

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120924\
 Data File : VW031177.D
 Acq On : 09 Dec 2024 21:27
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 8.48g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 10 01:17:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 10 01:12:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	253103	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.629	117	235063	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	111735	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	72727	18.672	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.680%
7) Chloroethane-d5	2.893	69	63807	21.115	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.440%
11) 1,1-Dichloroethene-d2	4.015	65	35122	19.764	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.040%
21) 2-Butanone-d5	7.100	46	42683	62.660	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.320%
24) Chloroform-d	7.648	84	179613	24.229	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.920%
26) 1,2-Dichloroethane-d4	8.307	65	103916	28.488	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.960%
32) Benzene-d6	8.270	84	331009	22.911	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.640%
36) 1,2-Dichloropropane-d6	9.270	67	110306	26.065	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.240%
41) Toluene-d8	10.319	98	304949	23.389	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.560%
43) trans-1,3-Dichloroprop...	10.575	79	43237	25.377	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.520%
47) 2-Hexanone-d5	10.922	63	32701	65.954	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.900%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	84722	29.664	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	93410	23.537	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.160%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.009	85	56456	17.663	ug/L	98
3) Chloromethane	2.216	50	76772	20.366	ug/L	97
5) Vinyl chloride	2.369	62	81586	18.017	ug/L	97
6) Bromomethane	2.783	94	55058	19.121	ug/L	96
8) Chloroethane	2.936	64	53193	19.639	ug/L	98
9) Trichlorofluoromethane	3.259	101	84880	17.815	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	68797	19.006	ug/L	# 79
13) Acetone	4.173	43	39242	31.998	ug/L	58
14) Carbon disulfide	4.387	76	223230	18.936	ug/L	100
15) Methyl Acetate	4.685	43	33588	26.100	ug/L	93
16) Methylene chloride	4.917	84	77679	21.205	ug/L	91
17) trans-1,2-Dichloroethene	5.429	96	74253	19.433	ug/L	85
18) Methyl tert-butyl Ether	5.423	73	122367	22.891	ug/L	# 94
19) 1,1-Dichloroethane	6.210	63	158913	22.611	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	81078	20.201	ug/L	86
22) 2-Butanone	7.191	43	49410	42.870	ug/L	91
23) Bromochloromethane	7.508	128	35240	20.680	ug/L	85
25) Chloroform	7.673	83	160080	21.899	ug/L	99
27) 1,2-Dichloroethane	8.398	62	114134	25.349	ug/L	95

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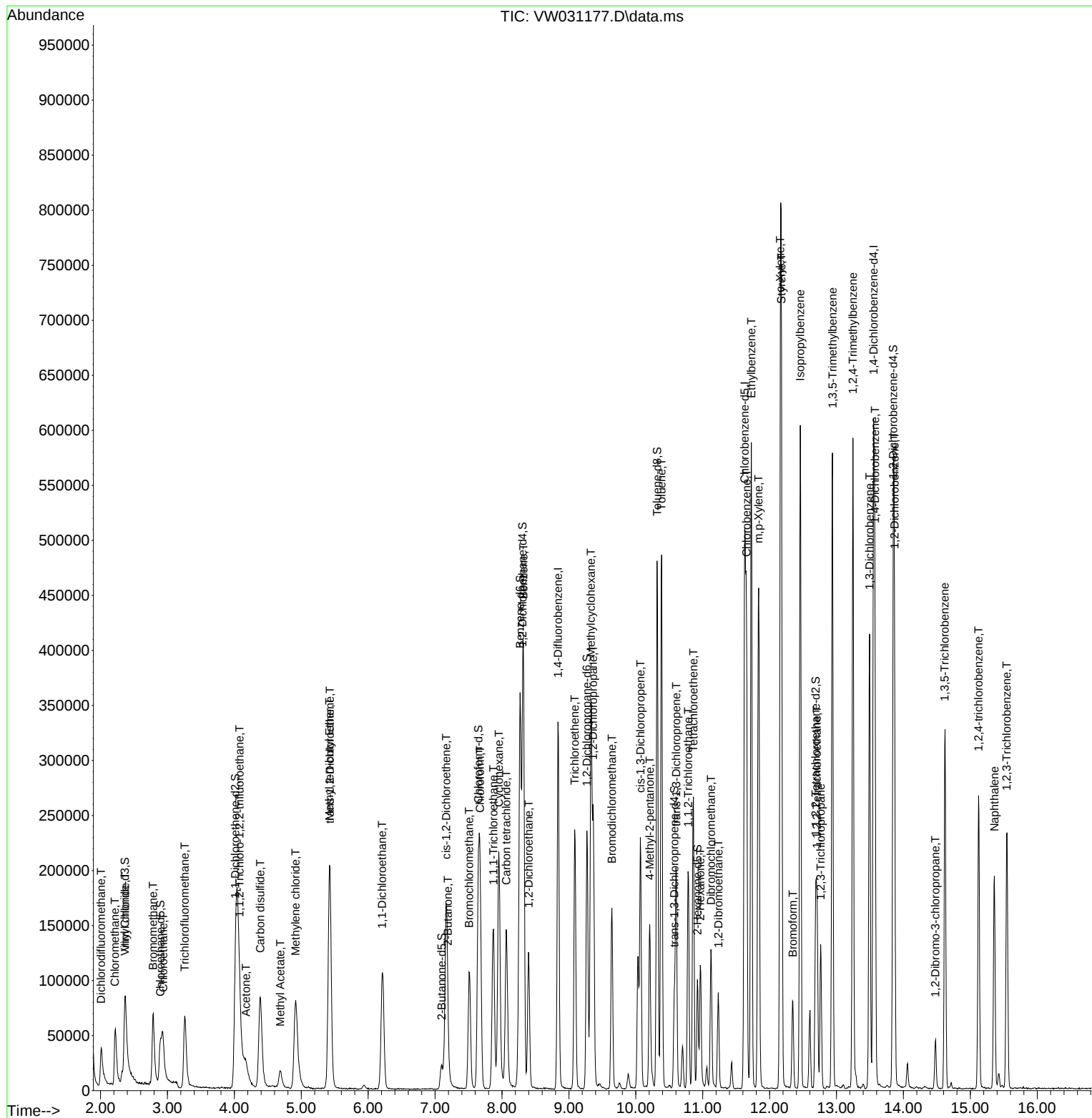
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	121938	20.609	ug/L	91
30) 1,1,1-Trichloroethane	7.874	97	119745	18.912	ug/L	95
31) Carbon tetrachloride	8.063	117	107864	18.643	ug/L	98
33) Benzene	8.319	78	336249	21.153	ug/L	100
34) Trichloroethene	9.087	95	84282	19.222	ug/L	91
35) Methylcyclohexane	9.331	83	131614	18.863	ug/L	90
37) 1,2-Dichloropropane	9.361	63	90719	22.942	ug/L #	97
38) Bromodichloromethane	9.642	83	112215	21.680	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	134787	22.577	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	101810	57.497	ug/L #	93
42) Toluene	10.386	91	347506	20.753	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	112630	22.947	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	61640	22.682	ug/L	96
46) Tetrachloroethene	10.861	164	53421	16.435	ug/L #	85
48) 2-Hexanone	10.965	43	73766	46.047	ug/L #	91
49) Dibromochloromethane	11.123	129	63939	21.358	ug/L	92
50) 1,2-Dibromoethane	11.233	107	57124	22.494	ug/L #	91
51) Chlorobenzene	11.654	112	204849	19.165	ug/L #	88
52) Ethylbenzene	11.727	91	392119	20.665	ug/L	96
53) m,p-Xylene	11.837	106	135110	19.132	ug/L	92
54) o-Xylene	12.160	106	128533	19.564	ug/L	85
55) Styrene	12.178	104	232298	21.005	ug/L	88
57) 1,1,2,2-Tetrachloroethane	12.708	83	75086	25.505	ug/L	99
59) Bromoform	12.349	173	33664	20.618	ug/L #	88
60) Isopropylbenzene	12.458	105	367757	20.388	ug/L	95
61) 1,2,3-Trichloropropane	12.763	75	55424	26.547	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	295799	20.826	ug/L	91
63) 1,2,4-Trimethylbenzene	13.245	105	299477	21.463	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	152756	19.420	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	152225	19.158	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	134638	19.567	ug/L #	89
68) 1,2-Dibromo-3-chloropr...	14.476	75	12195	26.901	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.617	180	86564	16.196	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	73381	17.509	ug/L	96
71) Naphthalene	15.360	128	152610	22.602	ug/L	97
72) 1,2,3-Trichlorobenzene	15.543	180	69035	19.244	ug/L	95

