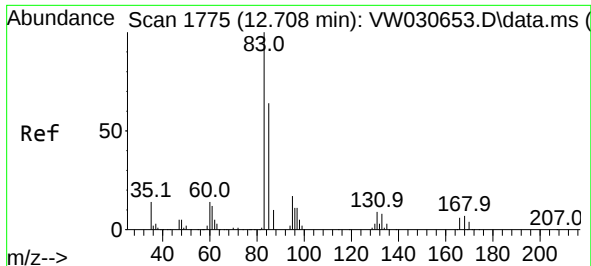
Tgt Ion:104 Resp: 320349

Ion Ratio Lower Upper

104 100

78 48.6 34.3 63.7





#57

1,1,2-Tetrachloroethane

Concen: 26.538 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030674.D

Acq: 18 Oct 2024 19:04

Instrument :

MSVOA_W

ClientSampleId :

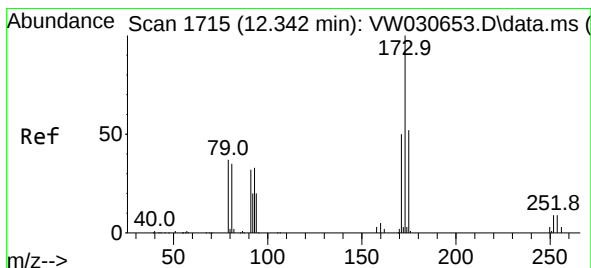
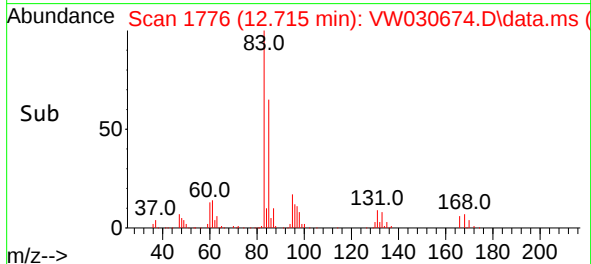
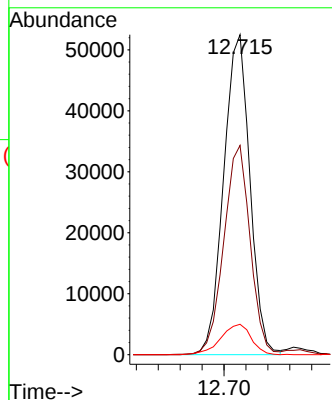
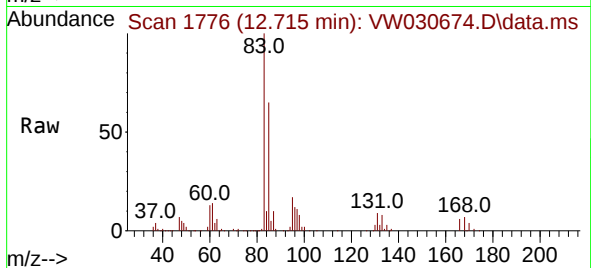
Tgt Ion: 83 Resp: 87189

