

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121624\
 Data File : VW031258.D
 Acq On : 16 Dec 2024 08:40
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 00:31:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 14 00:44:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	706009	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	600304	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	291553	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	277943	26.165	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.640%	
7) Chloroethane-d5	2.899	69	202163	25.727	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.920%	
11) 1,1-Dichloroethene-d2	4.021	65	131202	26.038	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 104.160%	
21) 2-Butanone-d5	7.100	46	90373	45.175	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 90.340%	
24) Chloroform-d	7.648	84	498319	25.761	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 103.040%	
26) 1,2-Dichloroethane-d4	8.307	65	243673	25.082	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 100.320%	
32) Benzene-d6	8.270	84	978446	25.430	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 101.720%	
36) 1,2-Dichloropropane-d6	9.270	67	282343	25.178	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 100.720%	
41) Toluene-d8	10.319	98	901672	25.190	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 100.760%	
43) trans-1,3-Dichloroprop...	10.575	79	125319	24.237	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 96.960%	
47) 2-Hexanone-d5	10.922	63	68979	45.741	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 91.480%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	162757	23.117	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 92.480%	
66) 1,2-Dichlorobenzene-d4	13.848	152	260188	24.039	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 96.160%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	166409	26.080	ug/L	93
3) Chloromethane	2.216	50	181054	25.258	ug/L	100
5) Vinyl chloride	2.369	62	264148	26.591	ug/L	96
6) Bromomethane	2.789	94	161970	26.521	ug/L	99
8) Chloroethane	2.930	64	159696	27.032	ug/L	98
9) Trichlorofluoromethane	3.271	101	305228	28.842	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	225290	26.363	ug/L	96
12) 1,1-Dichloroethene	4.045	96	222630	25.722	ug/L	86
13) Acetone	4.173	43	130230	46.744	ug/L #	100
14) Carbon disulfide	4.387	76	728457	25.807	ug/L	100
15) Methyl Acetate	4.691	43	70898	22.405	ug/L	100
16) Methylene chloride	4.917	84	218015	24.543	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	238627	25.578	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	372864	23.906	ug/L	99
19) 1,1-Dichloroethane	6.216	63	448112	25.704	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	260369	25.795	ug/L	99
22) 2-Butanone	7.191	43	145538	43.113	ug/L	98
23) Bromochloromethane	7.514	128	101473	25.206	ug/L	96
25) Chloroform	7.679	83	453573	26.361	ug/L	99

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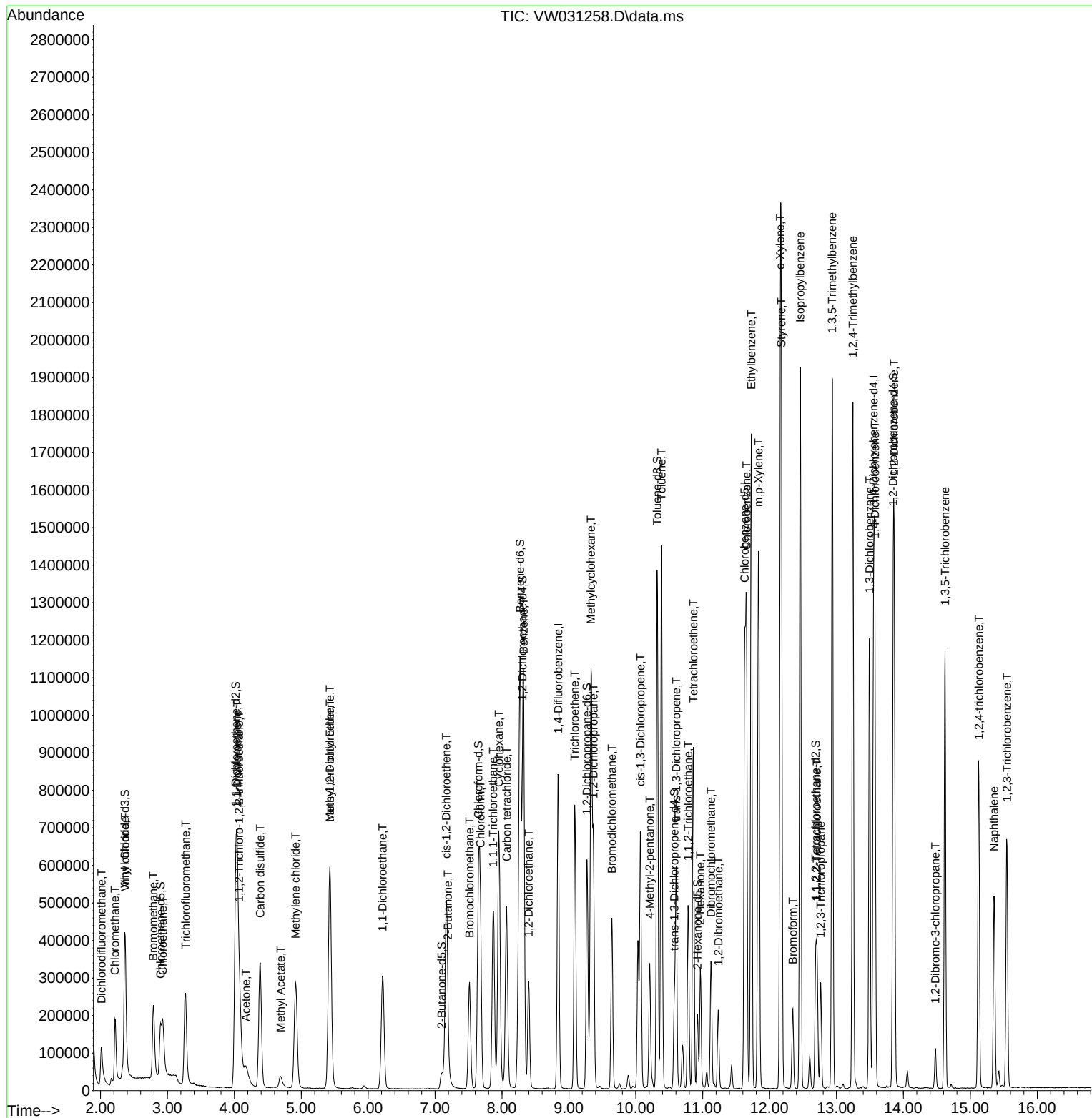
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	272507	25.192	ug/L	100
29) Cyclohexane	7.953	56	411976	25.306	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	402354	25.932	ug/L	100
31) Carbon tetrachloride	8.069	117	363055	26.264	ug/L	97
33) Benzene	8.325	78	953790	25.710	ug/L	100
34) Trichloroethene	9.087	95	269749	25.756	ug/L	95
35) Methylcyclohexane	9.331	83	468185	25.669	ug/L	99
37) 1,2-Dichloropropane	9.367	63	235821	25.482	ug/L	100
38) Bromodichloromethane	9.642	83	305397	25.384	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	400815	25.630	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	219263	44.657	ug/L	99
42) Toluene	10.386	91	1040771	25.768	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	318821	24.968	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	151936	24.682	ug/L	95
46) Tetrachloroethene	10.861	164	193903	25.275	ug/L	91
48) 2-Hexanone	10.965	43	204600	48.996	ug/L	99
49) Dibromochloromethane	11.123	129	182829	25.056	ug/L	92
50) 1,2-Dibromoethane	11.233	107	142690	24.470	ug/L	97
51) Chlorobenzene	11.654	112	654099	25.829	ug/L	97
52) Ethylbenzene	11.727	91	1215346	25.963	ug/L	96
53) m,p-Xylene	11.837	106	458576	25.734	ug/L	96
54) o-Xylene	12.160	106	433309	25.800	ug/L	100
55) Styrene	12.178	104	705960	25.271	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.708	83	160825	24.236	ug/L	98
59) Bromoform	12.349	173	96185	23.484	ug/L	99
60) Isopropylbenzene	12.458	105	1226809	25.713	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	116261	23.304	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	1010613	24.984	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	987522	25.259	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	473399	24.490	ug/L	86
65) 1,4-Dichlorobenzene	13.574	146	475549	24.829	ug/L	94
67) 1,2-Dichlorobenzene	13.861	146	405130	24.324	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	28407	22.437	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	345019	25.484	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	269860	23.962	ug/L	96
71) Naphthalene	15.354	128	447050	22.642	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	221128	24.370	ug/L	100

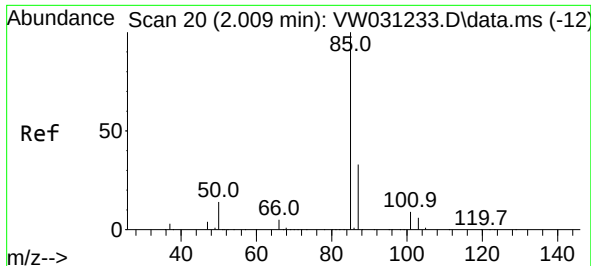
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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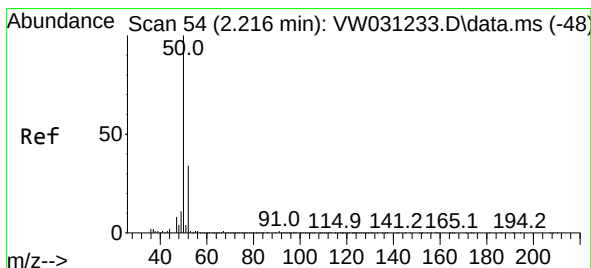
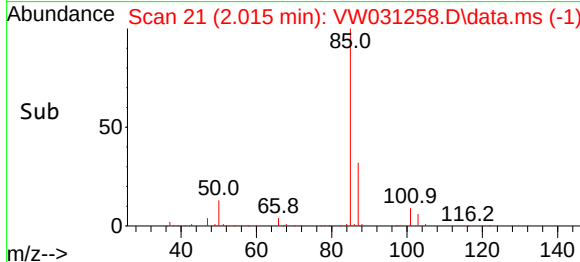
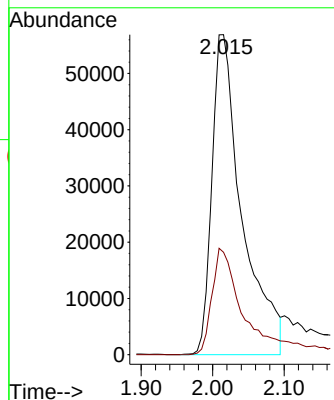
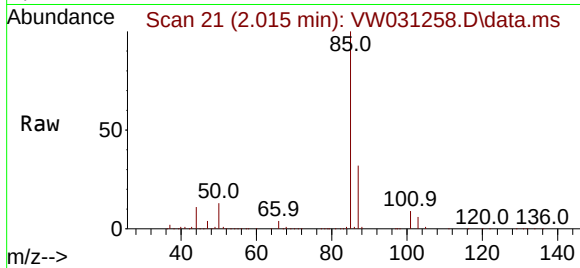




#2
 Dichlorodifluoromethane
 Concen: 26.080 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW031258.D
 Acq: 16 Dec 2024 08:40

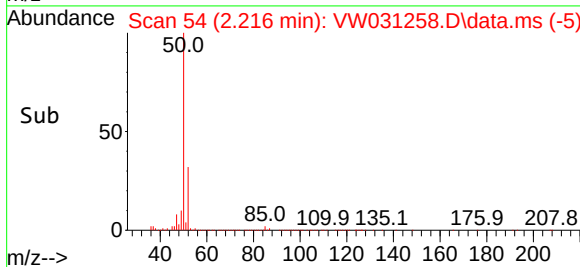
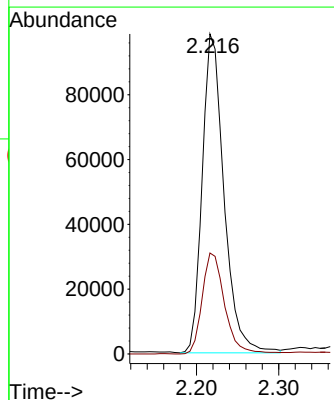
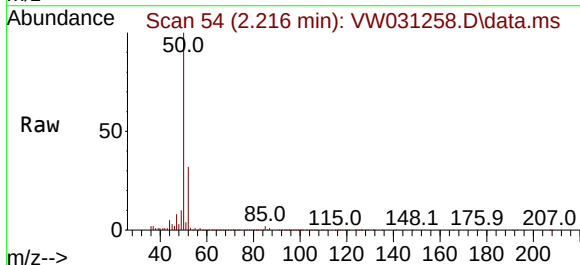
Instrument :
 MSVOA_W
 ClientSampleId :

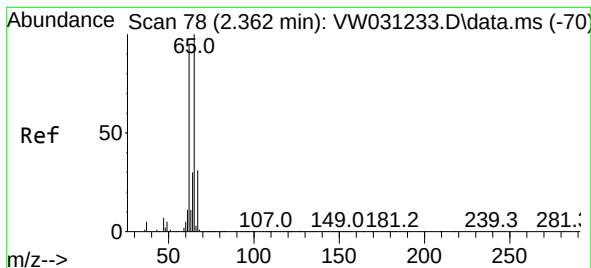
Tgt Ion: 85 Resp: 166409
 Ion Ratio Lower Upper
 85 100
 87 35.1 24.9 37.3



#3
 Chloromethane
 Concen: 25.258 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VW031258.D
 Acq: 16 Dec 2024 08:40

Tgt Ion: 50 Resp: 181054
 Ion Ratio Lower Upper
 50 100
 52 31.6 22.0 41.0





#5

Vinyl chloride

Concen: 26.591 ug/L

RT: 2.369 min Scan# 79

Delta R.T. 0.006 min

Lab File: VW031258.D

Acq: 16 Dec 2024 08:40

Instrument :

MSVOA_W

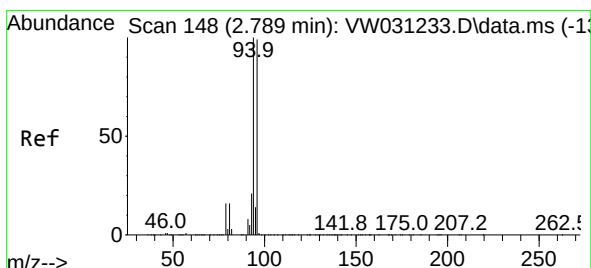
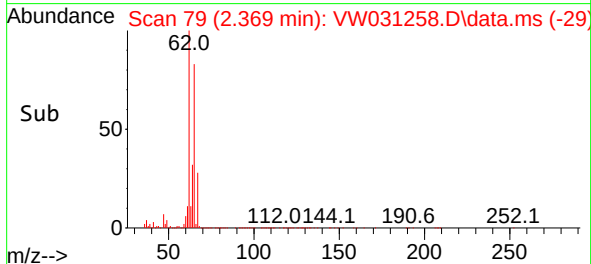
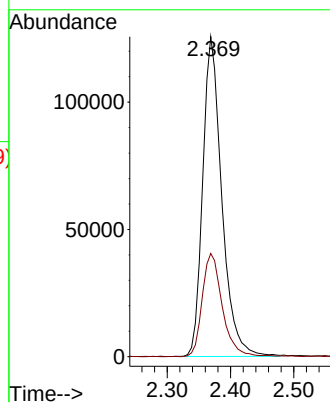
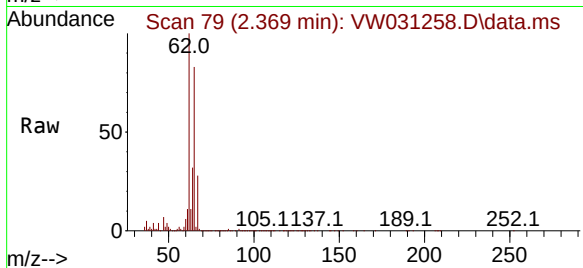
ClientSampleId :

Tgt Ion: 62 Resp: 264148

Ion Ratio Lower Upper

62 100

64 32.2 24.1 44.8



#6

Bromomethane

Concen: 26.521 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW031258.D

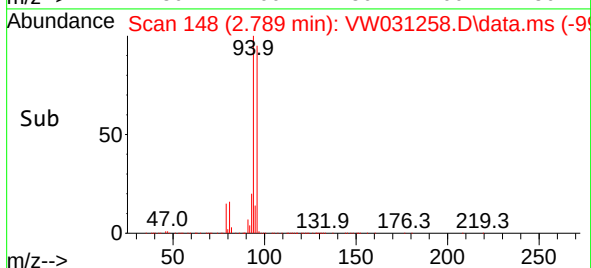
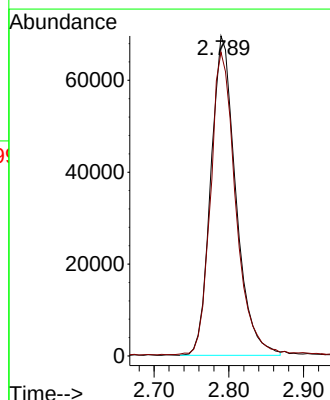
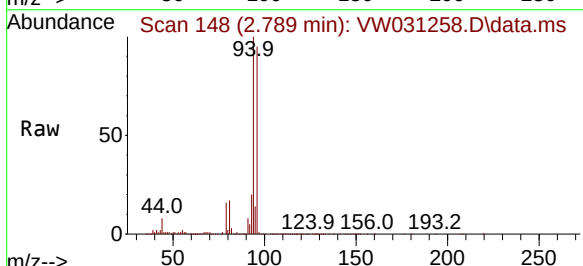
Acq: 16 Dec 2024 08:40