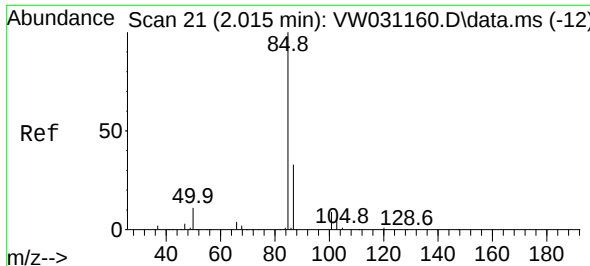
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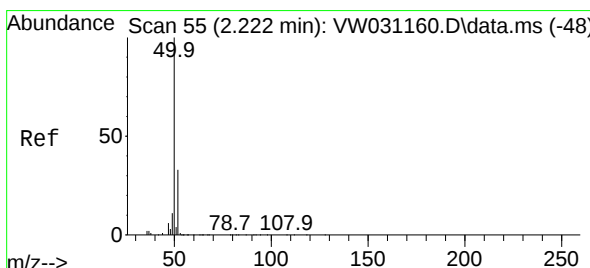
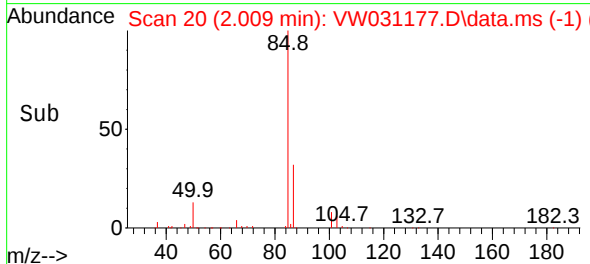
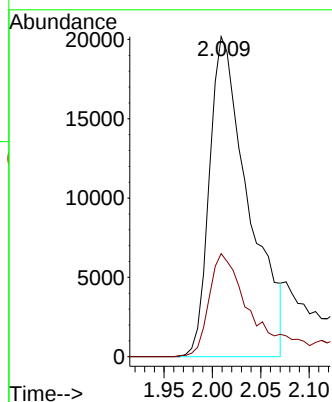
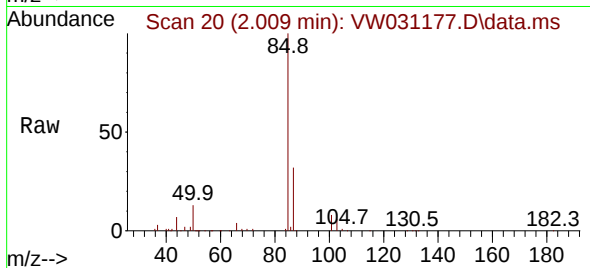




#2
Dichlorodifluoromethane
Concen: 17.663 ug/L
RT: 2.009 min Scan# 20
Delta R.T. -0.006 min
Lab File: VW031177.D
Acq: 09 Dec 2024 21:27

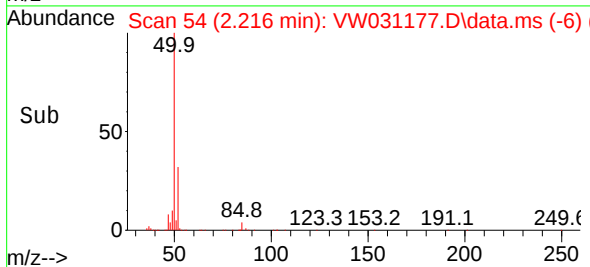
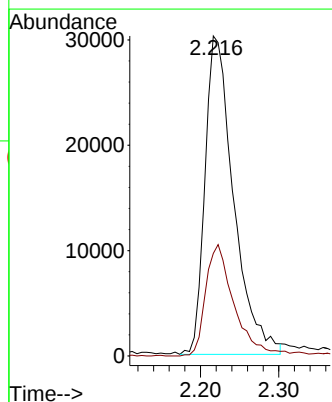
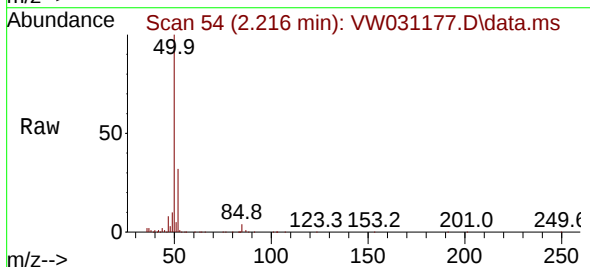
Instrument :
MSVOA_W
ClientSampleId :

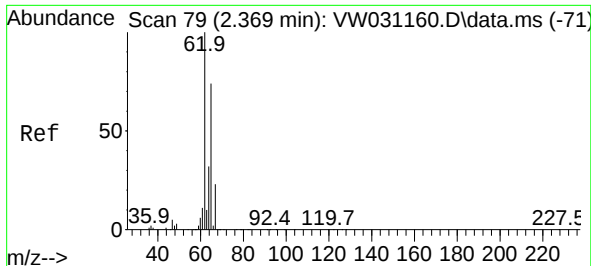
Tgt Ion: 85 Resp: 56456
Ion Ratio Lower Upper
85 100
87 30.9 23.8 35.6



#3
Chloromethane
Concen: 20.366 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW031177.D
Acq: 09 Dec 2024 21:27

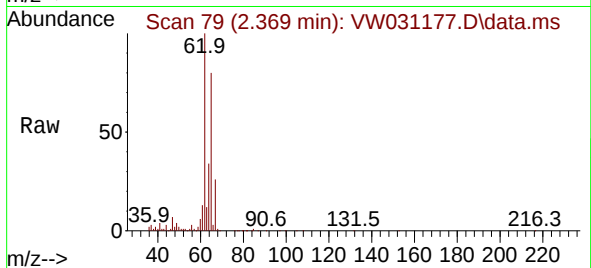
Tgt Ion: 50 Resp: 76772
Ion Ratio Lower Upper
50 100
52 32.0 23.4 43.6



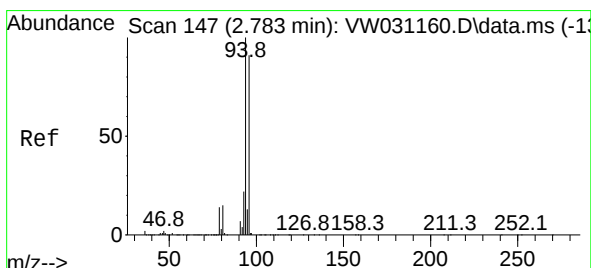
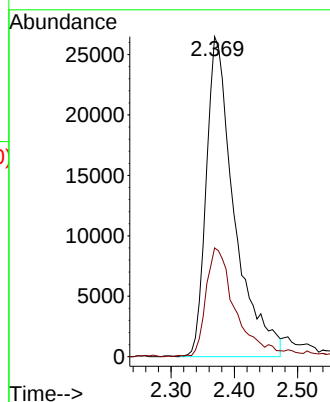
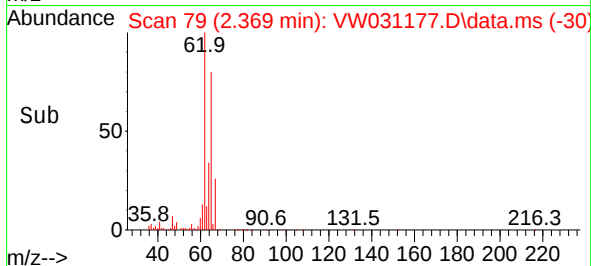