Ion Ratio Lower Upper

83 100

85 65.4 42.6 79.2

131 9.5 7.4 11.0



#59

Bromoform

Concen: 26.162 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. 0.000 min

Lab File: VW030674.D

Acq: 18 Oct 2024 19:04

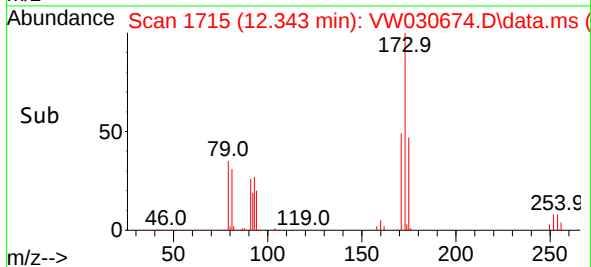
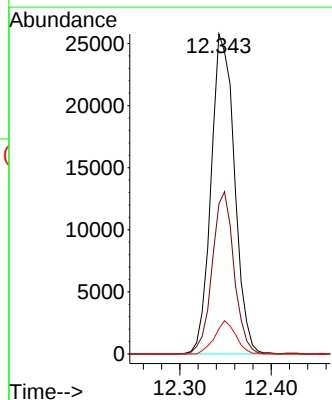
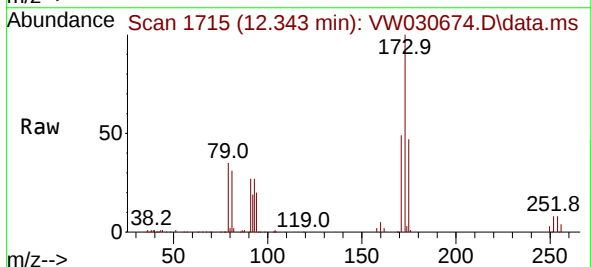
Tgt Ion:173 Resp: 45772

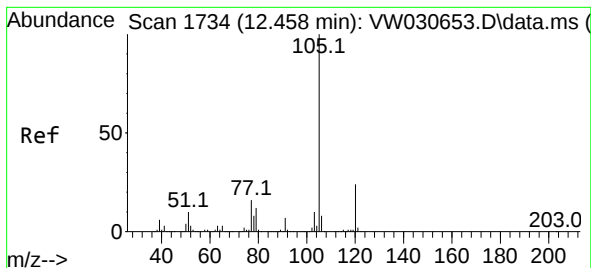
Ion Ratio Lower Upper

173 100

175 47.3 39.0 58.4

254 9.4 7.7 11.5





#60

Isopropylbenzene

Concen: 26.926 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030674.D

Acq: 18 Oct 2024 19:04

Instrument :

MSVOA_W

ClientSampleId :

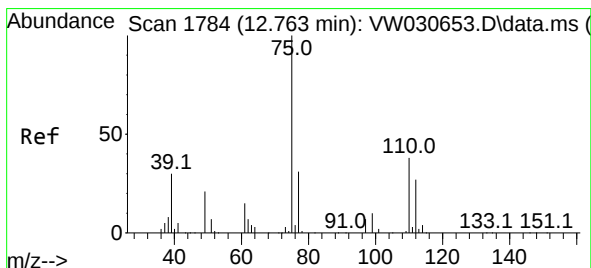
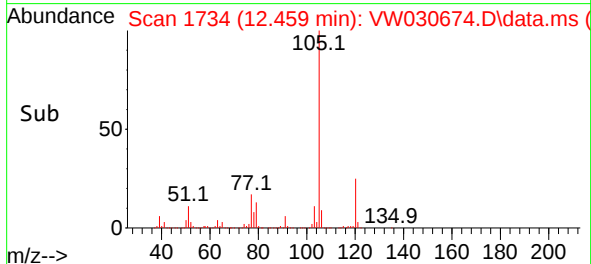
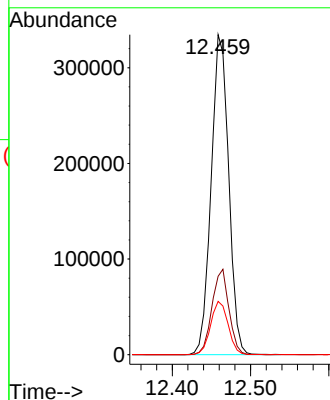
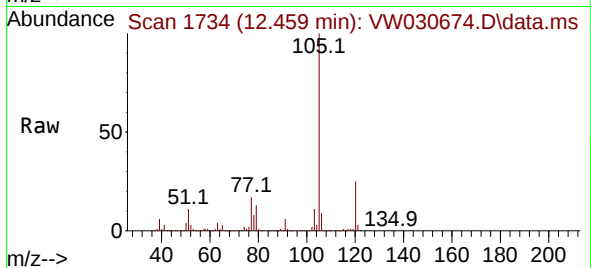
Tgt Ion:105 Resp: 519240

Ion Ratio Lower Upper

105 100

120 25.8 20.6 31.0

77 16.7 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 24.992 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW030674.D