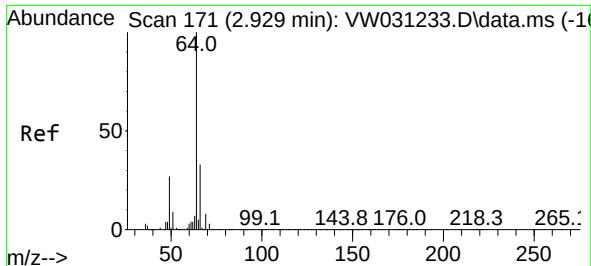
Tgt Ion: 94 Resp: 161970

Ion Ratio Lower Upper

94 100

96 94.9 65.6 121.8

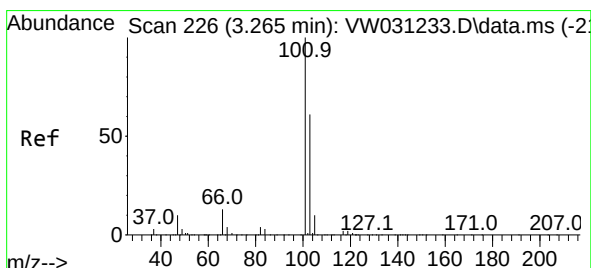
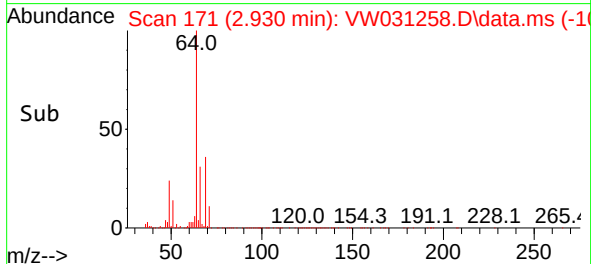
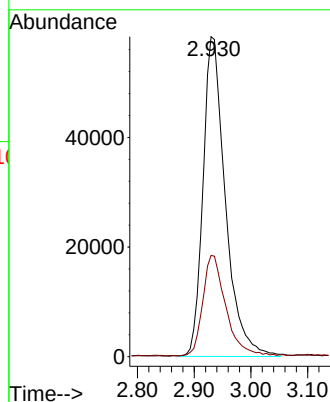
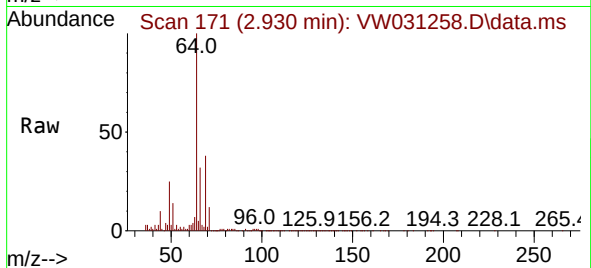




#8
Chloroethane
Concen: 27.032 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW031258.D
Acq: 16 Dec 2024 08:40

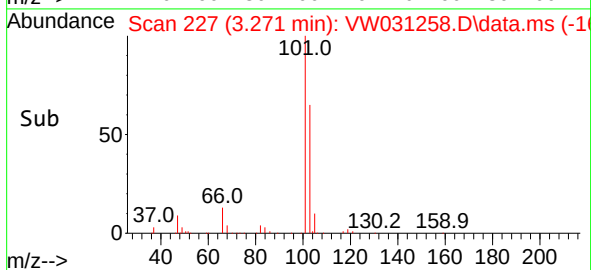
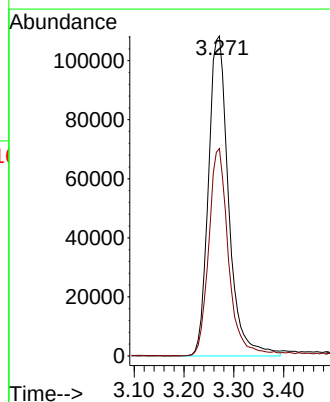
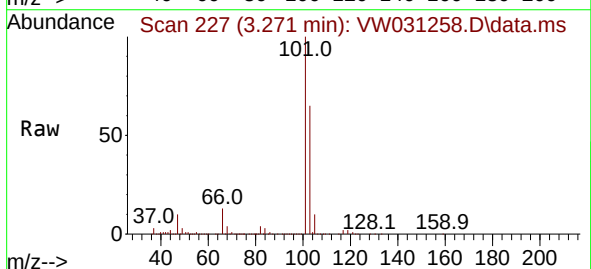
Instrument :
MSVOA_W
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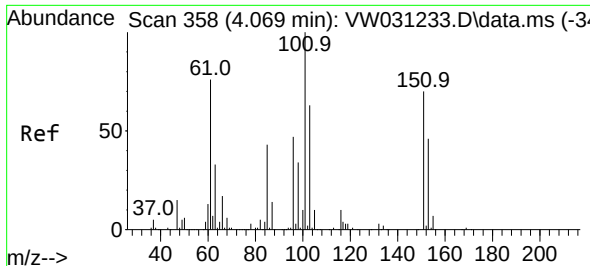
Tgt Ion: 64 Resp: 159696
Ion Ratio Lower Upper
64 100
66 31.6 22.7 42.3



#9
Trichlorofluoromethane
Concen: 28.842 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW031258.D
Acq: 16 Dec 2024 08:40

Tgt Ion: 101 Resp: 305228
Ion Ratio Lower Upper
101 100
103 62.9 51.6 77.4

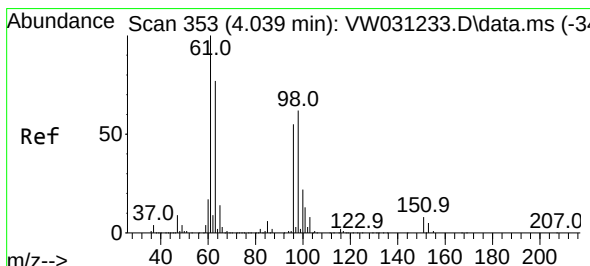
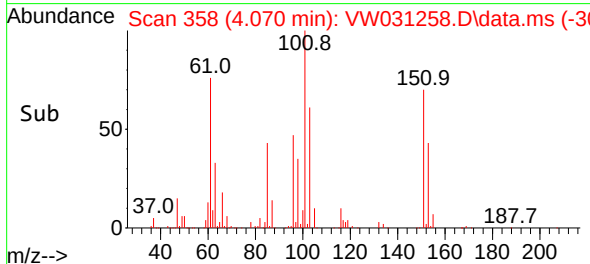
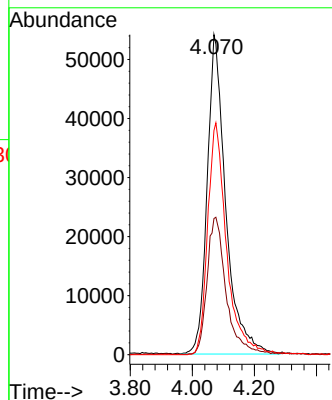
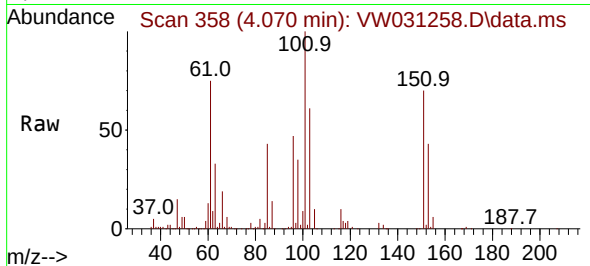




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.363 ug/L
RT: 4.070 min Scan# 310
Delta R.T. 0.000 min
Lab File: VW031258.D
Acq: 16 Dec 2024 08:40

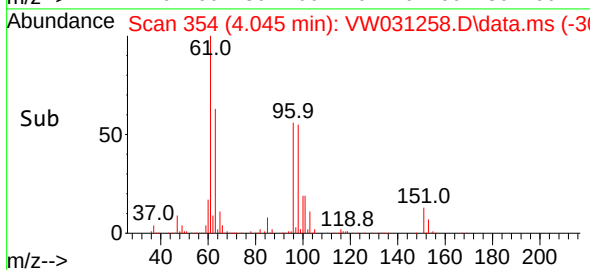
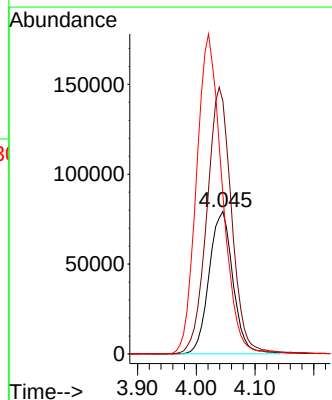
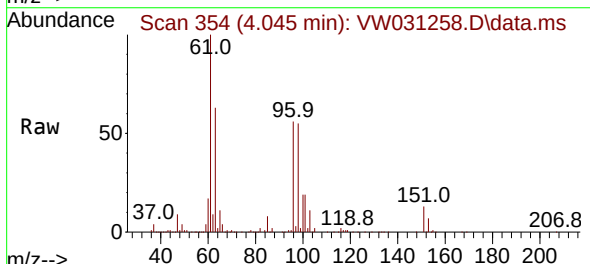
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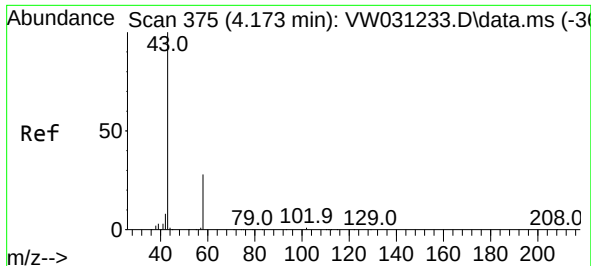
Tgt Ion:101 Resp: 225290
Ion Ratio Lower Upper
101 100
85 43.9 33.0 49.4
151 72.2 54.8 82.2



#12
1,1-Dichloroethene
Concen: 25.722 ug/L
RT: 4.045 min Scan# 354
Delta R.T. 0.006 min
Lab File: VW031258.D
Acq: 16 Dec 2024 08:40

Tgt Ion: 96 Resp: 222630
Ion Ratio Lower Upper
96 100
61 177.5 125.3 232.7
63 111.7 104.6 194.2





#13

Acetone

Concen: 46.744 ug/L

RT: 4.173 min Scan# 31

Delta R.T. 0.000 min

Lab File: VW031258.D

Acq: 16 Dec 2024 08:40

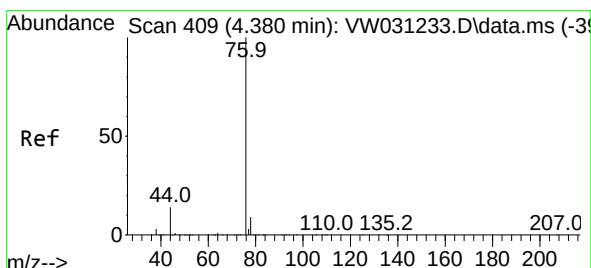
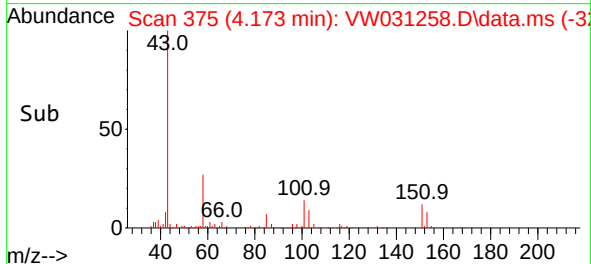
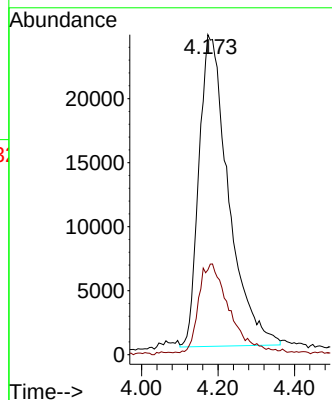
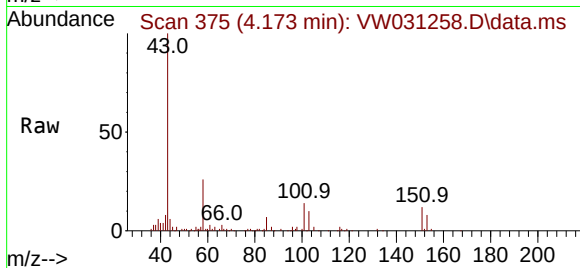
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 130230

Ion	Ratio	Lower	Upper
43	100		
58	8.0	0.0	0.0



#14

Carbon disulfide

Concen: 25.807 ug/L

RT: 4.387 min Scan# 410

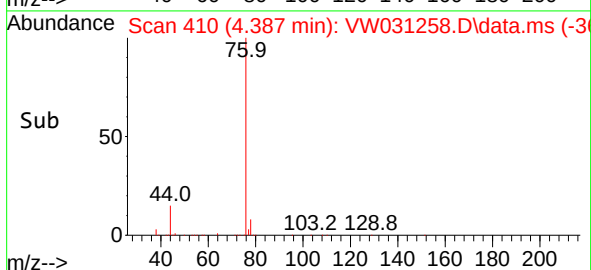
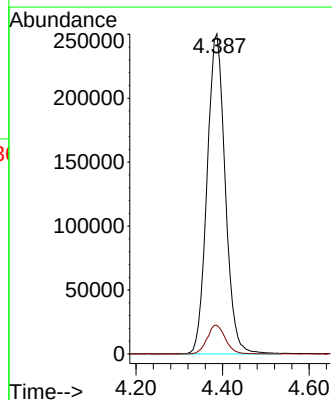
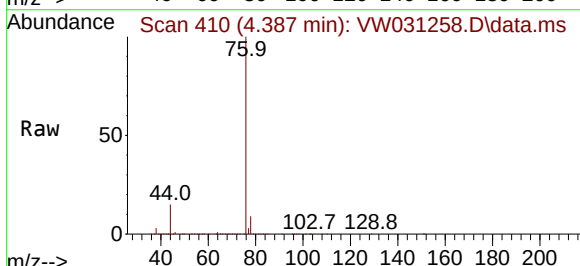
Delta R.T. 0.006 min

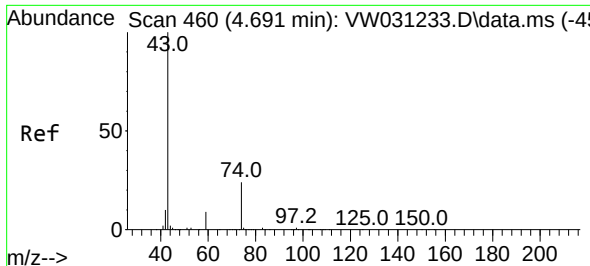
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Tgt Ion: 76 Resp: 728457

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

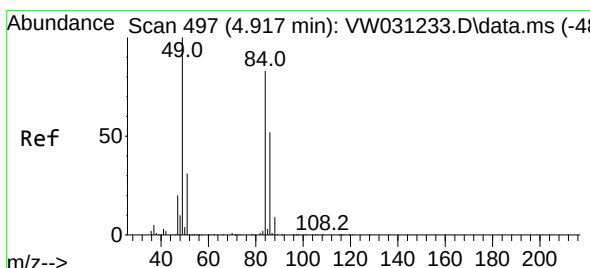
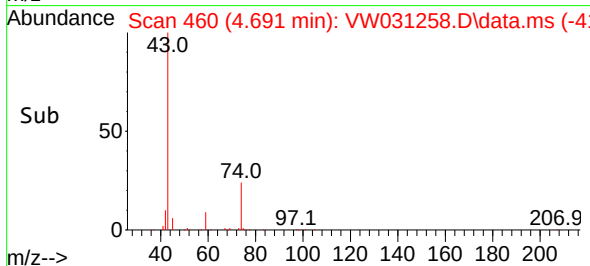
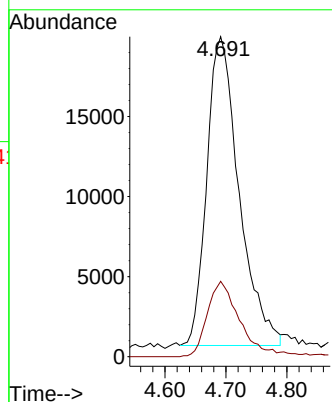
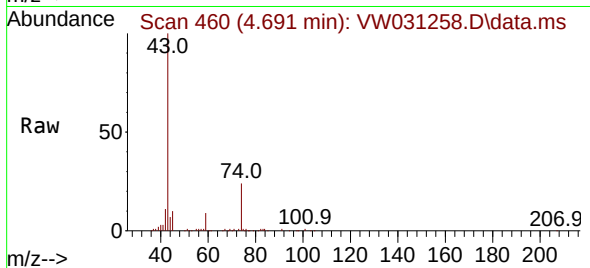