#5
 Vinyl chloride
 Concen: 18.017 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: VW031177.D
 Acq: 09 Dec 2024 21:27

Instrument :
 MSVOA_W
 ClientSampleId :

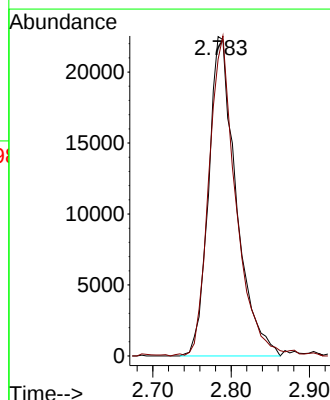
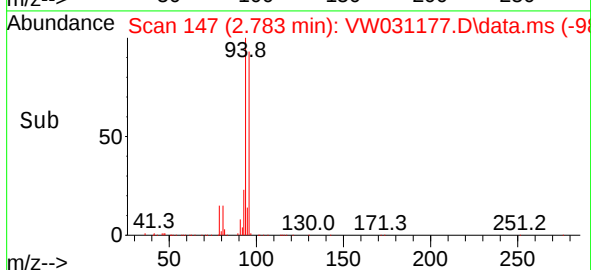
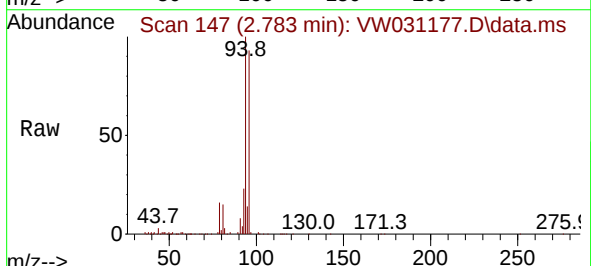


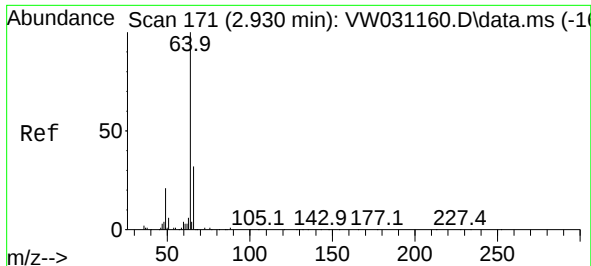
Tgt Ion: 62 Resp: 81586
 Ion Ratio Lower Upper
 62 100
 64 34.0 22.7 42.1



#6
 Bromomethane
 Concen: 19.121 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VW031177.D
 Acq: 09 Dec 2024 21:27

Tgt Ion: 94 Resp: 55058
 Ion Ratio Lower Upper
 94 100
 96 93.0 62.6 116.3

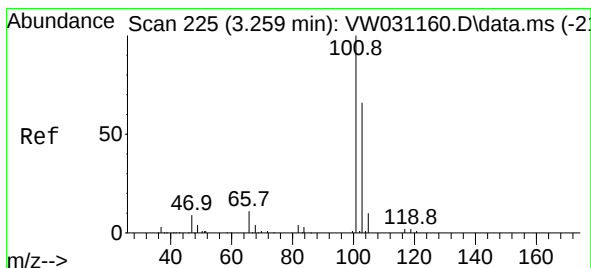
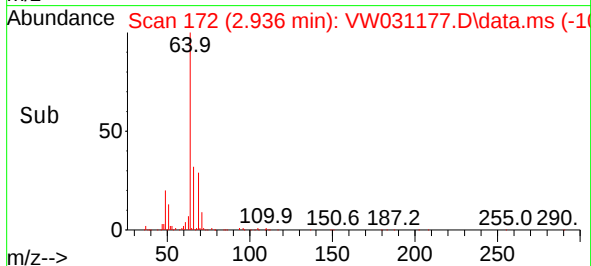
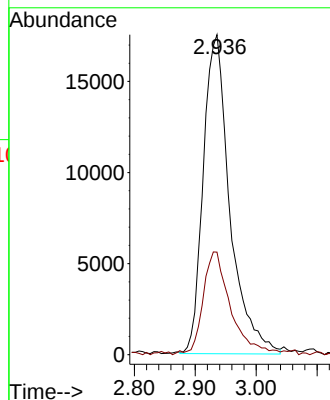
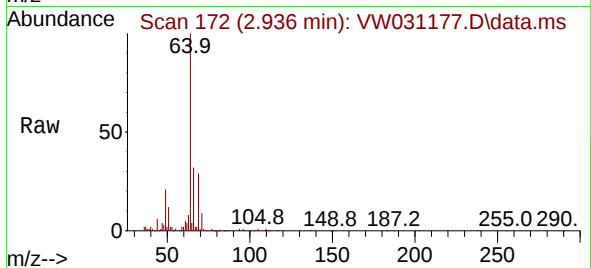




#8
Chloroethane
Concen: 19.639 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031177.D
Acq: 09 Dec 2024 21:27

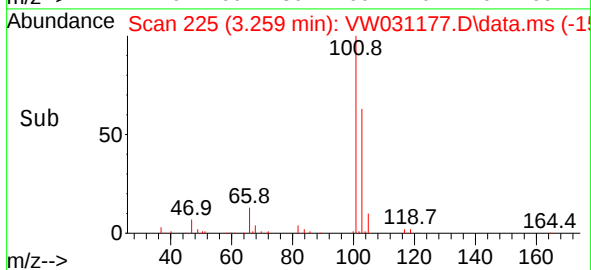
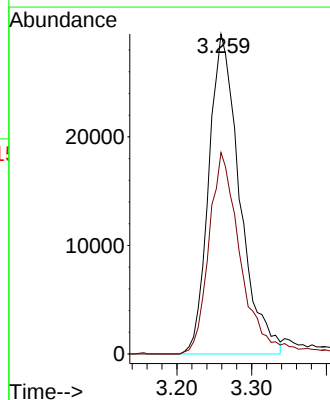
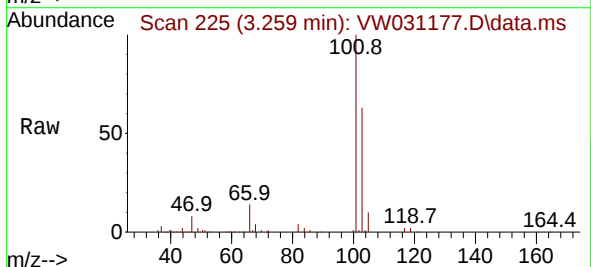
Instrument :
MSVOA_W
ClientSampleId :

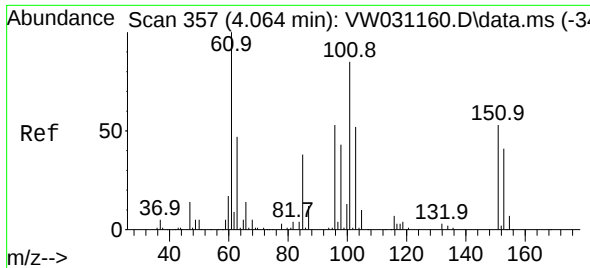
Tgt Ion: 64 Resp: 53193
Ion Ratio Lower Upper
64 100
66 32.1 23.2 43.2



#9
Trichlorofluoromethane
Concen: 17.815 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.000 min
Lab File: VW031177.D
Acq: 09 Dec 2024 21:27