Acq: 18 Oct 2024 19:04

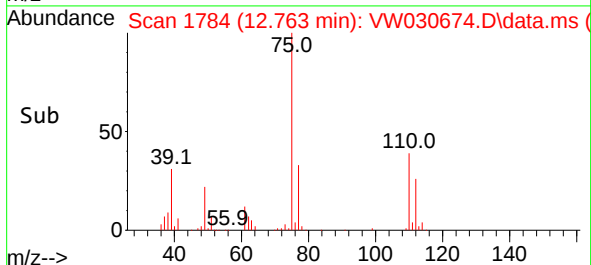
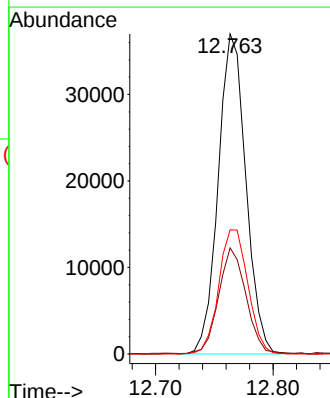
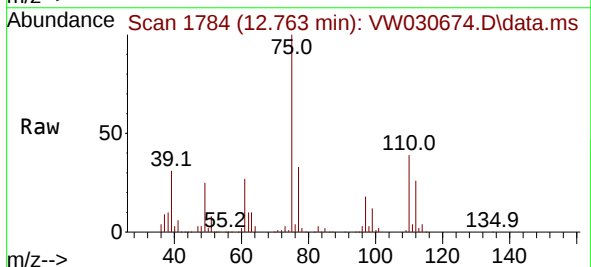
Tgt Ion: 75 Resp: 60558

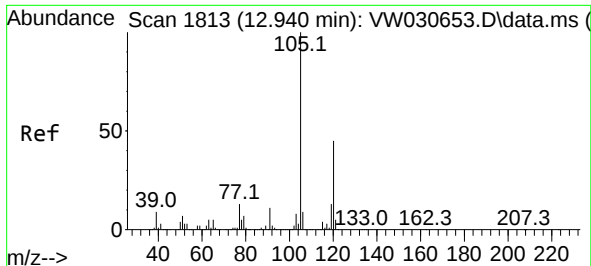
Ion Ratio Lower Upper

75 100

77 32.7 25.7 38.5

110 40.9 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 27.366 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030674.D

Acq: 18 Oct 2024 19:04

Instrument :

MSVOA_W

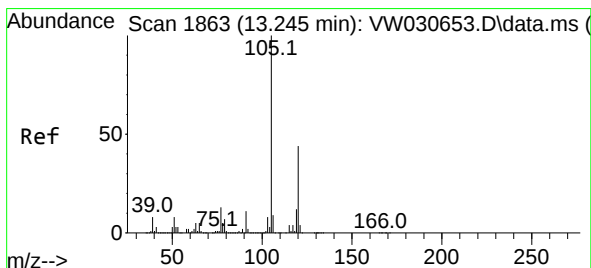
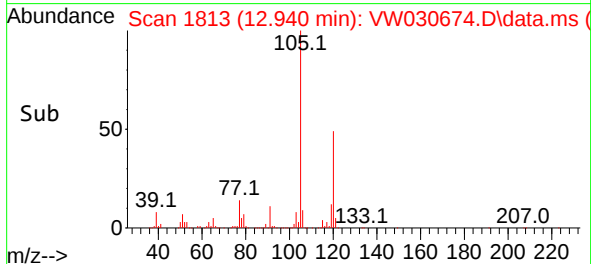
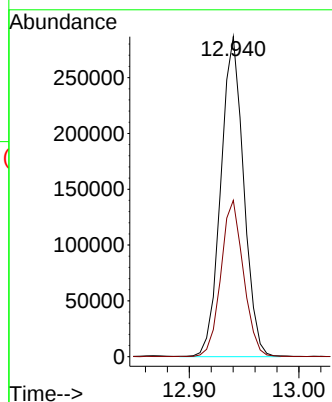
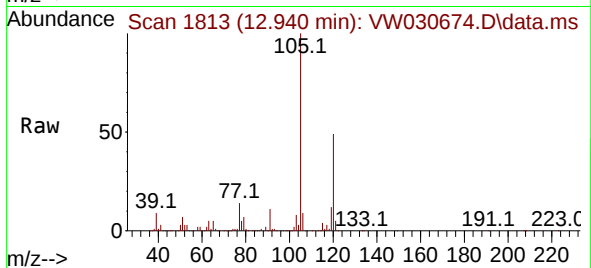
ClientSampleId :