#15
Methyl Acetate
Concen: 22.405 ug/L
RT: 4.691 min Scan# 4
Delta R.T. 0.000 min
Lab File: VW031258.D
Acq: 16 Dec 2024 08:40

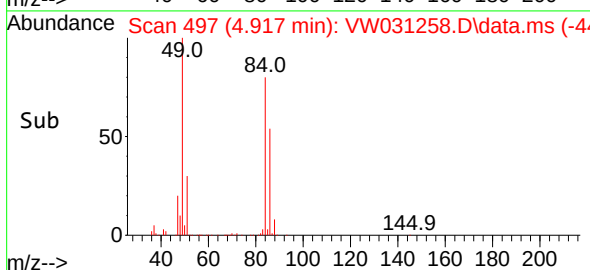
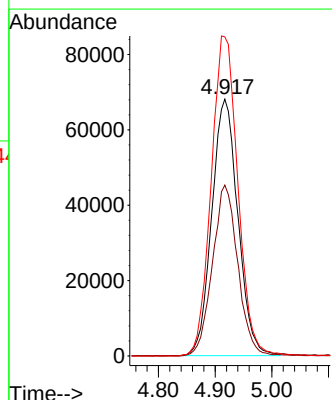
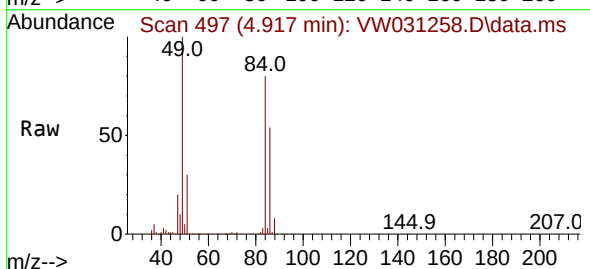
Instrument :
MSVOA_W
ClientSampleId :

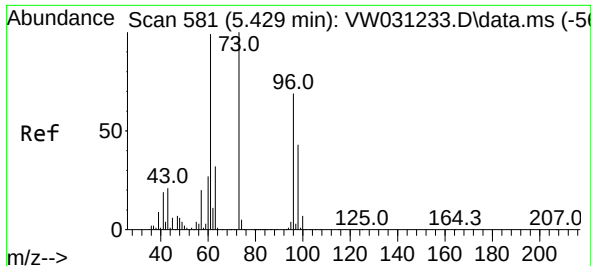
Tgt Ion: 43 Resp: 70898
Ion Ratio Lower Upper
43 100
74 23.6 18.9 28.3



#16
Methylene chloride
Concen: 24.543 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW031258.D
Acq: 16 Dec 2024 08:40

Tgt Ion: 84 Resp: 218015
Ion Ratio Lower Upper
84 100
86 66.5 44.7 82.9
49 124.2 88.3 164.1

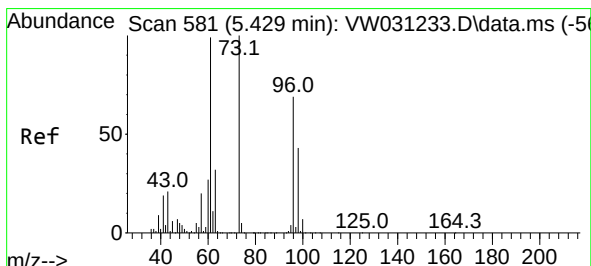
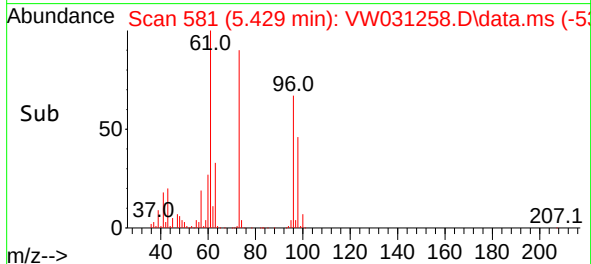
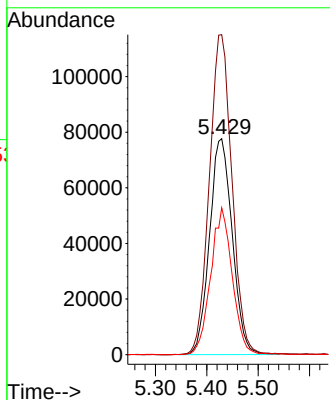
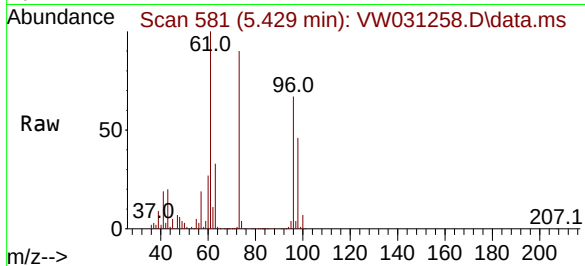




#17
trans-1,2-Dichloroethene
Concen: 25.578 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW031258.D
Acq: 16 Dec 2024 08:40

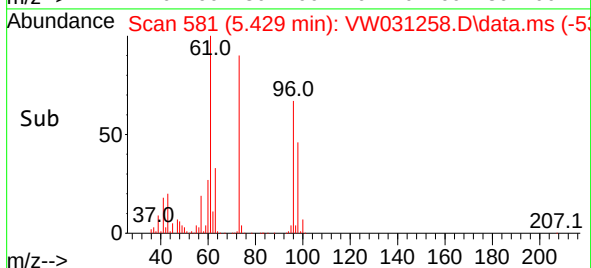
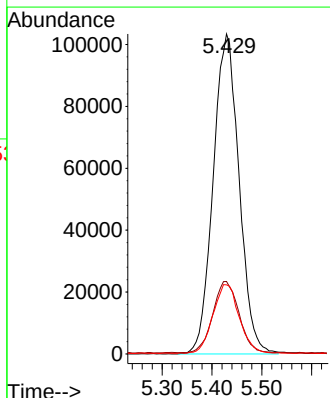
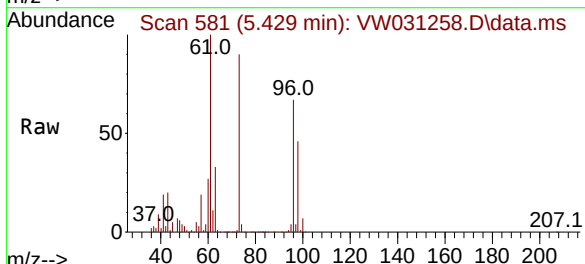
Instrument :
MSVOA_W
ClientSampleId :

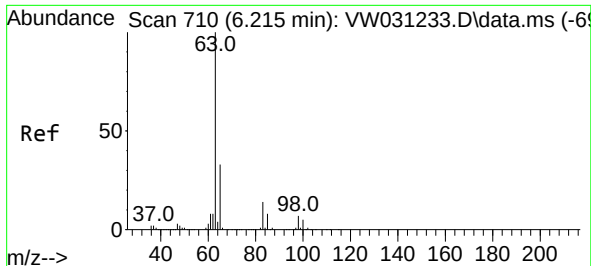
Tgt Ion: 96 Resp: 238627
Ion Ratio Lower Upper
96 100
61 148.2 100.7 187.1
98 68.0 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 23.906 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW031258.D
Acq: 16 Dec 2024 08:40

Tgt Ion: 73 Resp: 372864
Ion Ratio Lower Upper
73 100
43 22.7 17.9 26.9
57 22.0 17.9 26.9





#19

1,1-Dichloroethane

Concen: 25.704 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW031258.D

Acq: 16 Dec 2024 08:40

Instrument :

MSVOA_W

ClientSampleId :

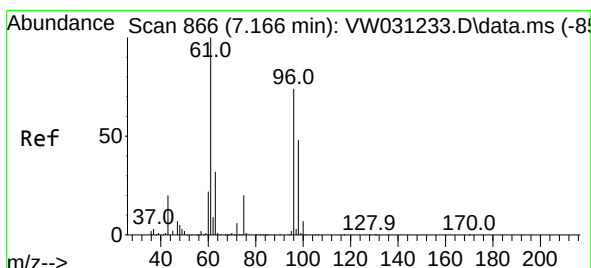
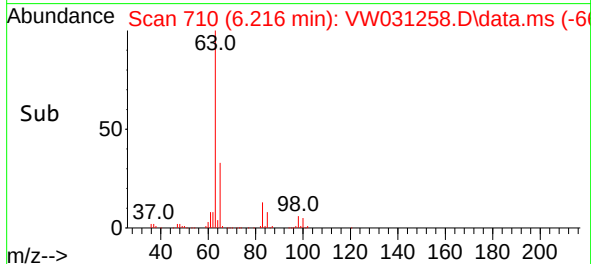
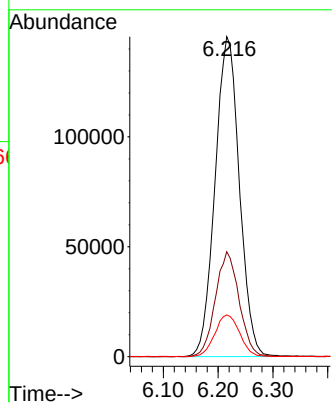
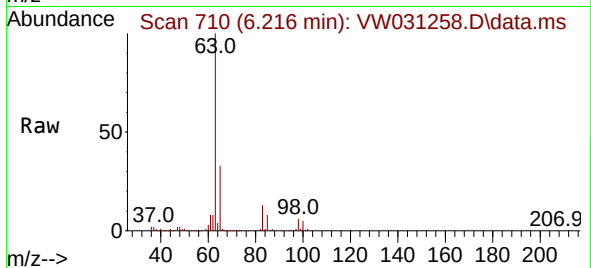
Tgt Ion: 63 Resp: 448112

Ion Ratio Lower Upper

63 100

65 32.8 21.9 40.7

83 13.0 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 25.795 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW031258.D

Acq: 16 Dec 2024 08:40

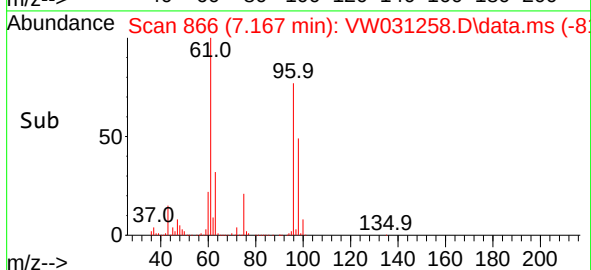
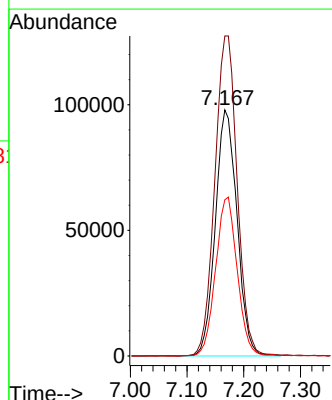
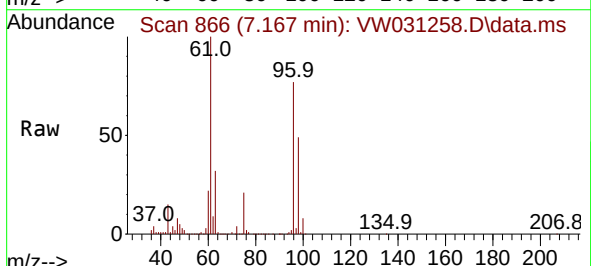
Tgt Ion: 96 Resp: 260369

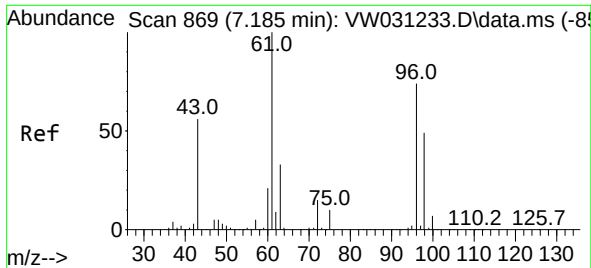
Ion Ratio Lower Upper

96 100

61 130.0 92.2 171.2

98 63.5 43.7 81.1

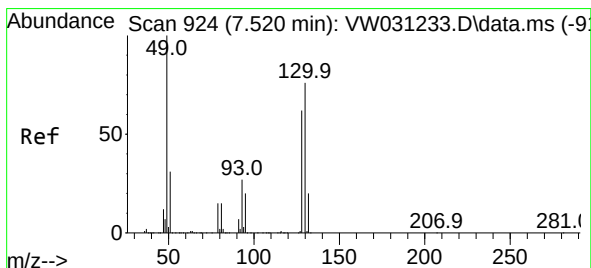
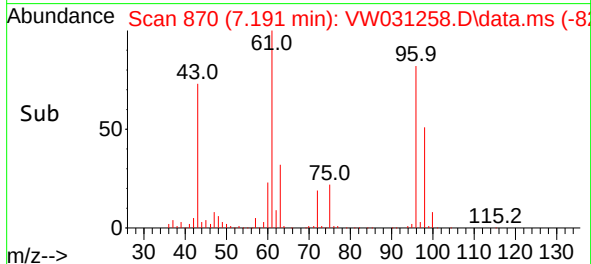
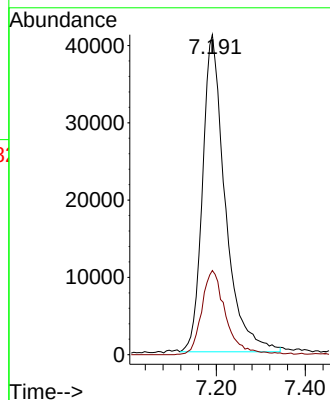
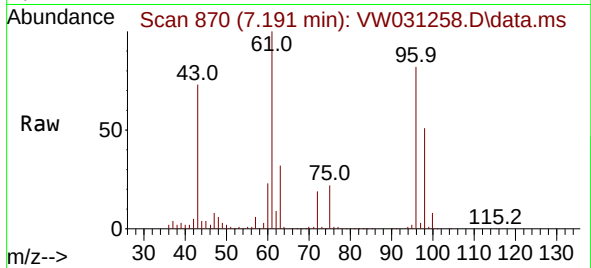




#22
2-Butanone
Concen: 43.113 ug/L
RT: 7.191 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW031258.D
Acq: 16 Dec 2024 08:40

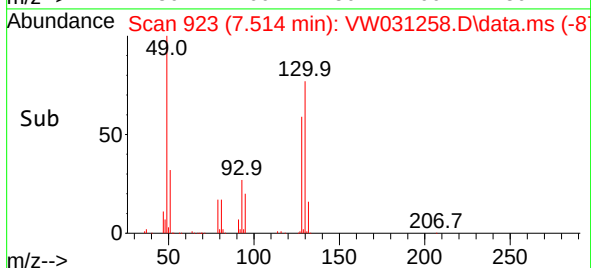
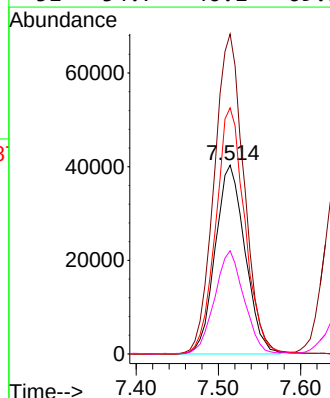
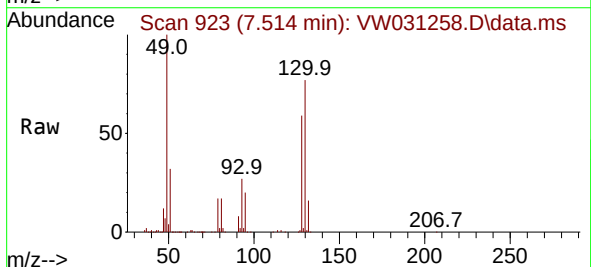
Instrument :
MSVOA_W
ClientSampleId :

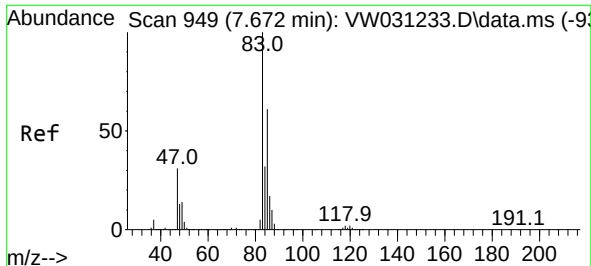
Tgt Ion: 43 Resp: 145538
Ion Ratio Lower Upper
43 100
72 27.6 13.3 39.8



#23
Bromochloromethane
Concen: 25.206 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW031258.D
Acq: 16 Dec 2024 08:40

Tgt Ion: 128 Resp: 101473
Ion Ratio Lower Upper
128 100
49 169.4 123.7 229.7
130 130.3 90.3 167.7
51 54.7 46.1 69.1





#25

Chloroform

Concen: 26.361 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW031258.D

Acq: 16 Dec 2024 08:40

Instrument :