Tgt Ion:101 Resp: 84880
Ion Ratio Lower Upper
101 100
103 63.6 50.7 76.1





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 19.006 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.012 min

Lab File: VW031177.D

Acq: 09 Dec 2024 21:27

Instrument :

MSVOA_W

ClientSampleId :

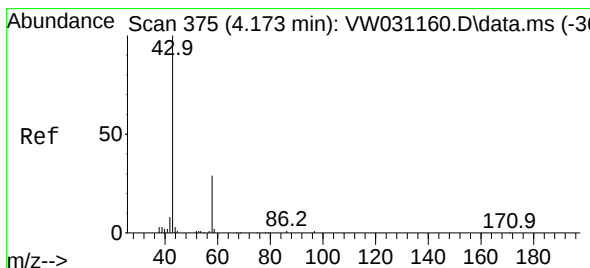
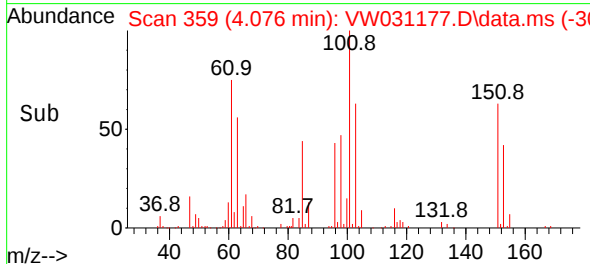
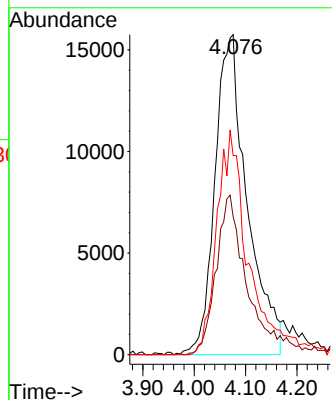
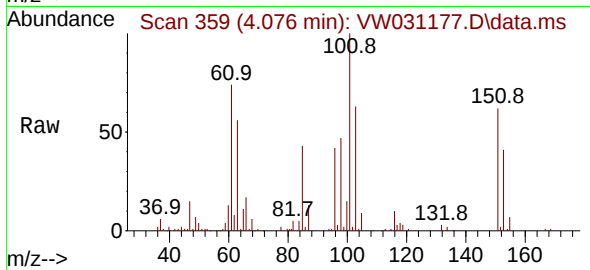
Tgt Ion:101 Resp: 68797

Ion Ratio Lower Upper

101 100

85 44.6 33.9 50.9

151 51.2 61.8 92.6#



#13

Acetone

Concen: 31.998 ug/L

RT: 4.173 min Scan# 375

Delta R.T. -0.000 min

Lab File: VW031177.D

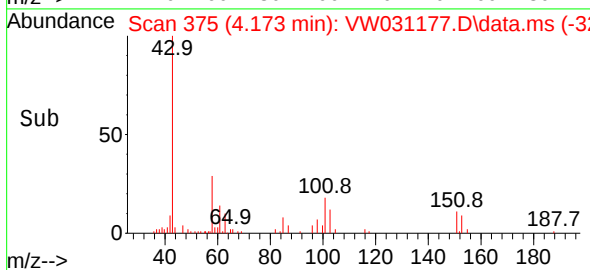
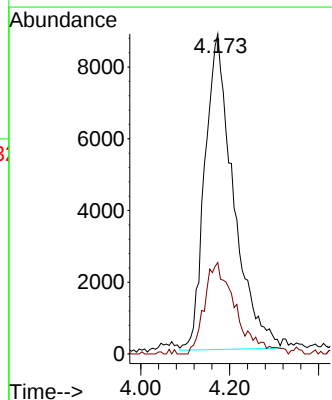
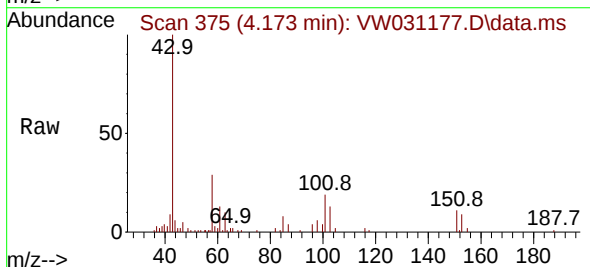
Acq: 09 Dec 2024 21:27

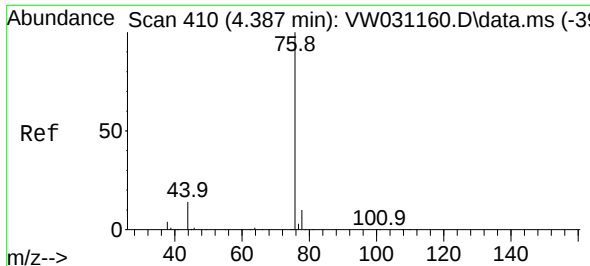
Tgt Ion: 43 Resp: 39242

Ion Ratio Lower Upper

43 100

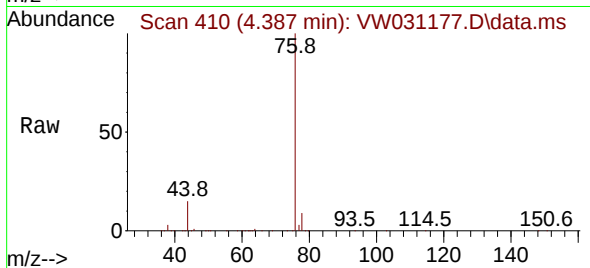
58 9.7 0.0 67.2



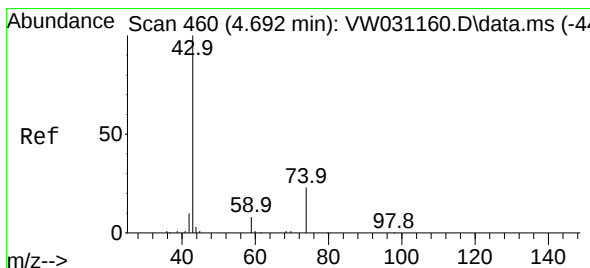
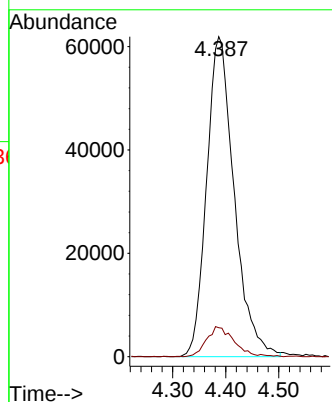
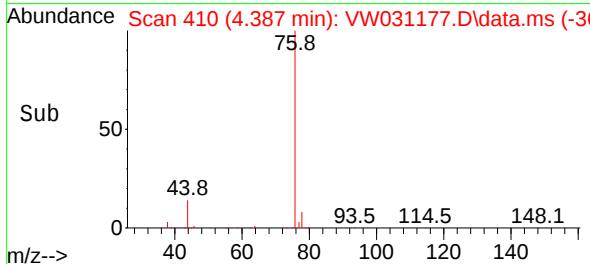


#14
Carbon disulfide
Concen: 18.936 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
Lab File: VW031177.D
Acq: 09 Dec 2024 21:27