Tgt Ion:105 Resp: 416334

Ion Ratio Lower Upper

105 100

120 48.1 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 28.227 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030674.D

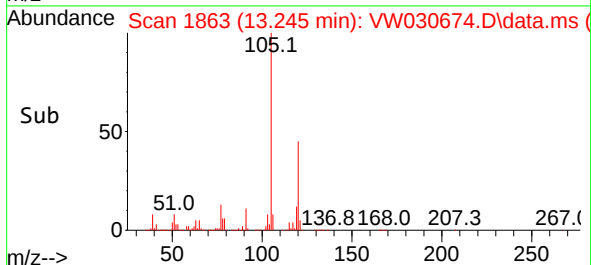
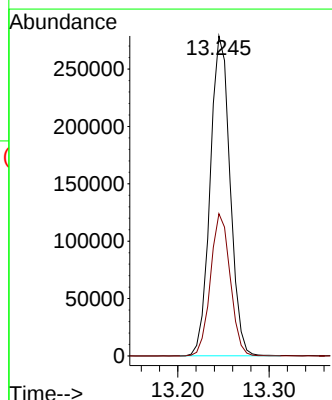
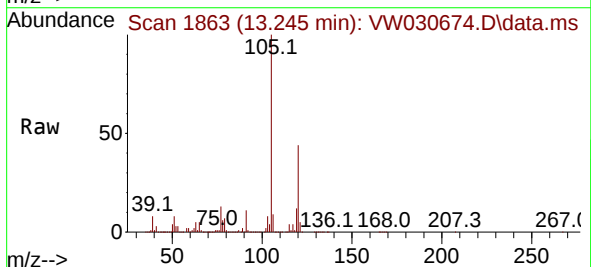
Acq: 18 Oct 2024 19:04