MSVOA_W

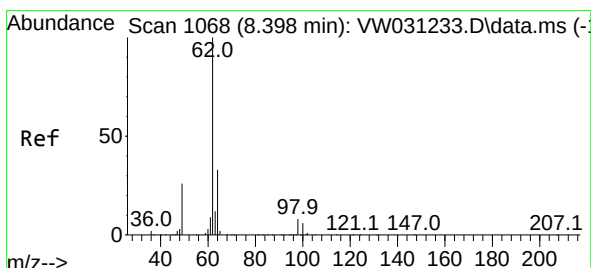
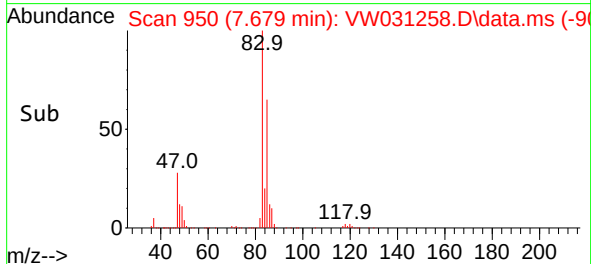
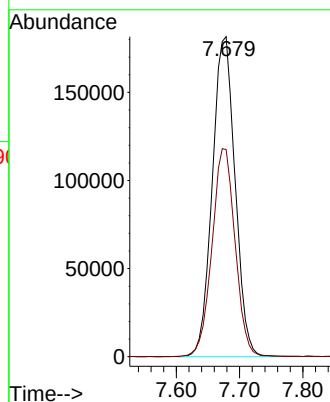
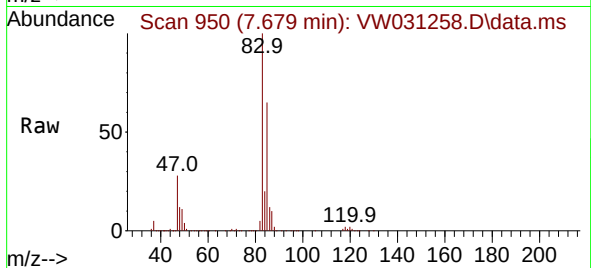
ClientSampleId :

Tgt Ion: 83 Resp: 453573

Ion Ratio Lower Upper

83 100

85 64.7 46.1 85.5



#27

1,2-Dichloroethane

Concen: 25.192 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031258.D

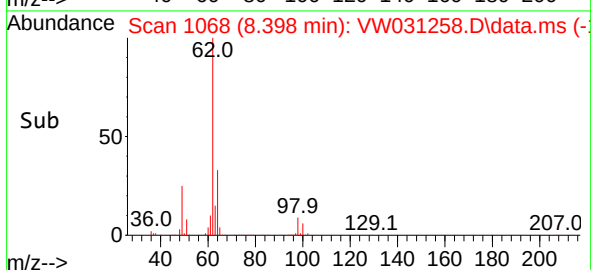
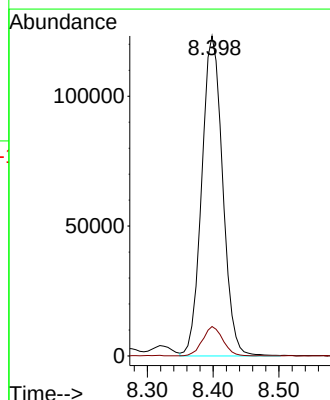
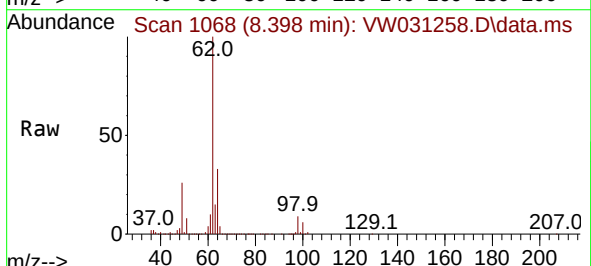
Acq: 16 Dec 2024 08:40

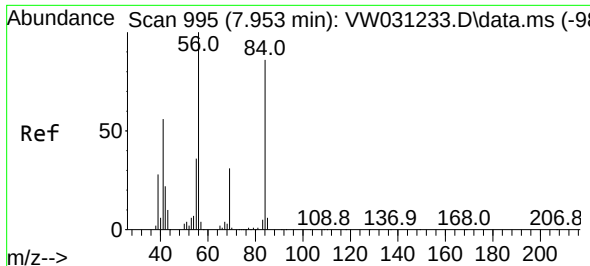
Tgt Ion: 62 Resp: 272507

Ion Ratio Lower Upper

62 100

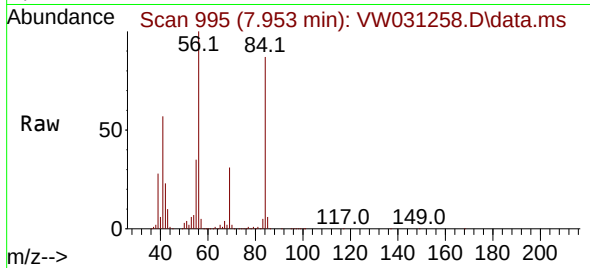
98 9.2 7.2 10.8



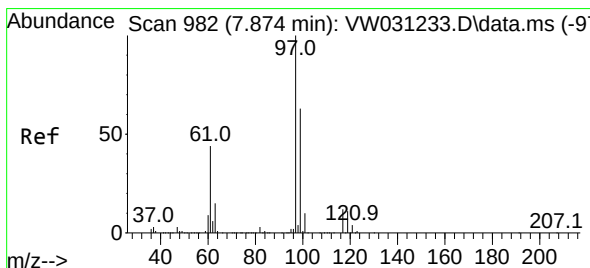
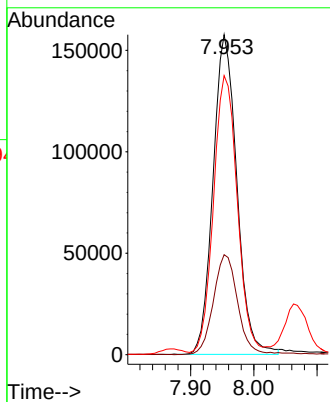
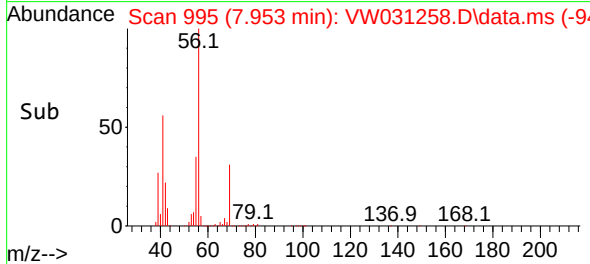


#29
Cyclohexane
Concen: 25.306 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW031258.D
Acq: 16 Dec 2024 08:40

Instrument :
MSVOA_W
ClientSampleId :

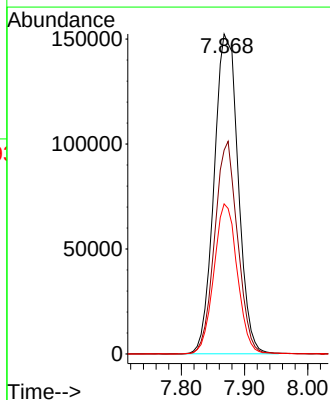
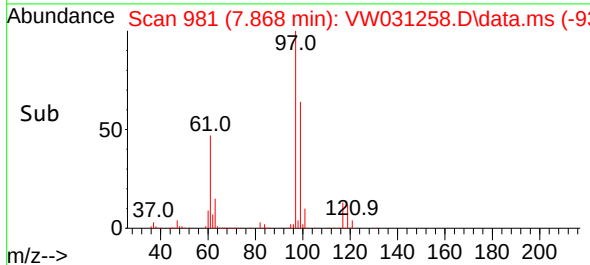
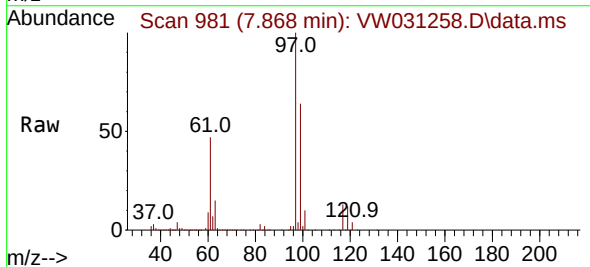


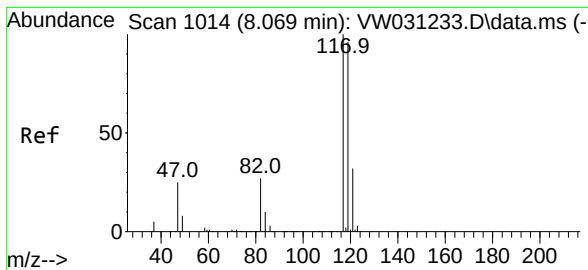
Tgt Ion: 56 Resp: 411976
Ion Ratio Lower Upper
56 100
69 31.5 25.0 37.4
84 87.3 68.9 103.3



#30
1,1,1-Trichloroethane
Concen: 25.932 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW031258.D
Acq: 16 Dec 2024 08:40

Tgt Ion: 97 Resp: 402354
Ion Ratio Lower Upper
97 100
99 63.6 51.1 76.7
61 45.8 36.3 54.5

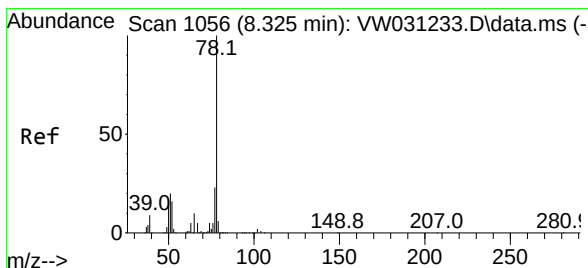
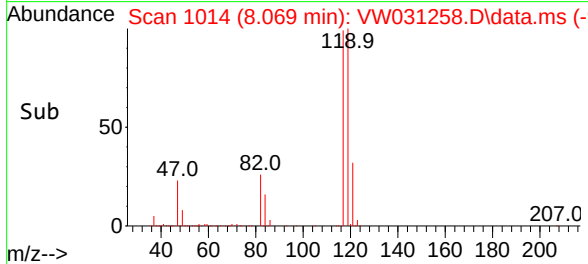
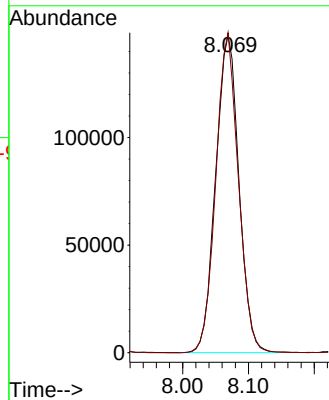
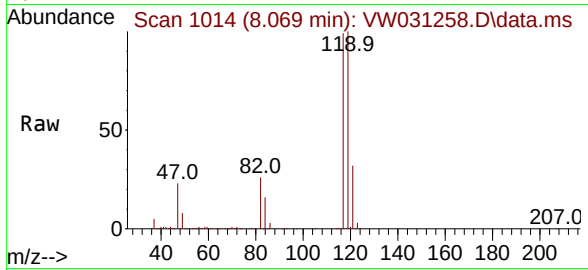




#31
Carbon tetrachloride
Concen: 26.264 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031258.D
Acq: 16 Dec 2024 08:40

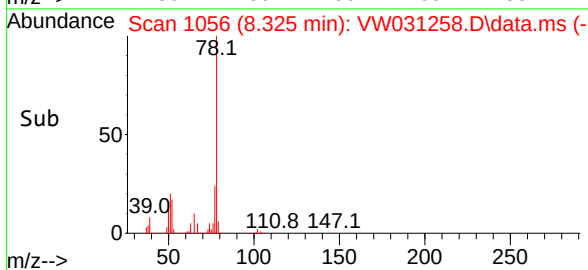
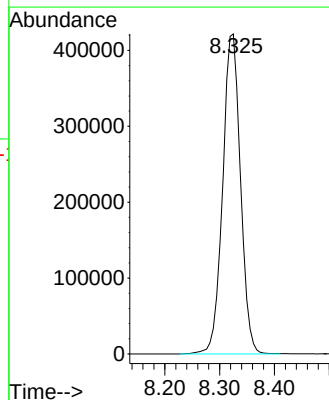
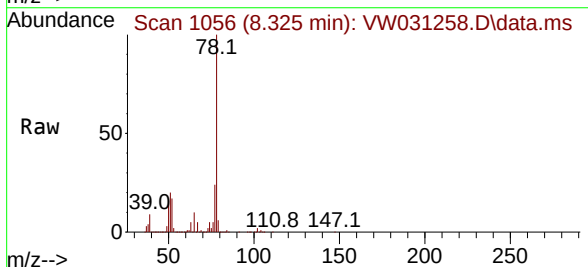
Instrument :
MSVOA_W
ClientSampleId :

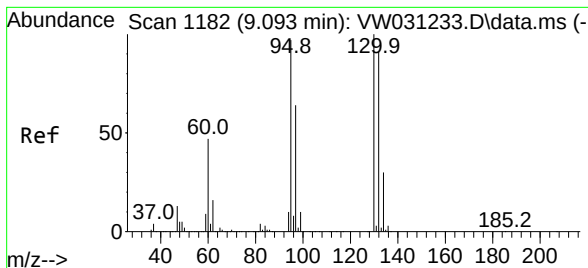
Tgt Ion:117 Resp: 363055
Ion Ratio Lower Upper
117 100
119 97.7 76.0 114.0



#33
Benzene
Concen: 25.710 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW031258.D
Acq: 16 Dec 2024 08:40

Tgt Ion: 78 Resp: 953790





#34

Trichloroethene

Concen: 25.756 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW031258.D

Acq: 16 Dec 2024 08:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 269749

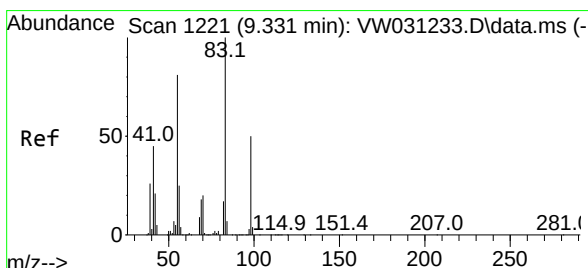
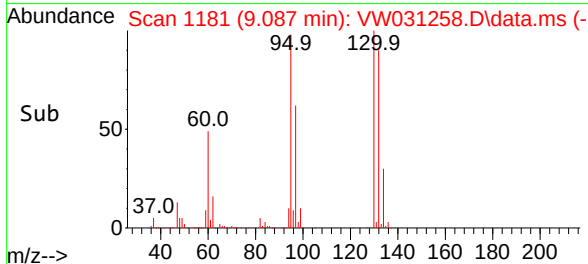
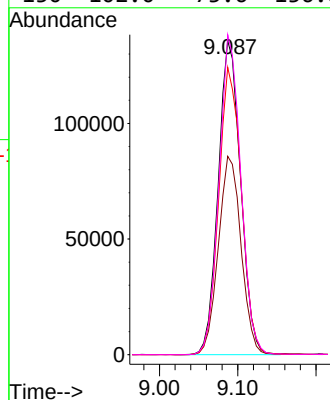
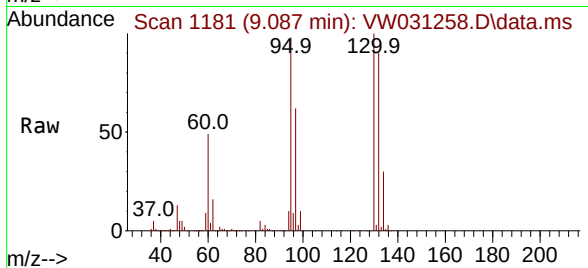
Ion Ratio Lower Upper

95 100

97 63.2 46.5 86.3

132 91.6 70.3 130.5

130 102.0 73.6 136.8



#35

Methylcyclohexane

Concen: 25.669 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031258.D

Acq: 16 Dec 2024 08:40

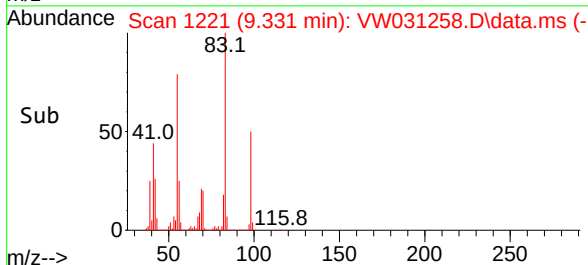
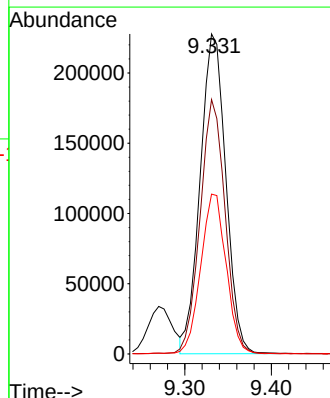
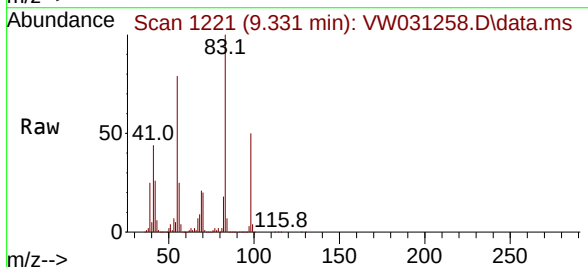
Tgt Ion: 83 Resp: 468185