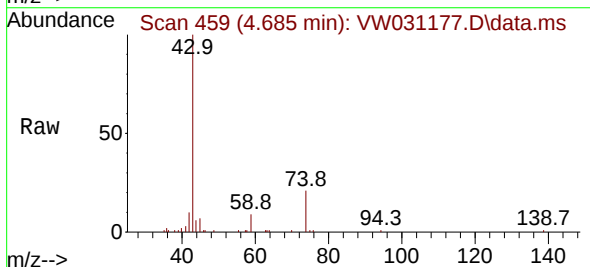
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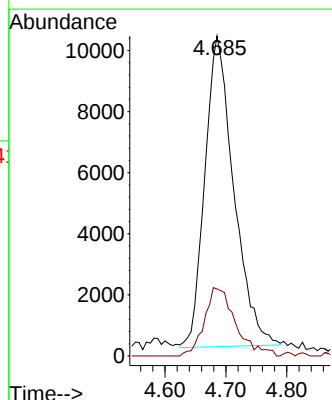
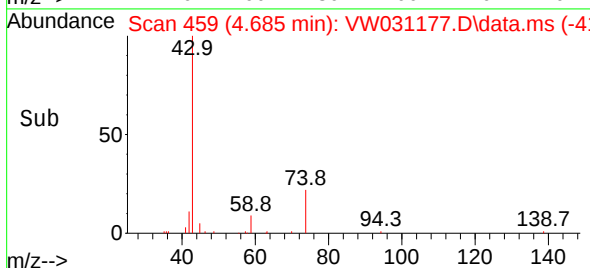
Tgt Ion: 76 Resp: 223230
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

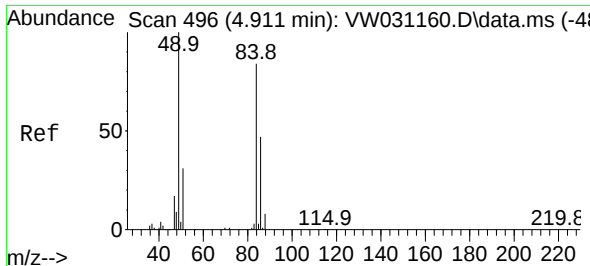


#15
Methyl Acetate
Concen: 26.100 ug/L
RT: 4.685 min Scan# 459
Delta R.T. -0.006 min
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Tgt Ion: 43 Resp: 33588
Ion Ratio Lower Upper
43 100
74 22.4 20.8 31.2

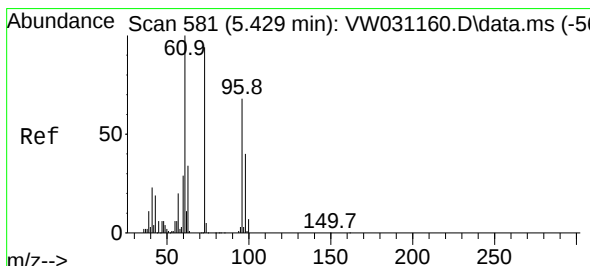
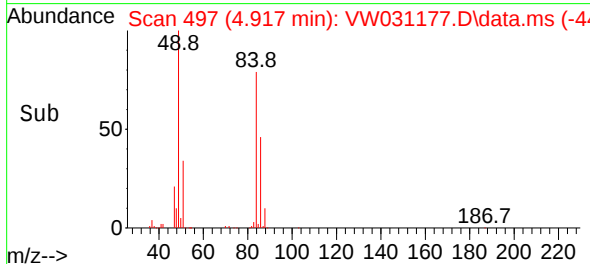
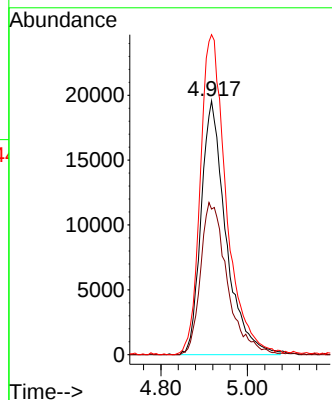
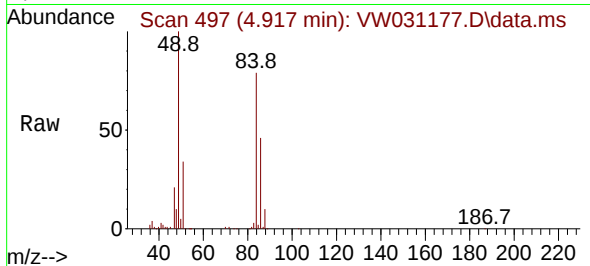




#16
Methylene chloride
Concen: 21.205 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW031177.D
Acq: 09 Dec 2024 21:27

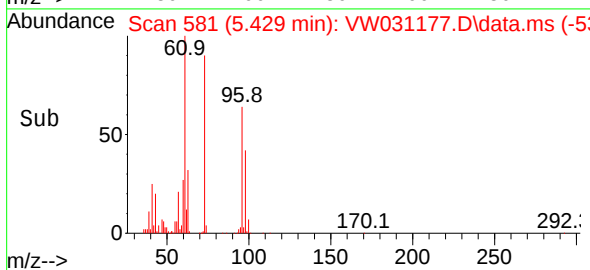
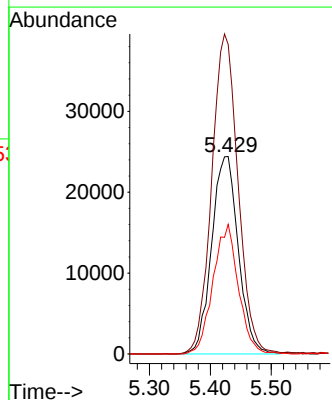
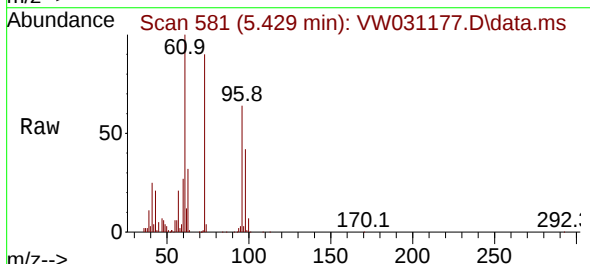
Instrument :
MSVOA_W
ClientSampleId :

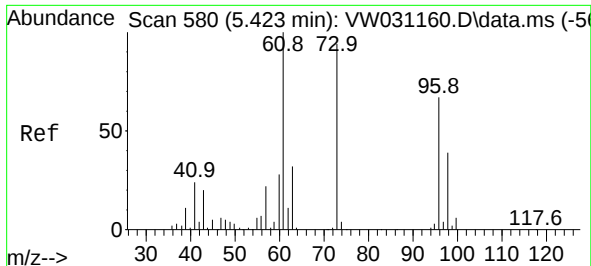
Tgt Ion: 84 Resp: 77679
Ion Ratio Lower Upper
84 100
86 55.9 44.9 83.5
49 122.9 79.9 148.5



#17
trans-1,2-Dichloroethene
Concen: 19.433 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW031177.D
Acq: 09 Dec 2024 21:27

Tgt Ion: 96 Resp: 74253
Ion Ratio Lower Upper
96 100
61 156.8 92.7 172.3
98 66.8 44.4 82.4

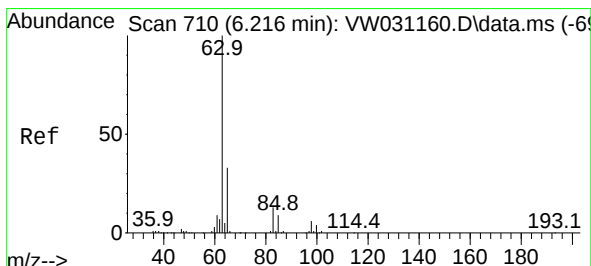
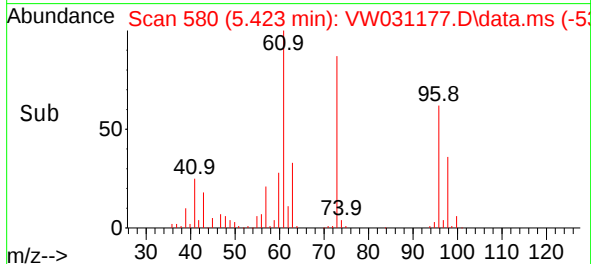
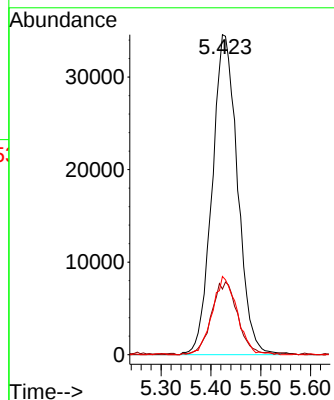
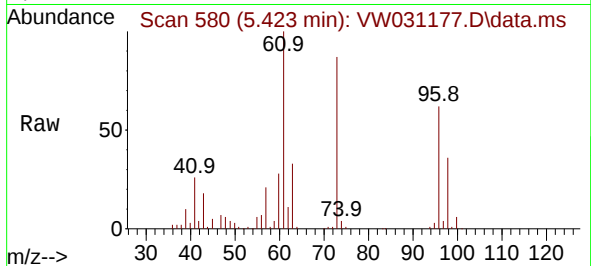