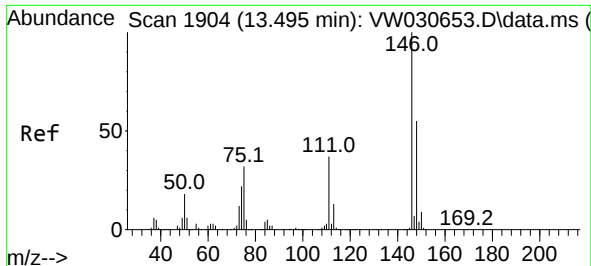
Tgt Ion:105 Resp: 420460

Ion Ratio Lower Upper

105 100

120 44.1 35.8 53.6

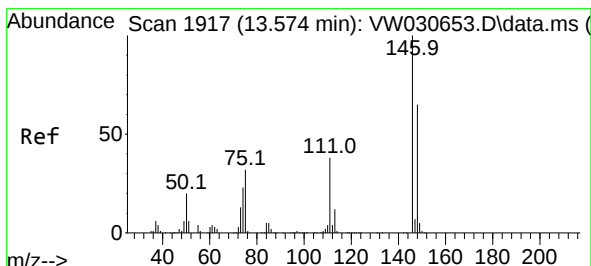
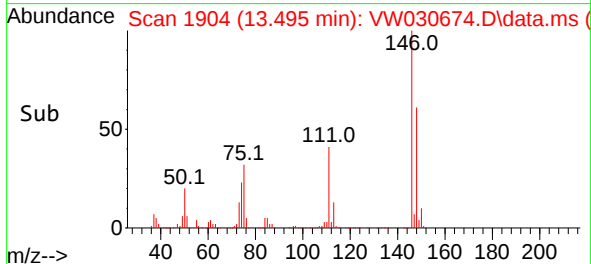
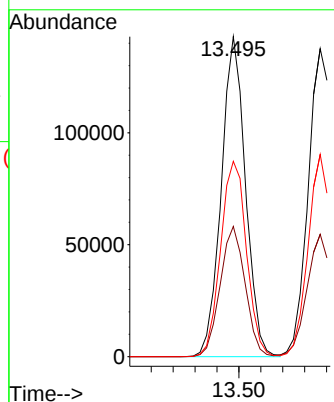
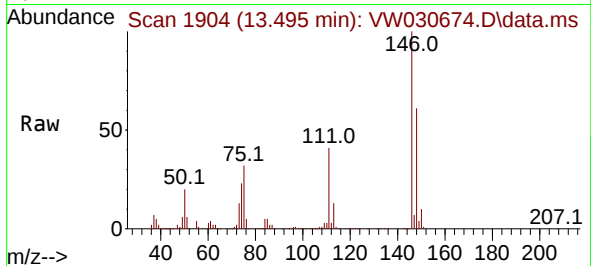




#64
1,3-Dichlorobenzene
Concen: 26.140 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030674.D
Acq: 18 Oct 2024 19:04

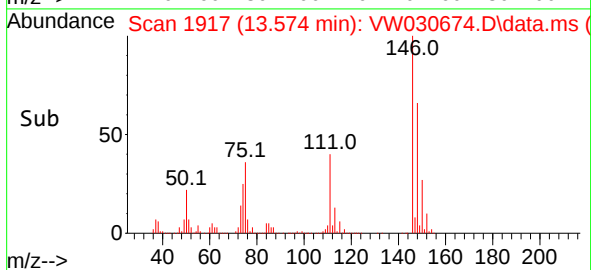
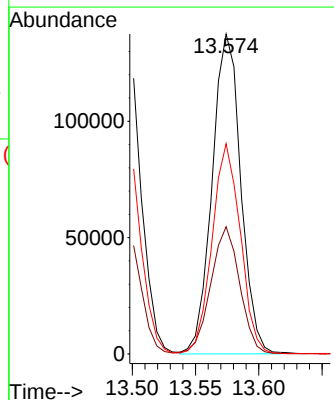
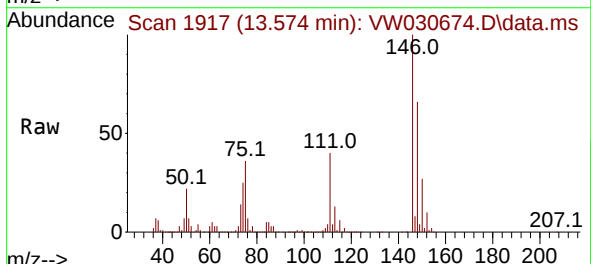
Instrument :
MSVOA_W
ClientSampleId :

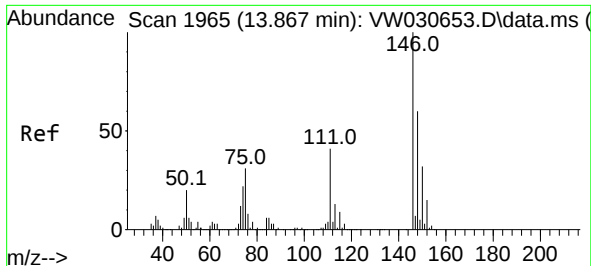
Tgt Ion:146 Resp: 219416
Ion Ratio Lower Upper
146 100
111 40.7 31.2 58.0
148 61.1 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 25.002 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030674.D
Acq: 18 Oct 2024 19:04

Tgt Ion:146 Resp: 216697
Ion Ratio Lower Upper
146 100
111 39.7 26.8 49.8
148 65.7 41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 26.811 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW030674.D

Acq: 18 Oct 2024 19:04

Instrument :

MSVOA_W

ClientSampleId :