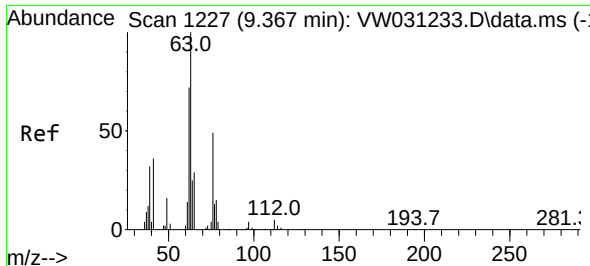
Ion Ratio Lower Upper

83 100

55 77.3 62.6 93.8

98 49.4 39.8 59.6





#37

1,2-Dichloropropane

Concen: 25.482 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031258.D

Acq: 16 Dec 2024 08:40

Instrument :

MSVOA_W

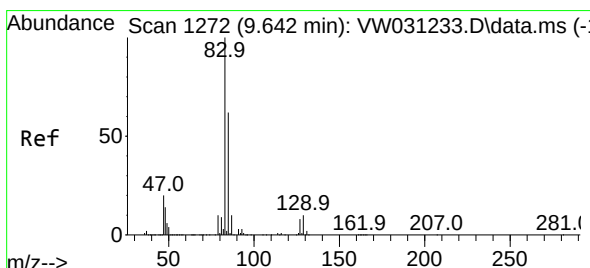
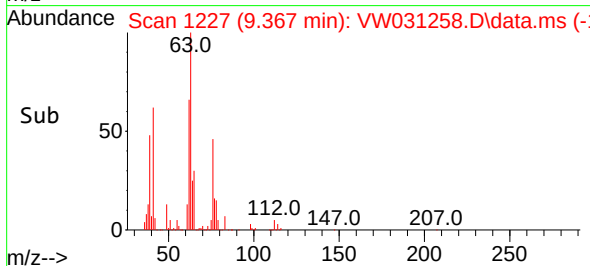
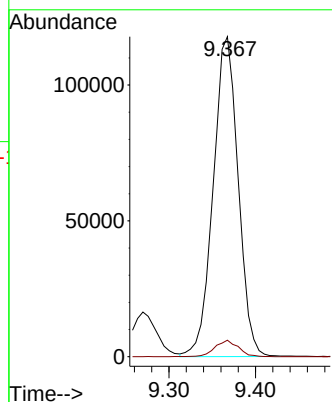
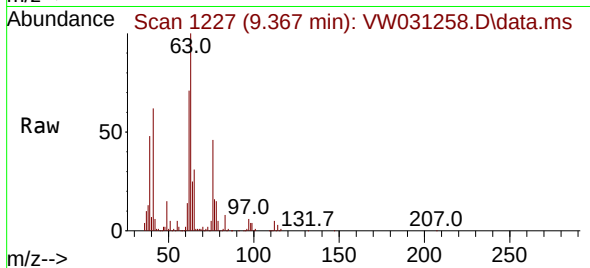
ClientSampleId :

Tgt Ion: 63 Resp: 235821

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 25.384 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031258.D

Acq: 16 Dec 2024 08:40

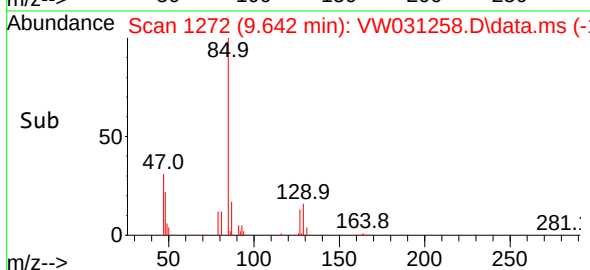
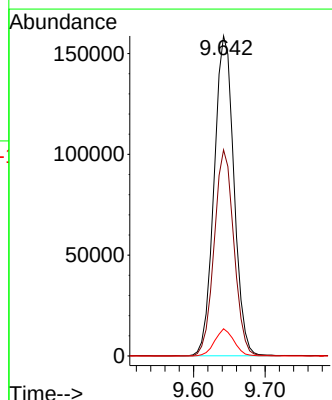
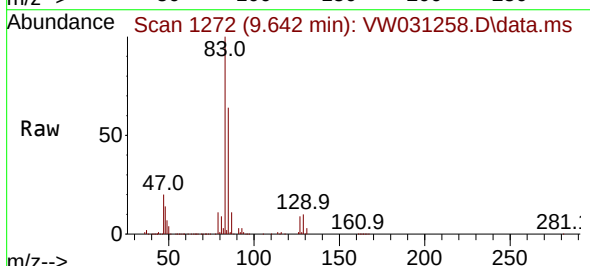
Tgt Ion: 83 Resp: 305397

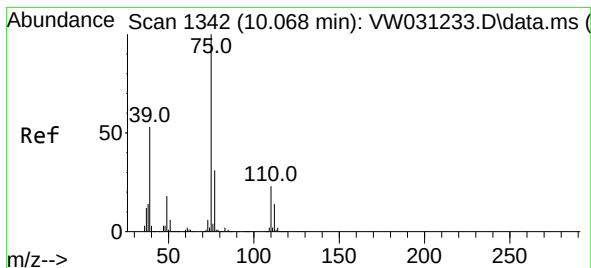
Ion Ratio Lower Upper

83 100

85 64.4 46.5 86.5

127 8.5 6.2 9.4

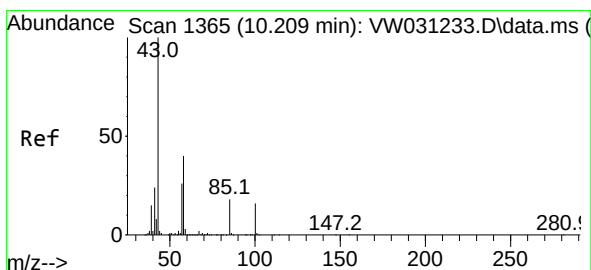
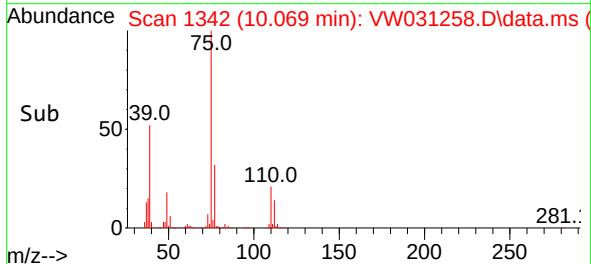
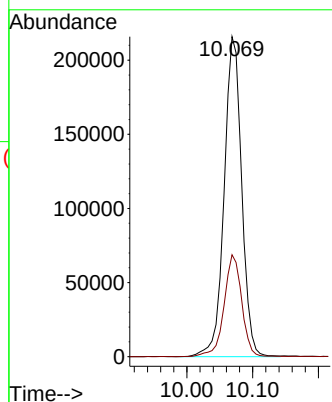
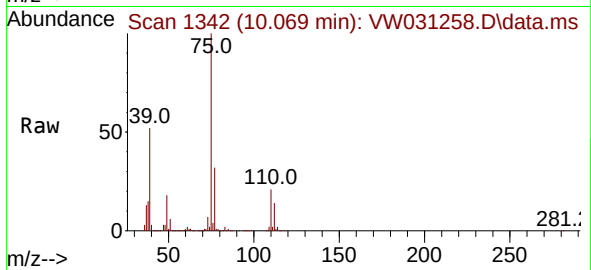




#39
 cis-1,3-Dichloropropene
 Concen: 25.630 ug/L
 RT: 10.069 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW031258.D
 Acq: 16 Dec 2024 08:40

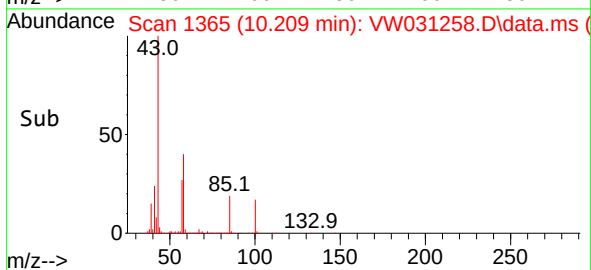
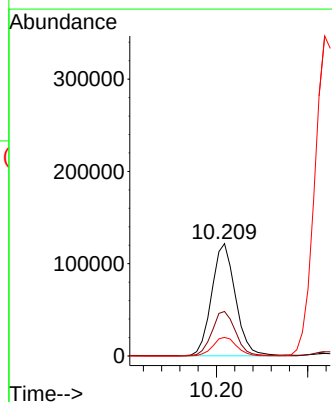
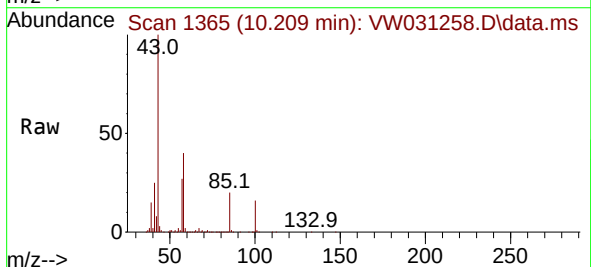
Instrument :
 MSVOA_W
 ClientSampleId :

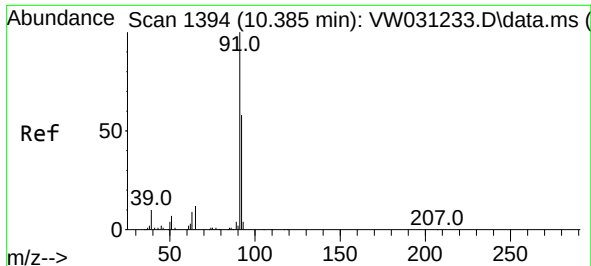
Tgt Ion: 75 Resp: 400815
 Ion Ratio Lower Upper
 75 100
 77 31.8 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 44.657 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW031258.D
 Acq: 16 Dec 2024 08:40

Tgt Ion: 43 Resp: 219263
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.1 46.7
 100 16.7 13.0 19.6

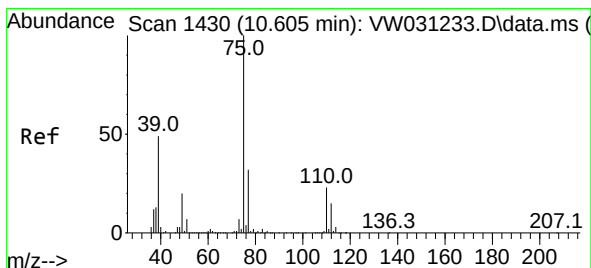
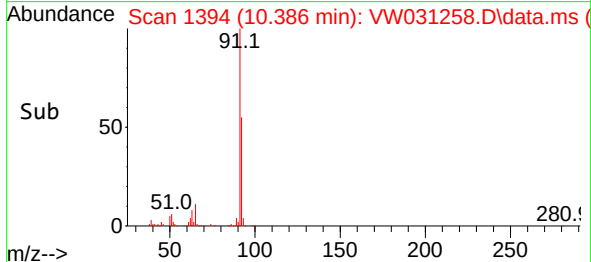
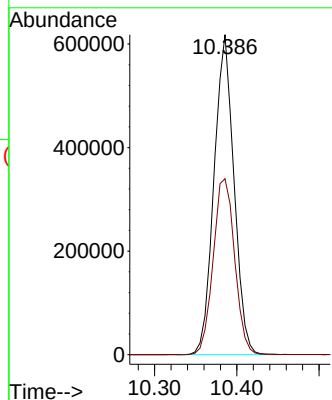
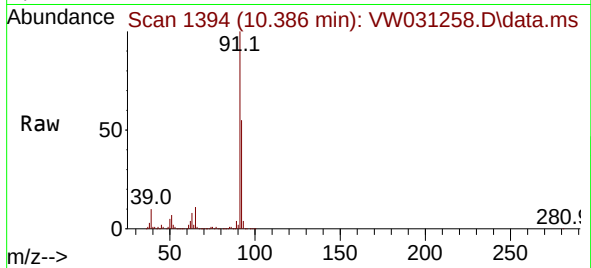




#42
Toluene
Concen: 25.768 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW031258.D
Acq: 16 Dec 2024 08:40

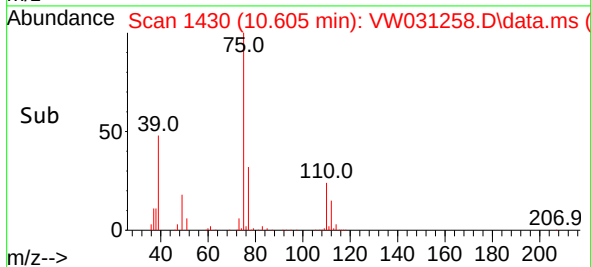
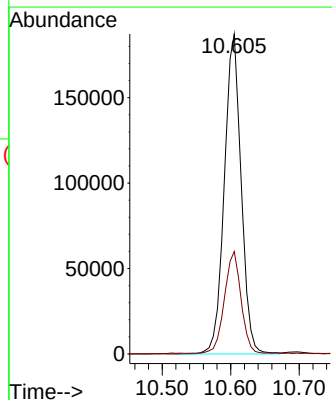
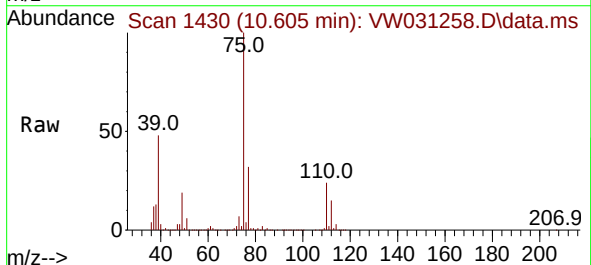
Instrument :
MSVOA_W
ClientSampleId :

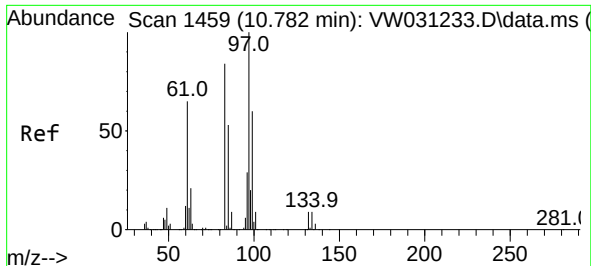
Tgt Ion: 91 Resp: 1040771
Ion Ratio Lower Upper
91 100
92 55.0 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 24.968 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW031258.D
Acq: 16 Dec 2024 08:40

Tgt Ion: 75 Resp: 318821
Ion Ratio Lower Upper
75 100
77 32.0 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 24.682 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

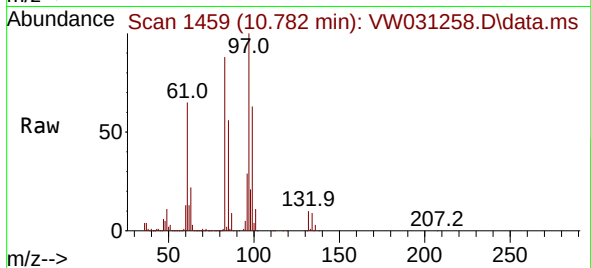
Lab File: VW031258.D

Acq: 16 Dec 2024 08:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 151936

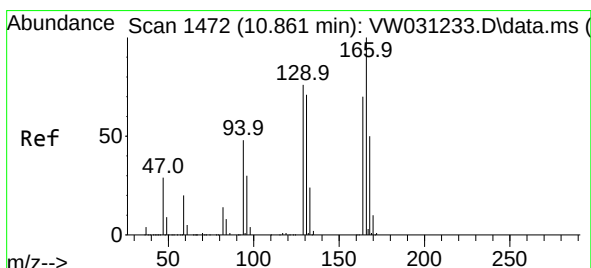
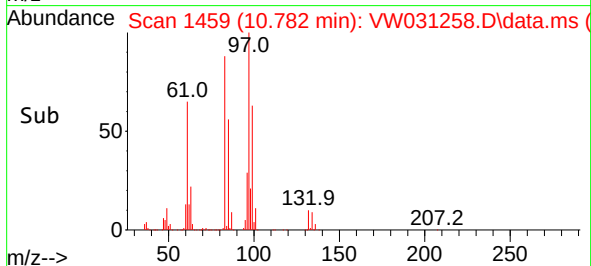
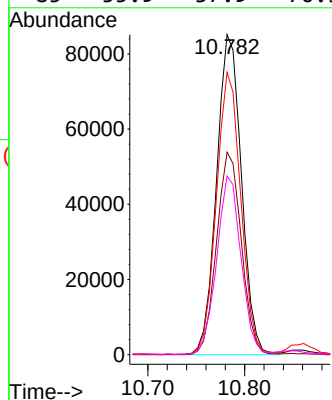
Ion Ratio Lower Upper