#18
Methyl tert-butyl Ether
Concen: 22.891 ug/L
RT: 5.423 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW031177.D
Acq: 09 Dec 2024 21:27

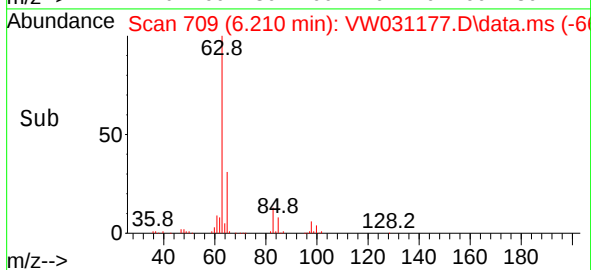
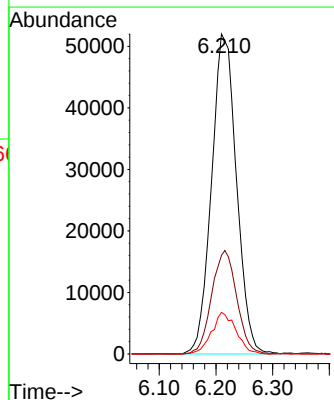
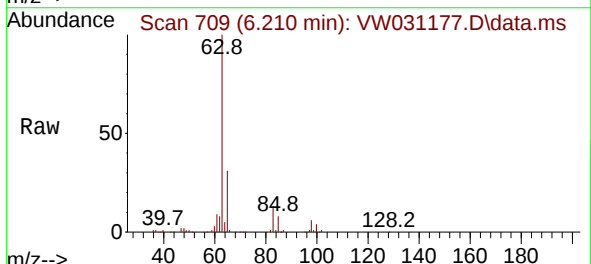
Instrument :
MSVOA_W
ClientSampled :

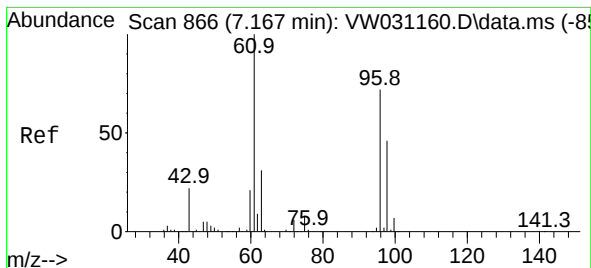
Tgt Ion: 73 Resp: 122367
Ion Ratio Lower Upper
73 100
43 23.3 15.4 23.0#
57 23.6 17.6 26.4



#19
1,1-Dichloroethane
Concen: 22.611 ug/L
RT: 6.210 min Scan# 709
Delta R.T. -0.006 min
Lab File: VW031177.D
Acq: 09 Dec 2024 21:27

Tgt Ion: 63 Resp: 158913
Ion Ratio Lower Upper
63 100
65 30.8 21.7 40.3
83 13.0 8.9 16.5





#20

cis-1,2-Dichloroethene

Concen: 20.201 ug/L

RT: 7.167 min Scan# 810

Delta R.T. -0.000 min

Lab File: VW031177.D

Acq: 09 Dec 2024 21:27

Instrument :

MSVOA_W

ClientSampleId :

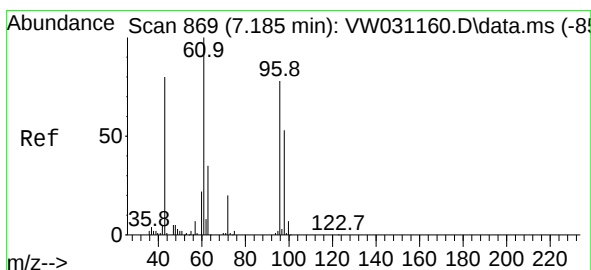
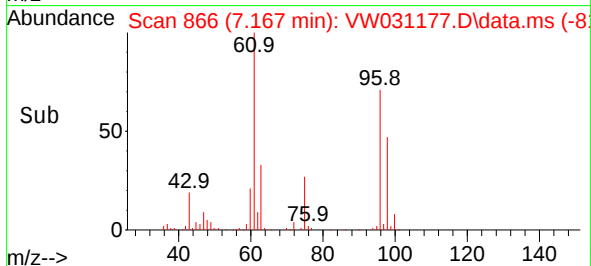
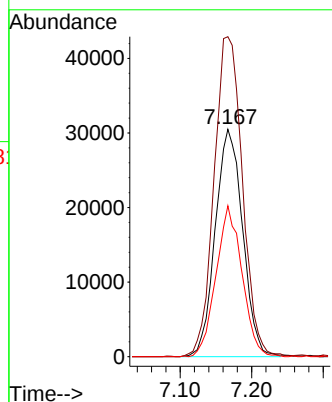
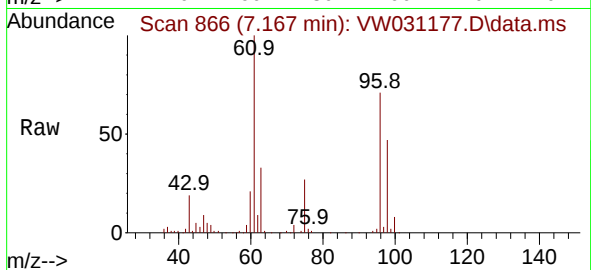
Tgt Ion: 96 Resp: 81078

Ion Ratio Lower Upper

96 100

61 140.7 83.7 155.5

98 66.4 43.9 81.5



#22

2-Butanone

Concen: 42.870 ug/L

RT: 7.191 min Scan# 870

Delta R.T. 0.006 min

Lab File: VW031177.D

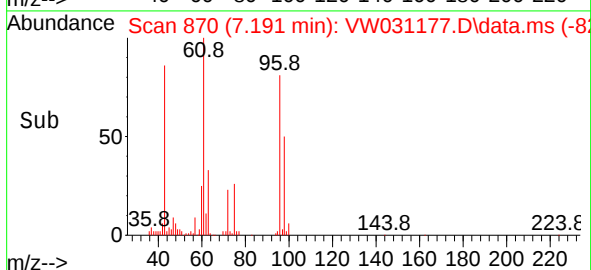
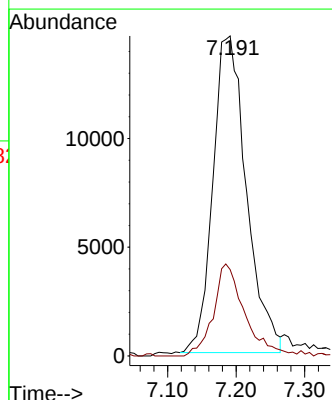
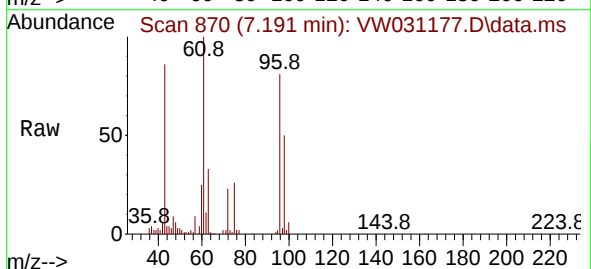
Acq: 09 Dec 2024 21:27