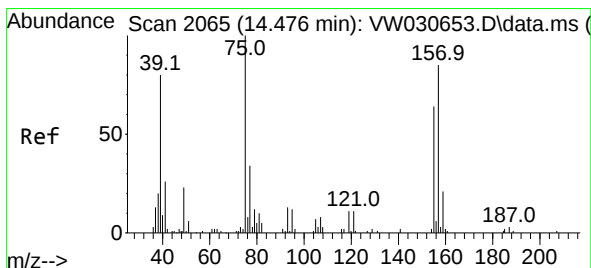
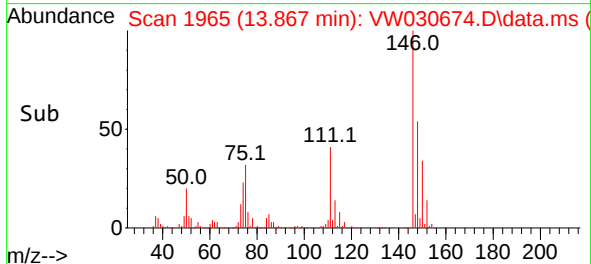
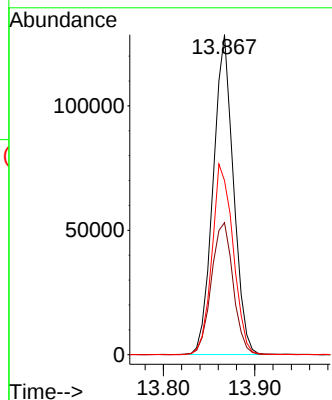
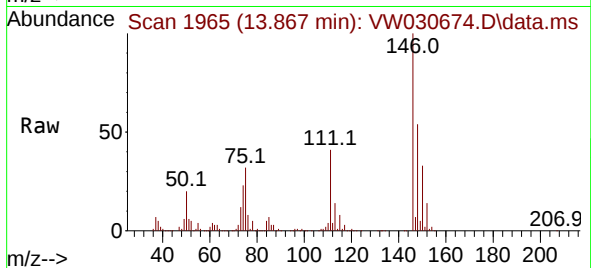
Tgt Ion:146 Resp: 198032

Ion Ratio Lower Upper

146 100

111 41.3 34.6 52.0

148 54.4 53.3 79.9



#68

1,2-Dibromo-3-chloropropane

Concen: 24.085 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW030674.D

Acq: 18 Oct 2024 19:04

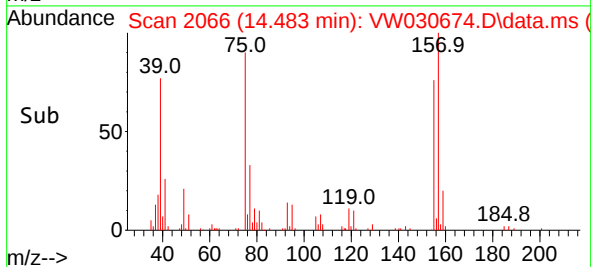
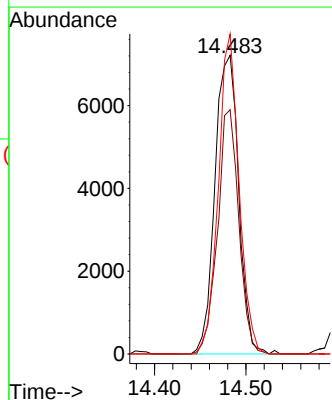
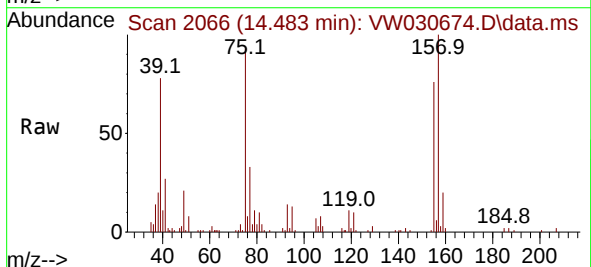
Tgt Ion: 75 Resp: 13013