97 100

99 63.3 43.0 80.0

83 88.2 56.4 104.7

85 55.9 37.9 70.3



#46

Tetrachloroethene

Concen: 25.275 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW031258.D

Acq: 16 Dec 2024 08:40

Tgt Ion:164 Resp: 193903

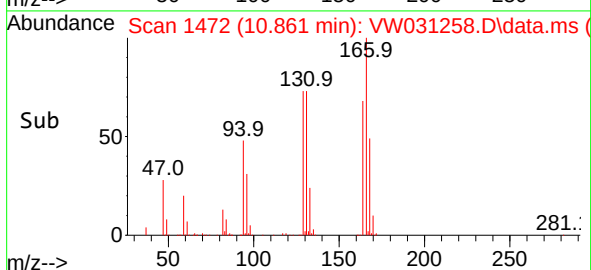
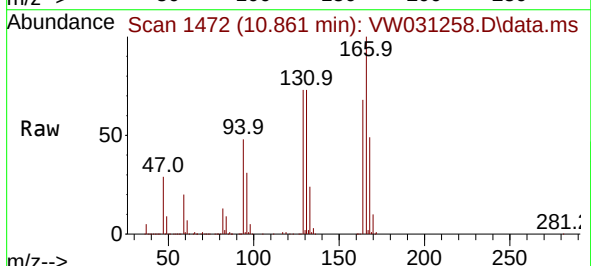
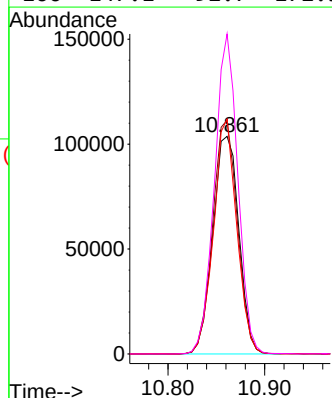
Ion Ratio Lower Upper

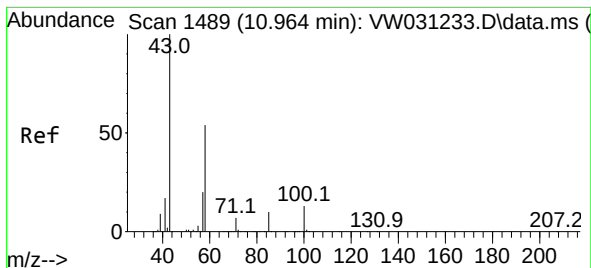
164 100

129 107.5 73.5 136.5

131 107.9 66.6 123.8

166 147.1 92.7 172.3





#48

2-Hexanone

Concen: 48.996 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW031258.D

Acq: 16 Dec 2024 08:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 204600

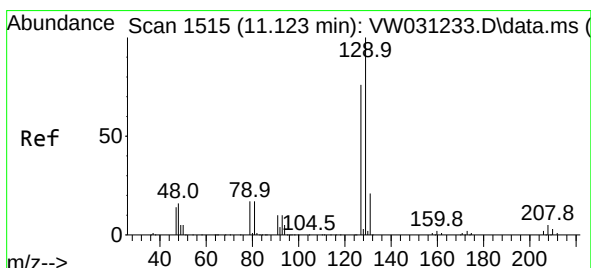
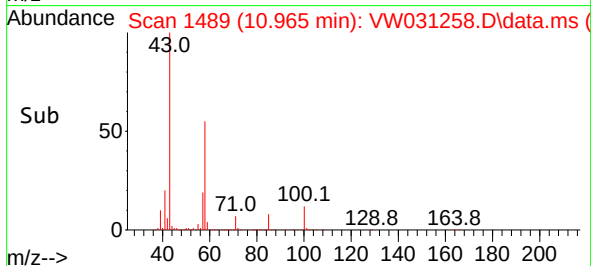
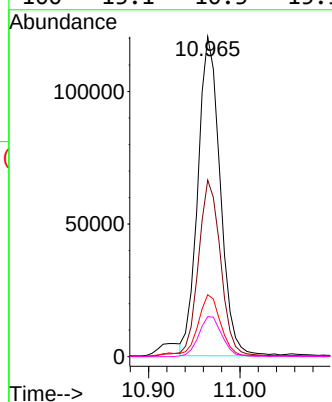
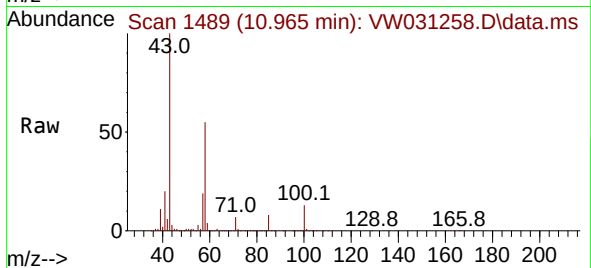
Ion Ratio Lower Upper

43 100

58 54.3 43.0 64.6

57 19.4 15.7 23.5

100 13.1 10.3 15.5



#49

Dibromochloromethane

Concen: 25.056 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW031258.D

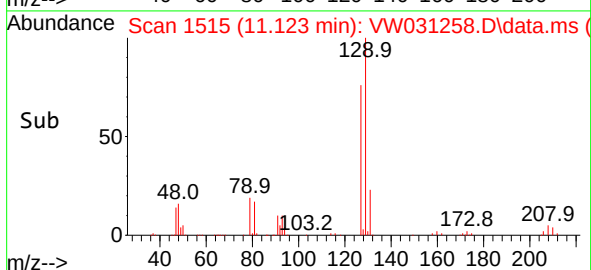
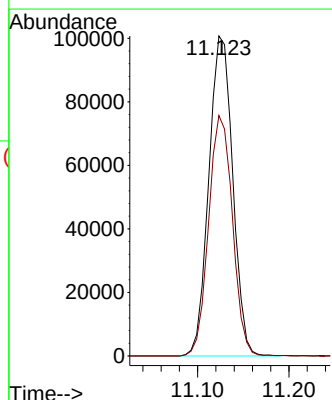
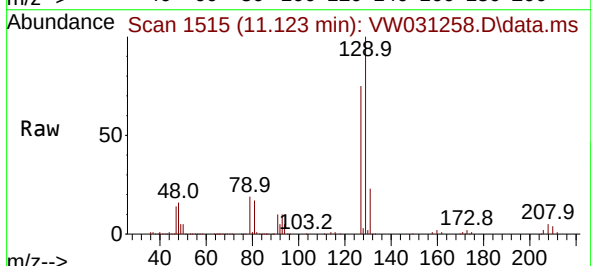
Acq: 16 Dec 2024 08:40

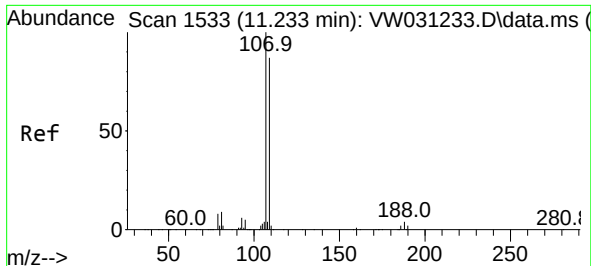
Tgt Ion: 129 Resp: 182829

Ion Ratio Lower Upper

129 100

127 75.1 57.6 107.0





#50

1,2-Dibromoethane

Concen: 24.470 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

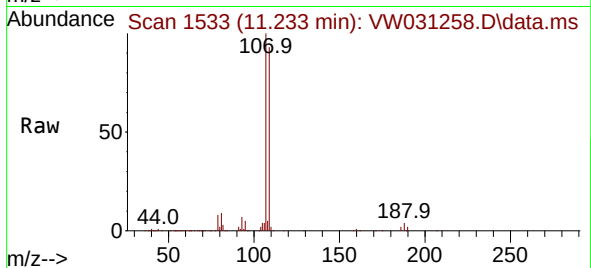
Lab File: VW031258.D

Acq: 16 Dec 2024 08:40

Instrument :

MSVOA_W

ClientSampleId :



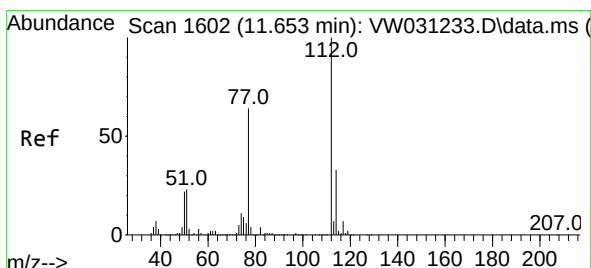
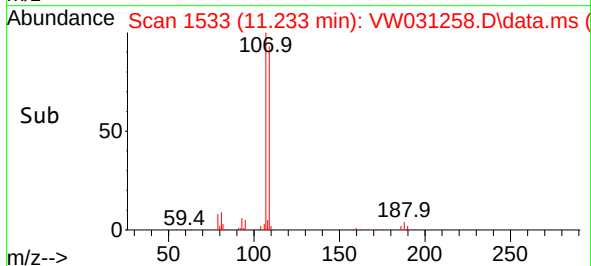
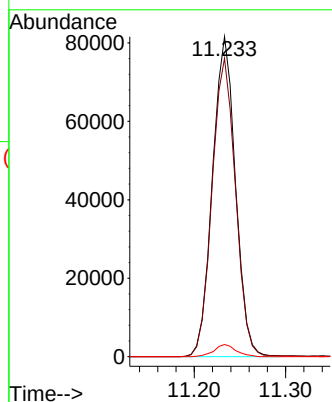
Tgt Ion:107 Resp: 142690

Ion Ratio Lower Upper

107 100

109 93.3 63.2 117.4

188 3.8 2.6 4.0



#51

Chlorobenzene

Concen: 25.829 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW031258.D

Acq: 16 Dec 2024 08:40

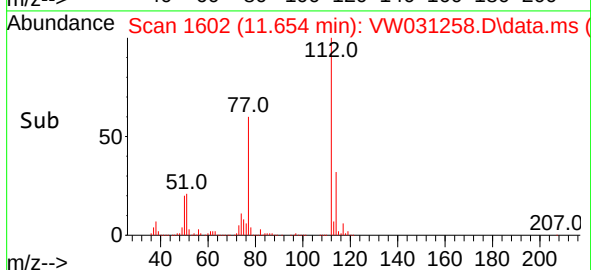
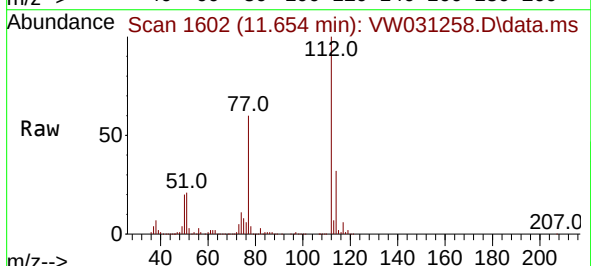
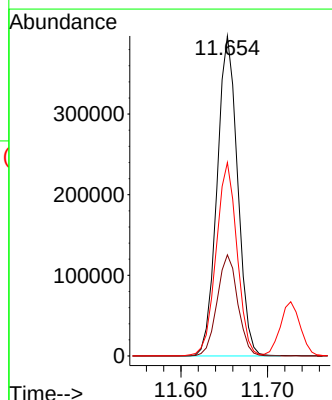
Tgt Ion:112 Resp: 654099

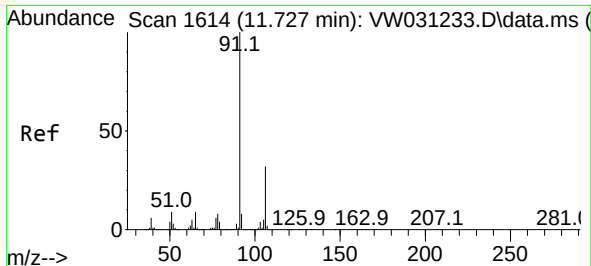
Ion Ratio Lower Upper

112 100

114 31.6 22.7 42.3

77 60.5 50.2 75.4

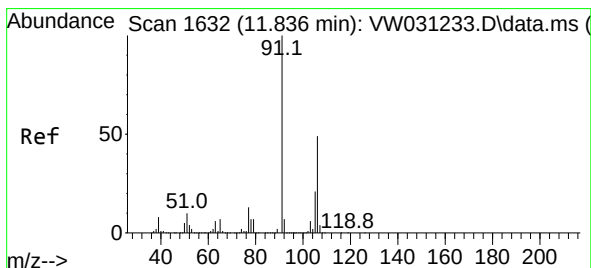
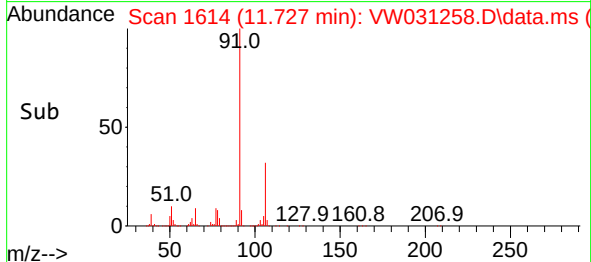
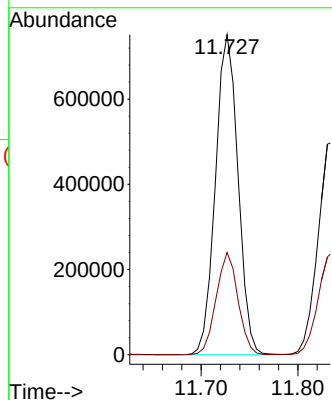
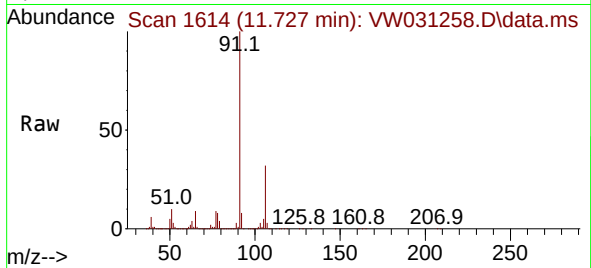




#52
Ethylbenzene
Concen: 25.963 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031258.D
Acq: 16 Dec 2024 08:40

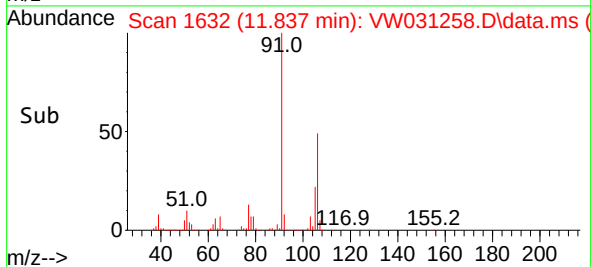
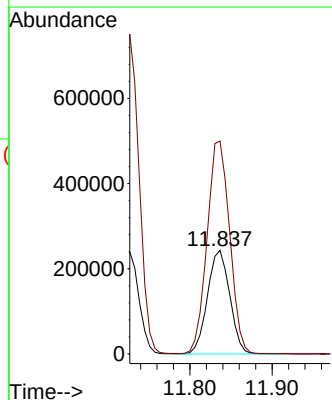
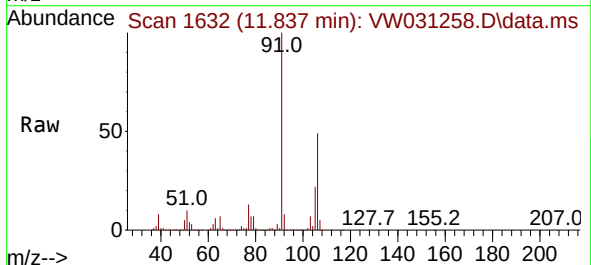
Instrument :
MSVOA_W
ClientSampleId :

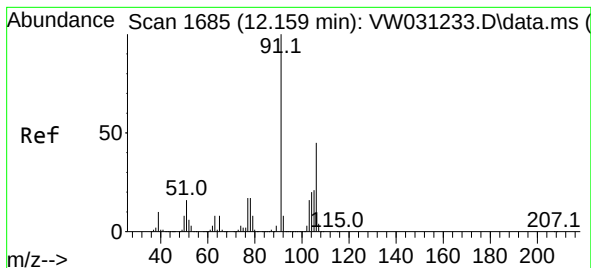
Tgt Ion: 91 Resp: 1215346
Ion Ratio Lower Upper
91 100
106 32.0 20.7 38.5



#53
m,p-Xylene
Concen: 25.734 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031258.D
Acq: 16 Dec 2024 08:40

Tgt Ion:106 Resp: 458576
Ion Ratio Lower Upper
106 100
91 205.7 139.9 259.7





#54

o-Xylene

Concen: 25.800 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031258.D

Acq: 16 Dec 2024 08:40

Instrument :