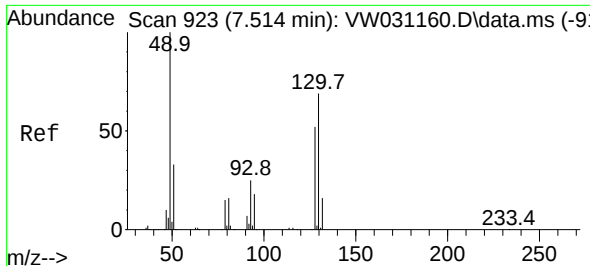
Tgt Ion: 43 Resp: 49410

Ion Ratio Lower Upper

43 100

72 24.8 14.9 44.7

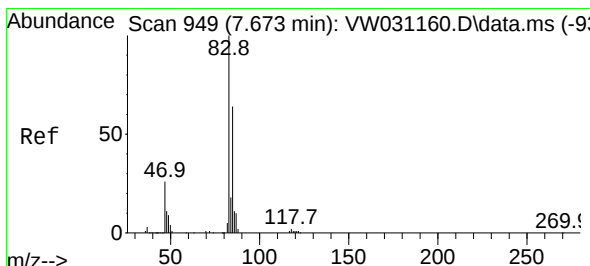
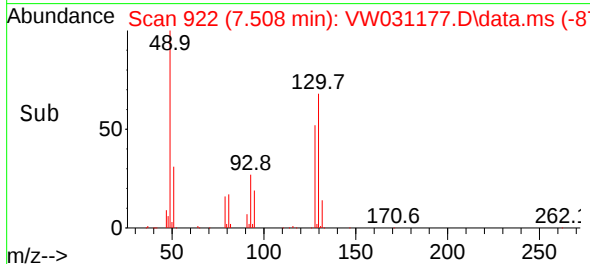
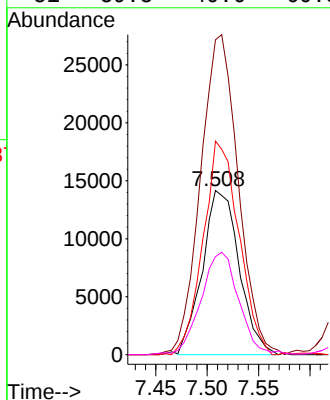
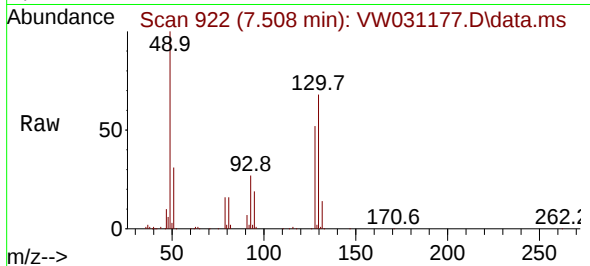




#23
Bromochloromethane
Concen: 20.680 ug/L
RT: 7.508 min Scan# 912
Delta R.T. -0.006 min
Lab File: VW031177.D
Acq: 09 Dec 2024 21:27

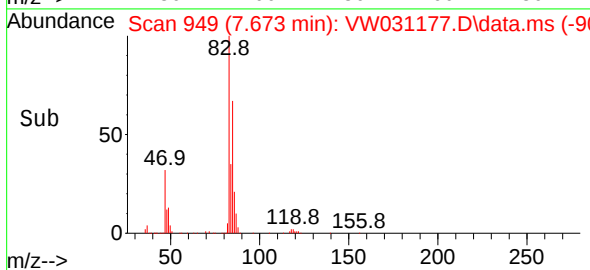
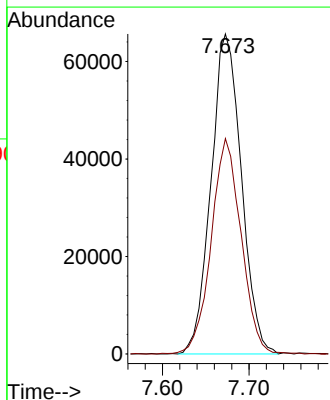
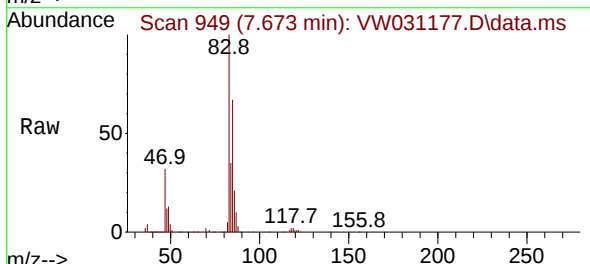
Instrument :
MSVOA_W
ClientSampleId :

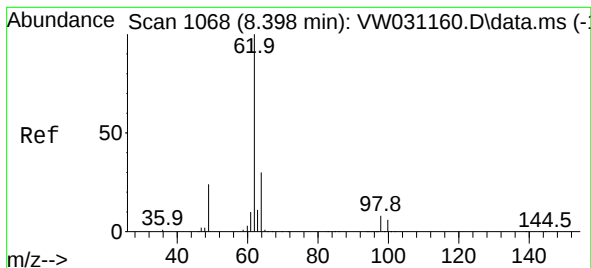
Tgt Ion:128	Resp:	35240
Ion Ratio	Lower	Upper
128	100	
49	191.8	110.9 206.1
130	130.2	93.7 173.9
51	59.8	40.6 60.8



#25
Chloroform
Concen: 21.899 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW031177.D
Acq: 09 Dec 2024 21:27

Tgt Ion: 83	Resp:	160080
Ion Ratio	Lower	Upper
83	100	
85	67.3	46.5 86.3





#27

1,2-Dichloroethane

Concen: 25.349 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW031177.D

Acq: 09 Dec 2024 21:27

Instrument :

MSVOA_W

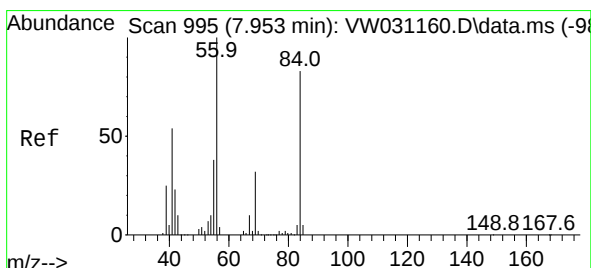
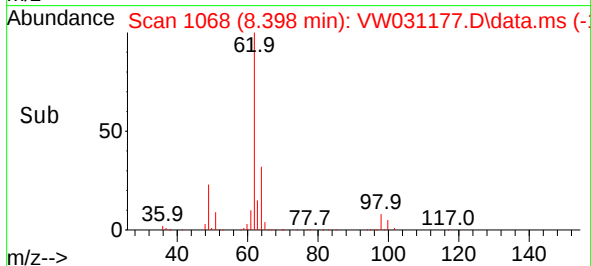
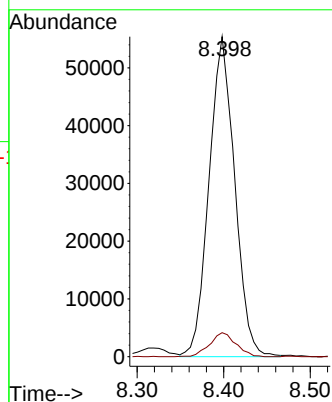
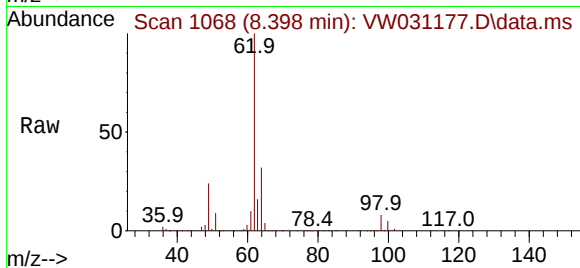
ClientSampleId :