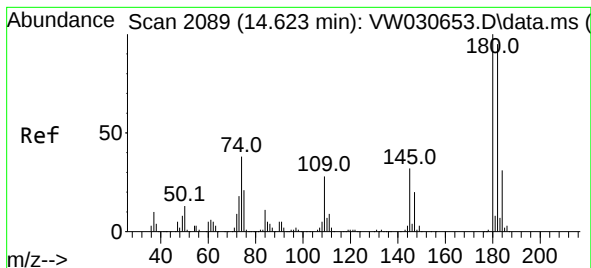
Ion Ratio Lower Upper

75 100

155 81.7 57.9 86.9

157 107.1 69.0 103.6#





#69

1,3,5-Trichlorobenzene

Concen: 24.791 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

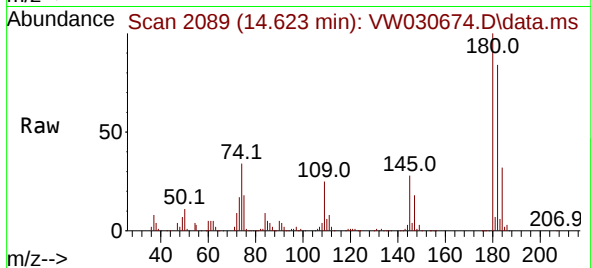
Lab File: VW030674.D

Acq: 18 Oct 2024 19:04

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 137225

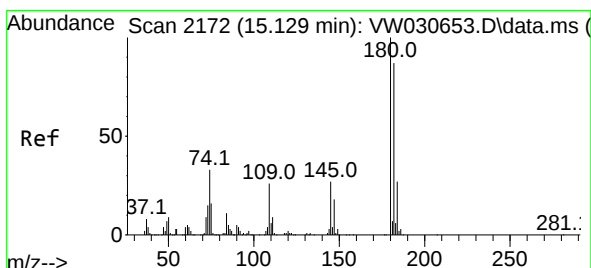
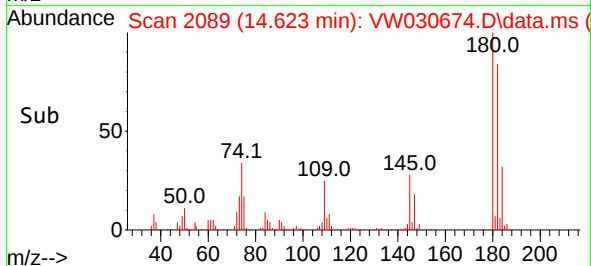
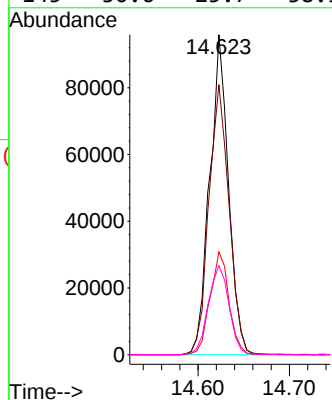
Ion Ratio Lower Upper

180 100

182 90.3 79.9 119.9

184 32.3 25.2 37.8

145 30.6 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 23.666 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW030674.D

Acq: 18 Oct 2024 19:04

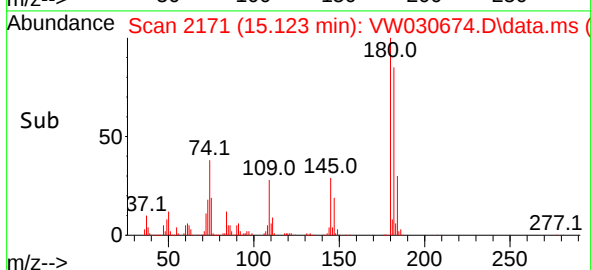
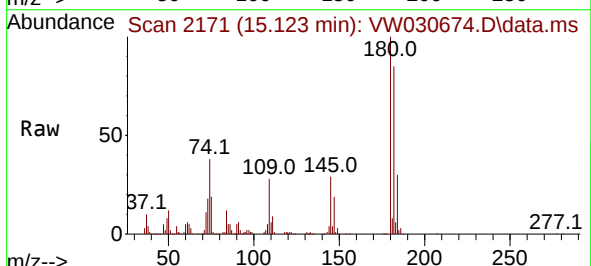
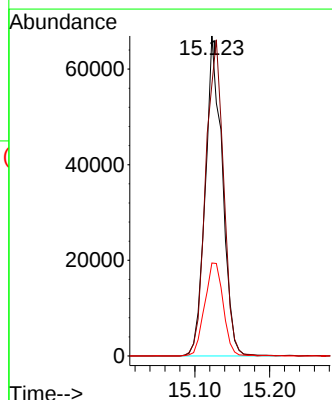
Tgt Ion:180 Resp: 105458