MSVOA_W

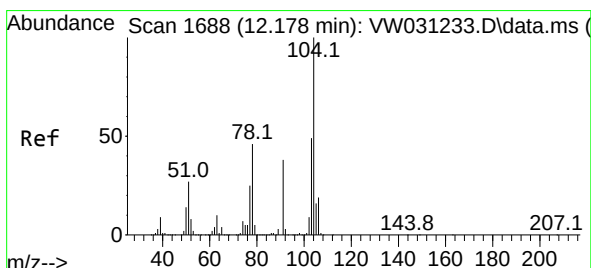
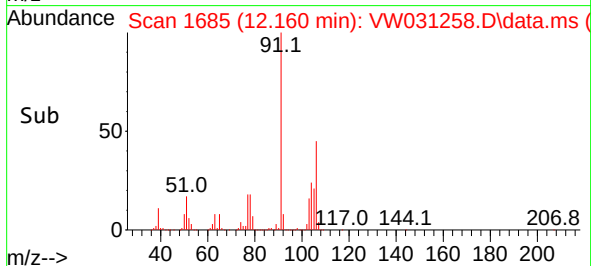
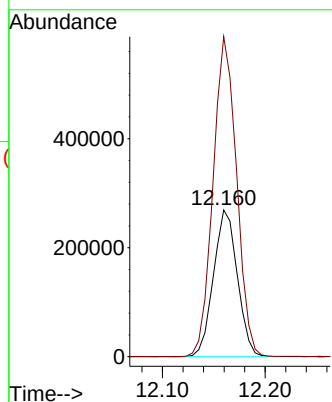
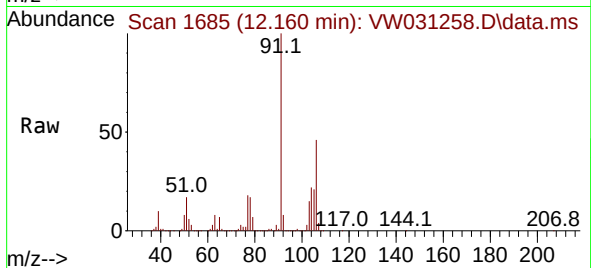
ClientSampleId :

Tgt Ion:106 Resp: 433309

Ion Ratio Lower Upper

106 100

91 218.1 153.1 284.3



#55

Styrene

Concen: 25.271 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031258.D

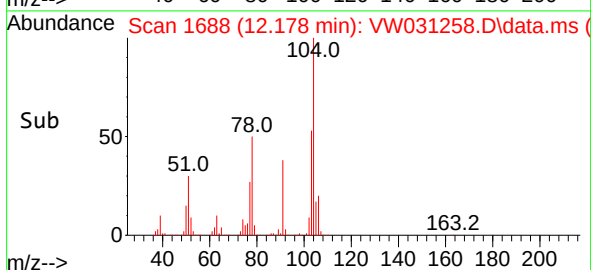
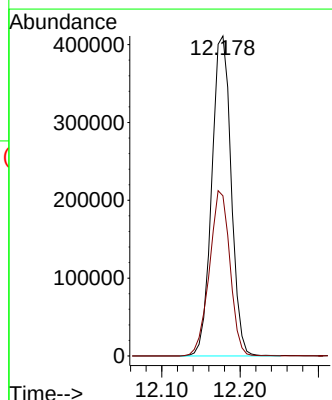
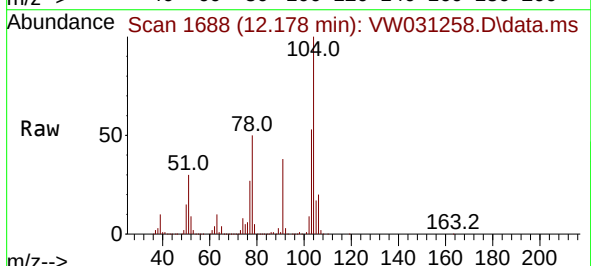
Acq: 16 Dec 2024 08:40

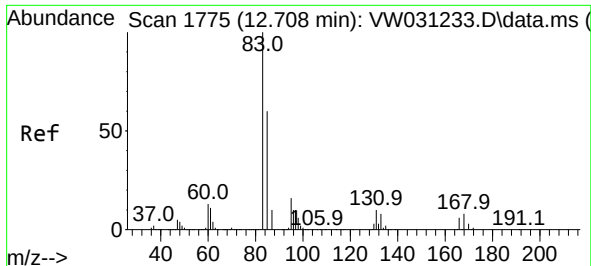
Tgt Ion:104 Resp: 705960

Ion Ratio Lower Upper

104 100

78 50.1 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 24.236 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031258.D

Acq: 16 Dec 2024 08:40

Instrument :

MSVOA_W

ClientSampleId :

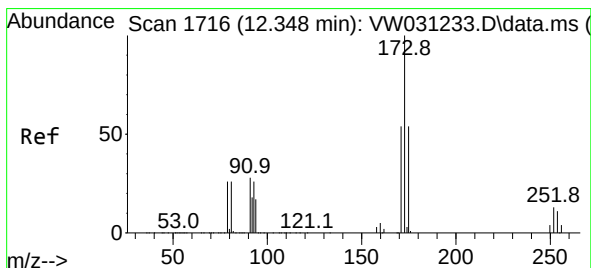
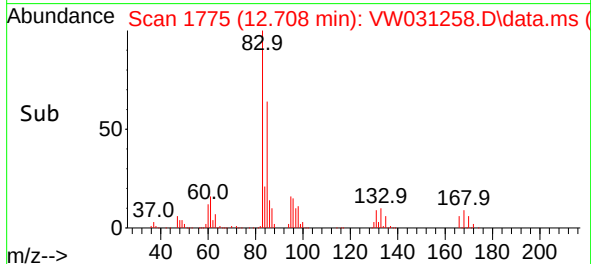
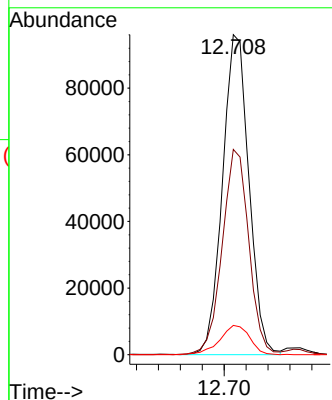
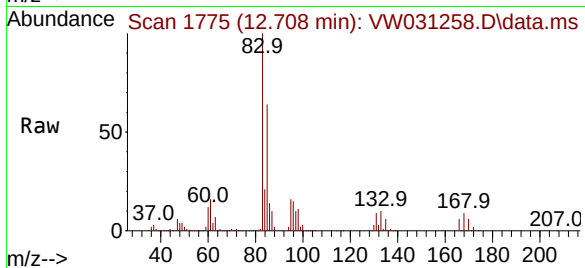
Tgt Ion: 83 Resp: 160825

Ion Ratio Lower Upper

83 100

85 64.1 44.1 81.9

131 9.2 7.9 11.9



#59

Bromoform

Concen: 23.484 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW031258.D

Acq: 16 Dec 2024 08:40

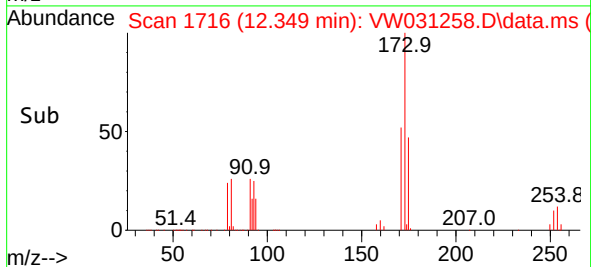
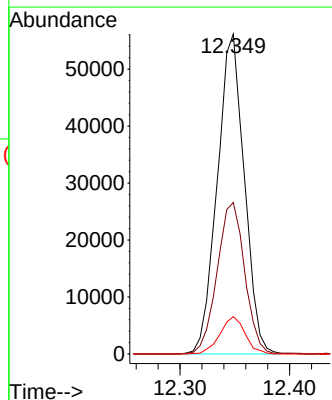
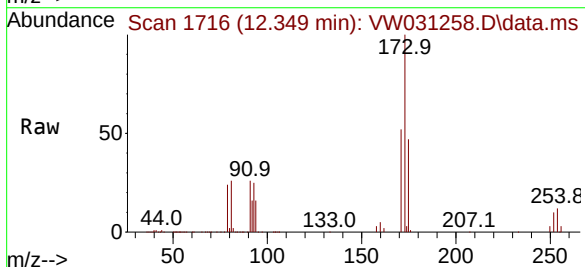
Tgt Ion:173 Resp: 96185

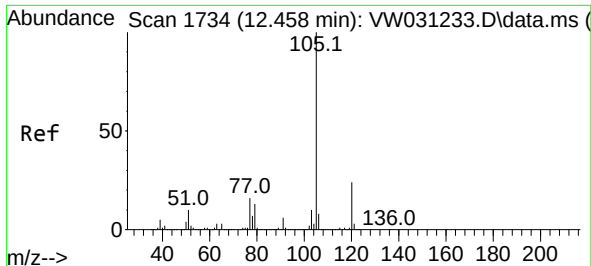
Ion Ratio Lower Upper

173 100

175 48.3 38.6 57.8

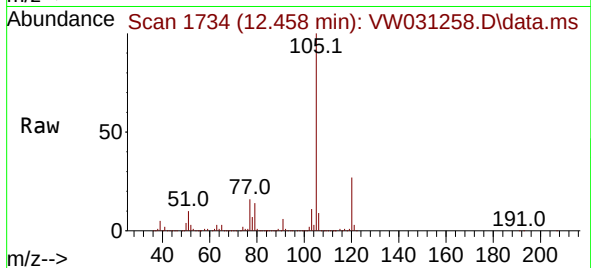
254 10.9 7.6 11.4



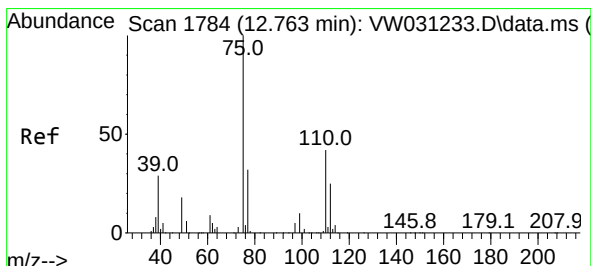
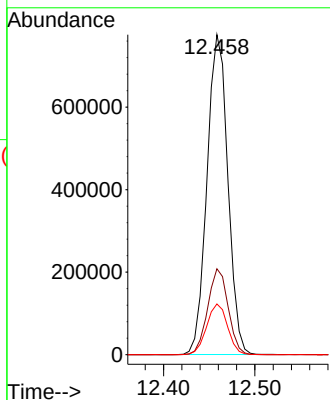
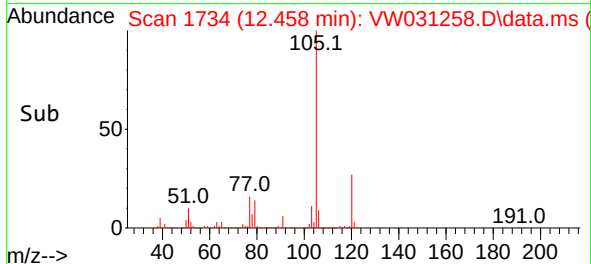


#60
Isopropylbenzene
Concen: 25.713 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW031258.D
Acq: 16 Dec 2024 08:40

Instrument :
MSVOA_W
ClientSampleId :

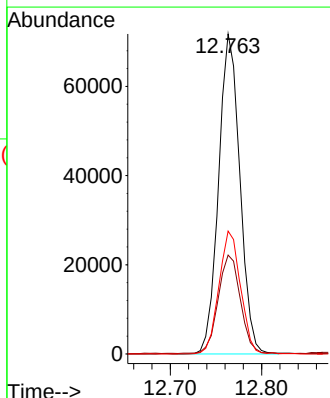
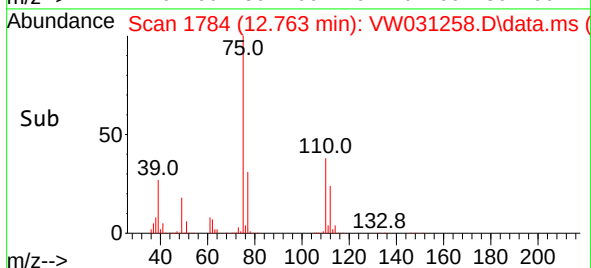
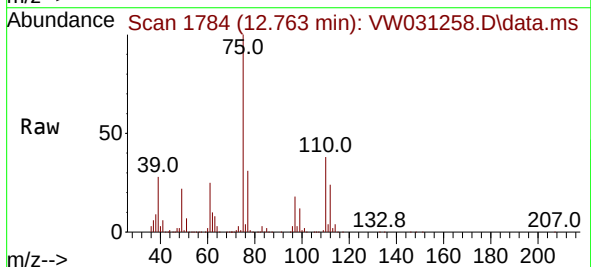


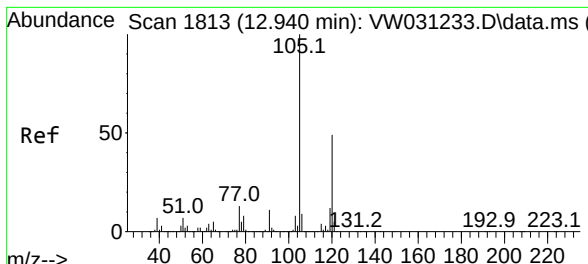
Tgt Ion:105 Resp: 1226809
Ion Ratio Lower Upper
105 100
120 26.3 20.6 31.0
77 15.9 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 23.304 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031258.D
Acq: 16 Dec 2024 08:40

Tgt Ion: 75 Resp: 116261
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
110 38.8 31.2 46.8

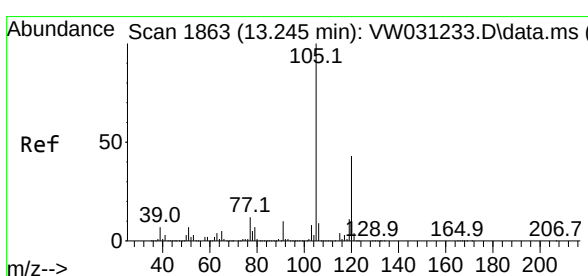
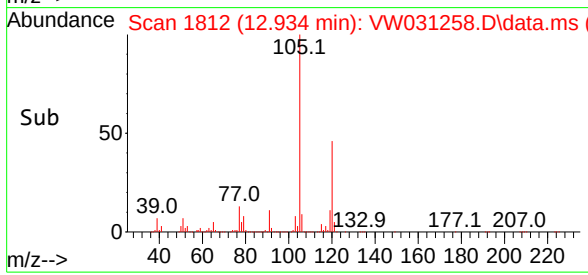
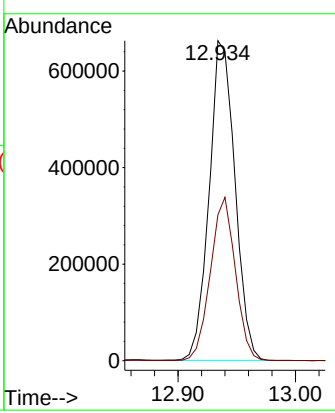
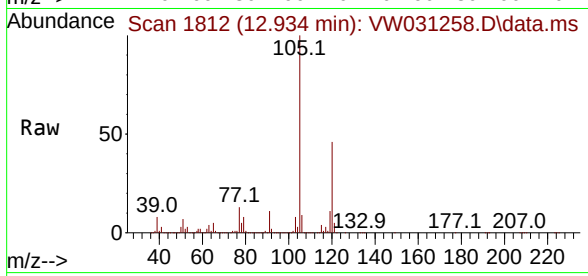




#62
1,3,5-Trimethylbenzene
Concen: 24.984 ug/L
RT: 12.934 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VW031258.D
Acq: 16 Dec 2024 08:40

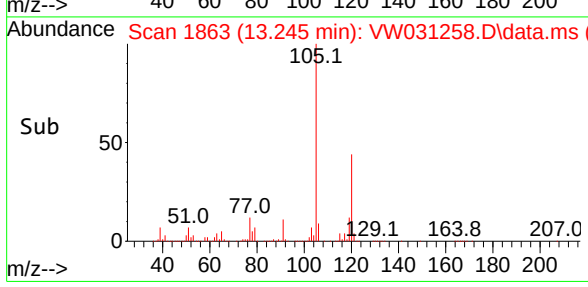
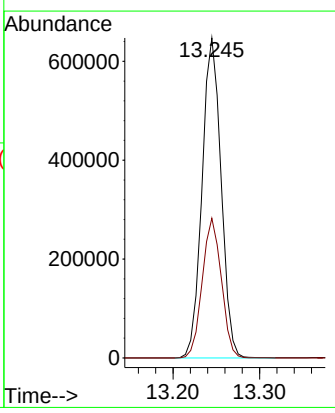
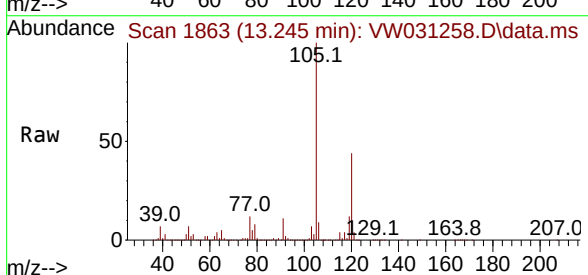
Instrument :
MSVOA_W
ClientSampleId :

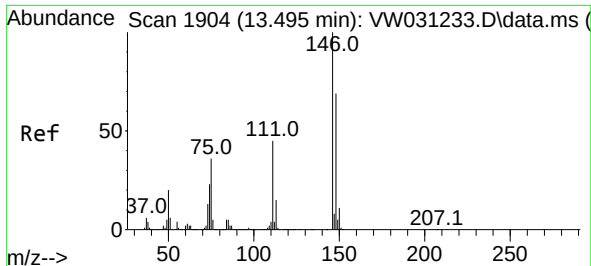
Tgt Ion:105 Resp: 1010613
Ion Ratio Lower Upper
105 100
120 49.5 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 25.259 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031258.D
Acq: 16 Dec 2024 08:40

Tgt Ion:105 Resp: 987522
Ion Ratio Lower Upper
105 100
120 43.8 35.0 52.4

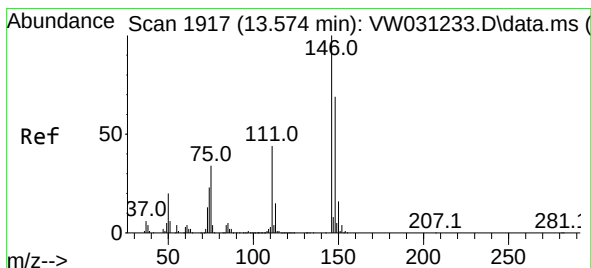
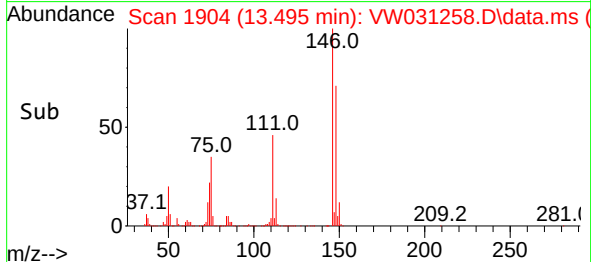
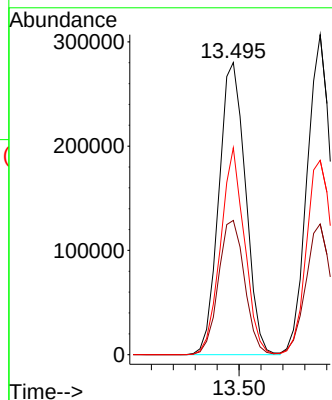
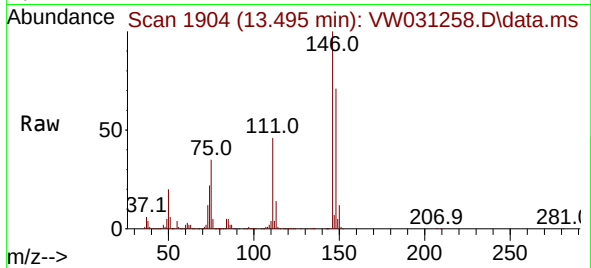




#64
1,3-Dichlorobenzene
Concen: 24.490 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031258.D
Acq: 16 Dec 2024 08:40

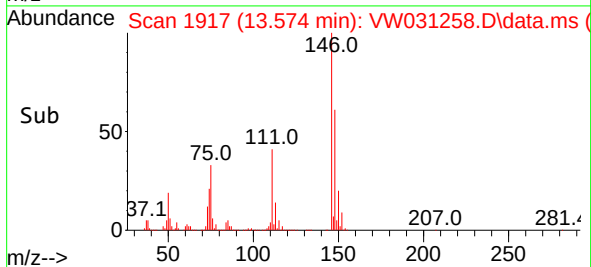
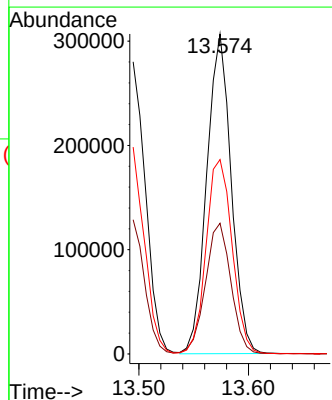
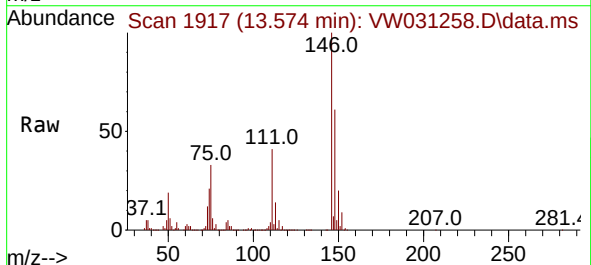
Instrument :
MSVOA_W
ClientSampleId :

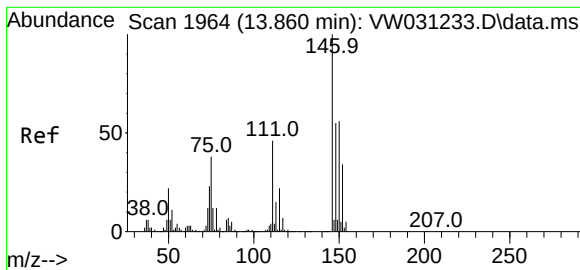
Tgt Ion:146 Resp: 473399
Ion Ratio Lower Upper
146 100
111 45.9 27.6 51.2
148 70.8 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 24.829 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031258.D
Acq: 16 Dec 2024 08:40

Tgt Ion:146 Resp: 475549
Ion Ratio Lower Upper
146 100
111 40.9 30.7 56.9
148 60.8 46.5 86.3

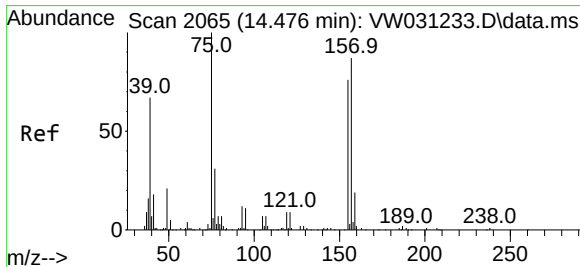
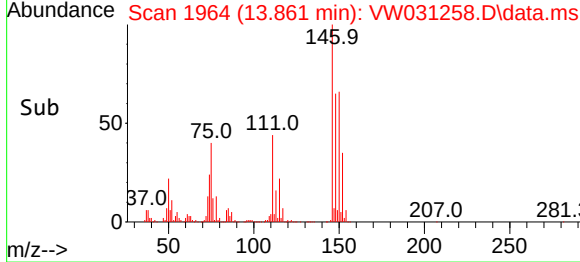
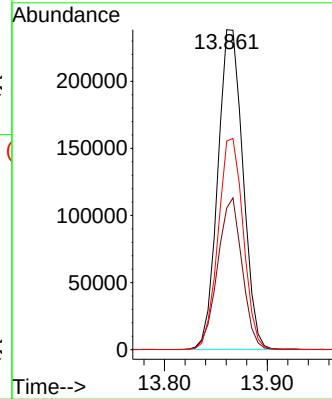
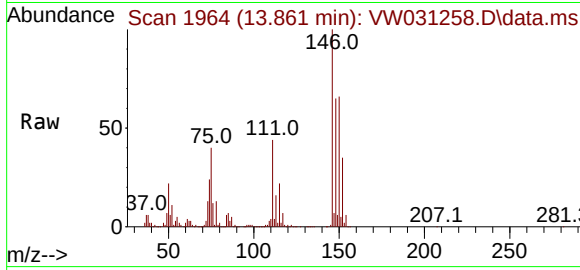




#67
 1,2-Dichlorobenzene
 Concen: 24.324 ug/L
 RT: 13.861 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VW031258.D
 Acq: 16 Dec 2024 08:40

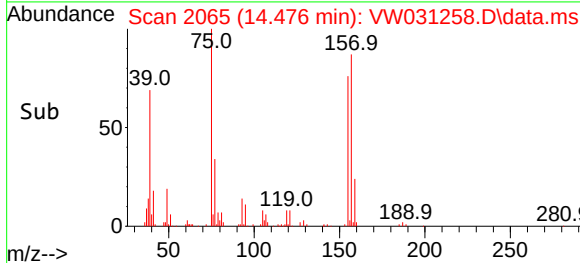
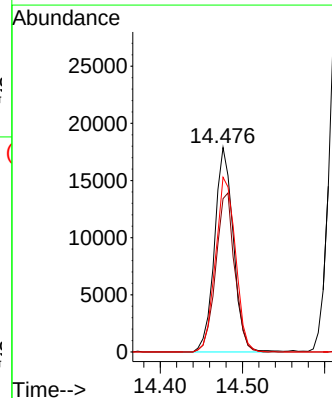
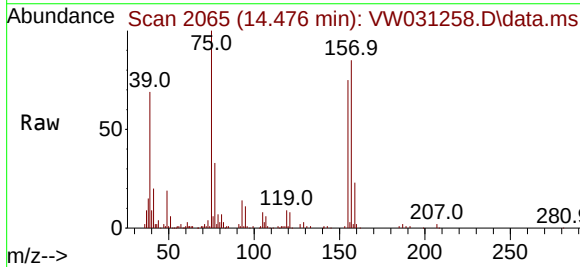
Instrument :
 MSVOA_W
 ClientSampleId :

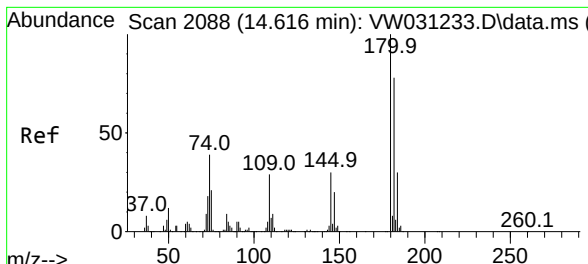
Tgt Ion:	146	Resp:	405130
Ion	Ratio	Lower	Upper
146	100		
111	44.3	38.6	58.0
148	65.2	53.6	80.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 22.437 ug/L
 RT: 14.476 min Scan# 2065
 Delta R.T. 0.000 min
 Lab File: VW031258.D
 Acq: 16 Dec 2024 08:40

Tgt Ion:	75	Resp:	28407
Ion	Ratio	Lower	Upper
75	100		
155	75.0	56.6	85.0
157	85.4	71.2	106.8

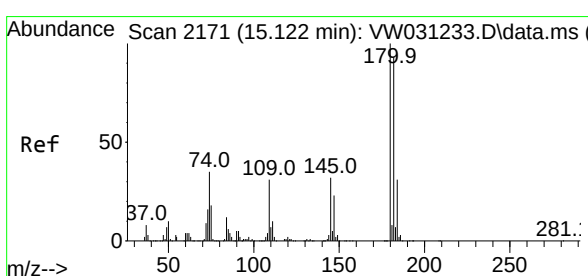
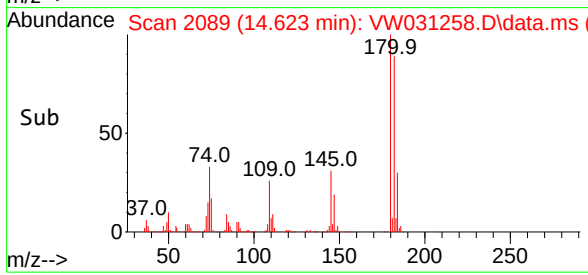
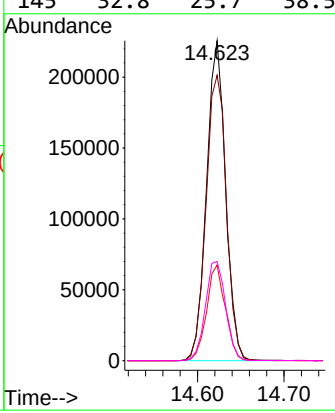
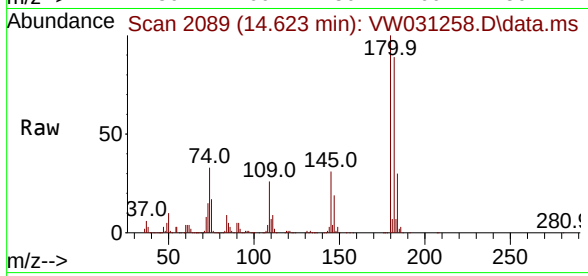




#69
 1,3,5-Trichlorobenzene
 Concen: 25.484 ug/L
 RT: 14.623 min Scan# 2088
 Delta R.T. 0.006 min
 Lab File: VW031258.D
 Acq: 16 Dec 2024 08:40

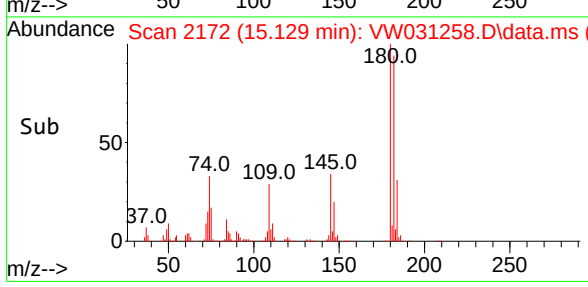
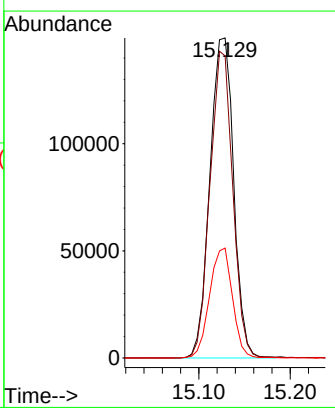
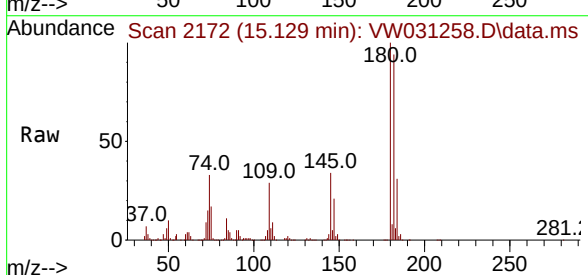
Instrument :
 MSVOA_W
 ClientSampleId :

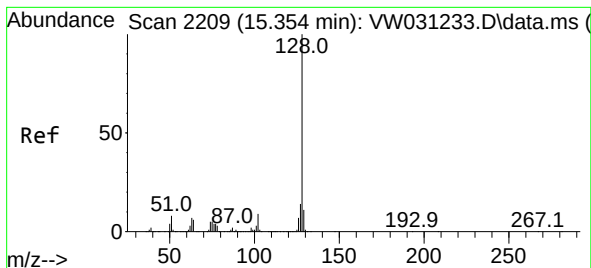
Tgt Ion:	180	Resp:	345019
Ion Ratio	Lower	Upper	
180	100		
182	95.4	75.0	112.4
184	29.6	24.6	36.8
145	32.8	25.7	38.5



#70
 1,2,4-trichlorobenzene
 Concen: 23.962 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.006 min
 Lab File: VW031258.D
 Acq: 16 Dec 2024 08:40

Tgt Ion:	180	Resp:	269860
Ion Ratio	Lower	Upper	
180	100		
182	92.0	78.2	117.2
145	33.0	26.7	40.1





#71

Naphthalene

Concen: 22.642 ug/L

RT: 15.354 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VW031258.D

Acq: 16 Dec 2024 08:40

Instrument :

MSVOA_W

ClientSampleId :

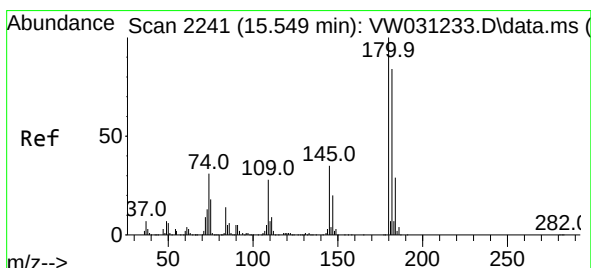
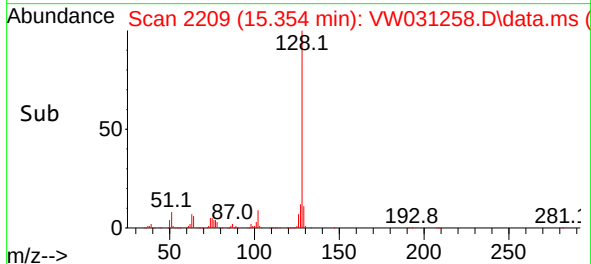
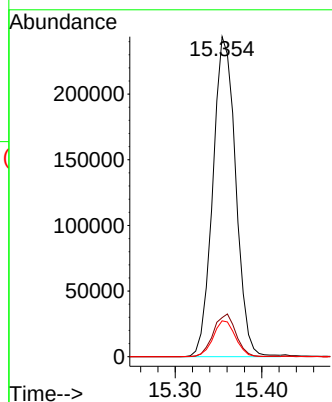
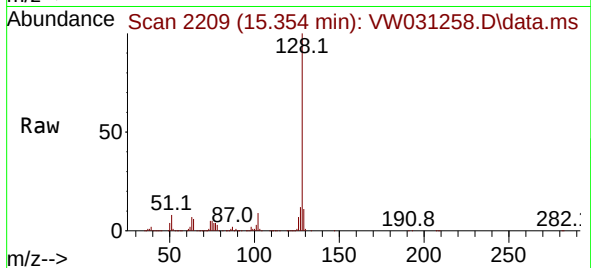
Tgt Ion:128 Resp: 447050

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 11.0 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 24.370 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031258.D

Acq: 16 Dec 2024 08:40

Tgt Ion:180 Resp: 221128

Ion Ratio Lower Upper

180 100

182 93.8 75.0 112.4

145 33.9 27.8 41.6