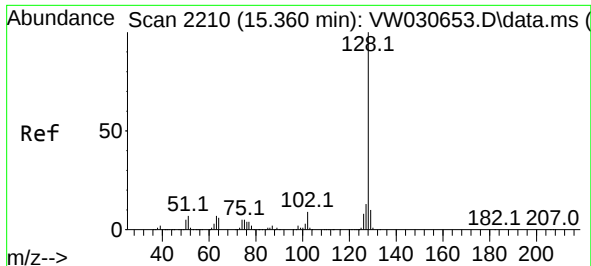
Ion Ratio Lower Upper

180 100

182 103.5 75.2 112.8

145 31.7 25.4 38.2

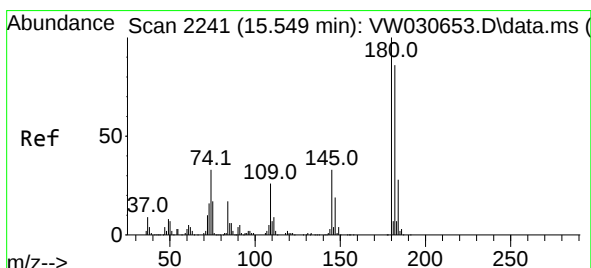
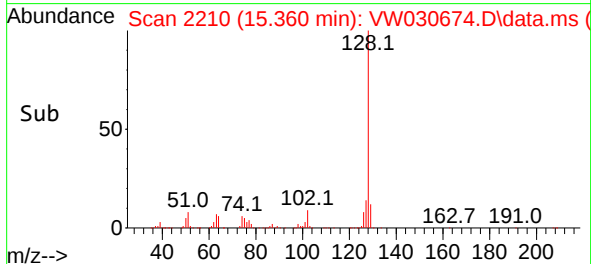
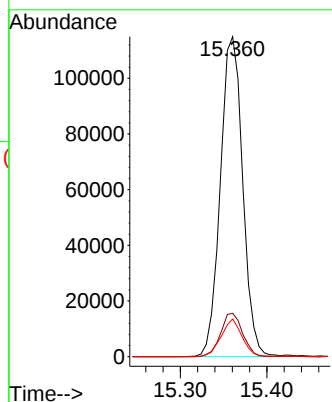
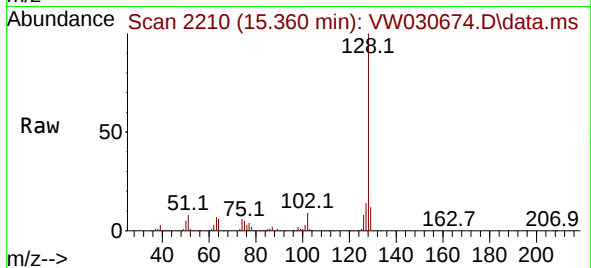




#71
Naphthalene
Concen: 26.736 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW030674.D
Acq: 18 Oct 2024 19:04

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 205828
Ion Ratio Lower Upper
128 100
127 13.5 10.9 16.3
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 24.920 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW030674.D
Acq: 18 Oct 2024 19:04

Tgt Ion:180 Resp: 96268
Ion Ratio Lower Upper
180 100
182 96.3 76.2 114.4
145 34.2 27.4 41.2