Tgt Ion: 62 Resp: 114134

Ion Ratio Lower Upper

62 100

98 7.9 7.7 11.5



#29

Cyclohexane

Concen: 20.609 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW031177.D

Acq: 09 Dec 2024 21:27

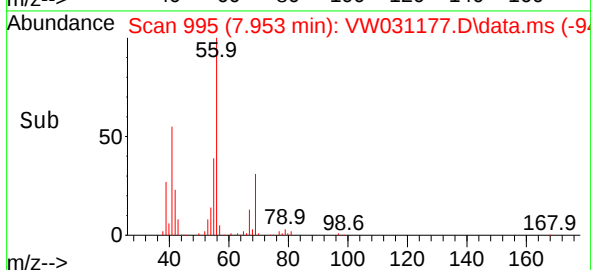
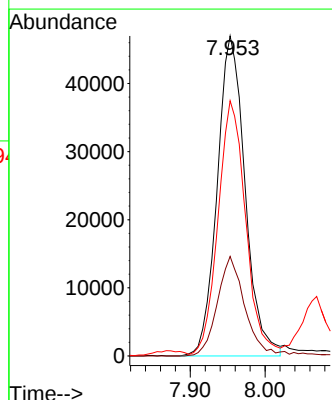
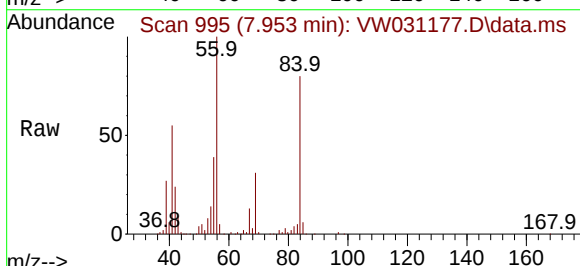
Tgt Ion: 56 Resp: 121938

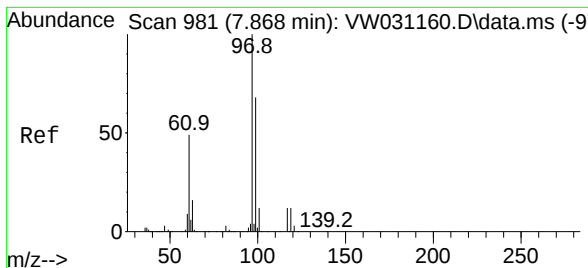
Ion Ratio Lower Upper

56 100

69 30.1 25.4 38.2

84 78.2 71.1 106.7





#30

1,1,1-Trichloroethane

Concen: 18.912 ug/L

RT: 7.874 min Scan# 981

Delta R.T. 0.006 min

Lab File: VW031177.D

Acq: 09 Dec 2024 21:27

Instrument :

MSVOA_W

ClientSampleId :

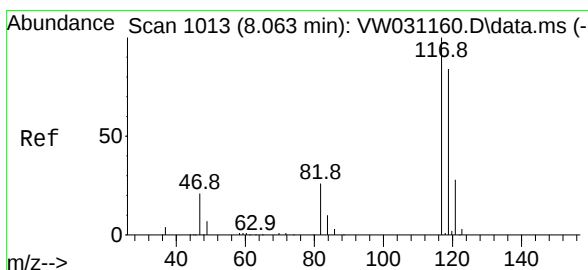
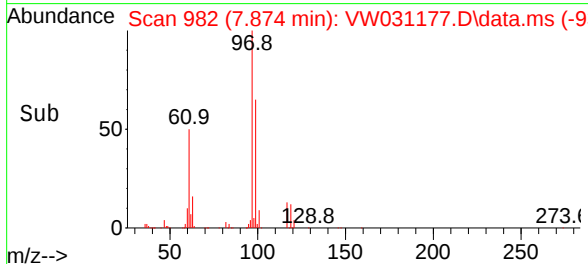
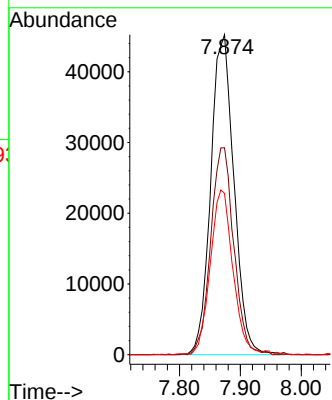
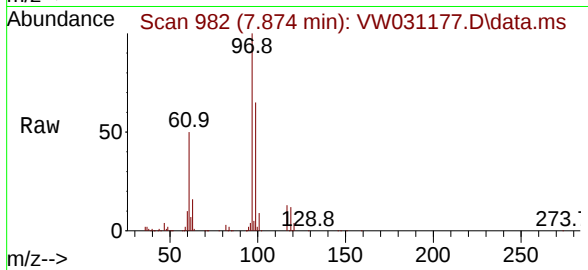
Tgt Ion: 97 Resp: 119745

Ion Ratio Lower Upper

97 100

99 64.0 51.6 77.4

61 50.1 33.8 50.6



#31

Carbon tetrachloride

Concen: 18.643 ug/L

RT: 8.063 min Scan# 1013

Delta R.T. -0.000 min

Lab File: VW031177.D

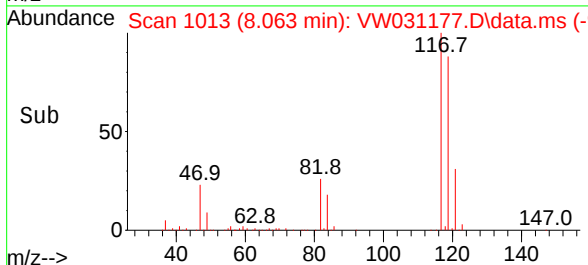
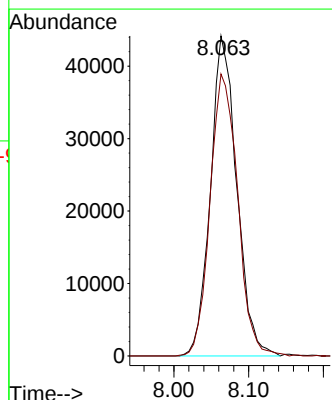
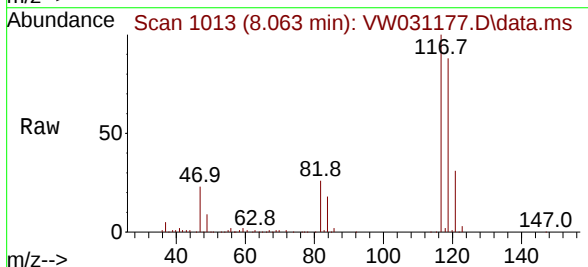
Acq: 09 Dec 2024 21:27

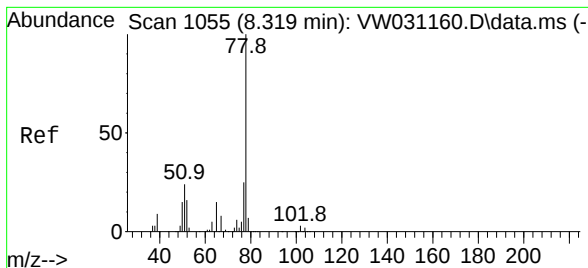
Tgt Ion: 117 Resp: 107864

Ion Ratio Lower Upper

117 100

119 92.7 75.8 113.8





#33

Benzene

Concen: 21.153 ug/L

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW031177.D

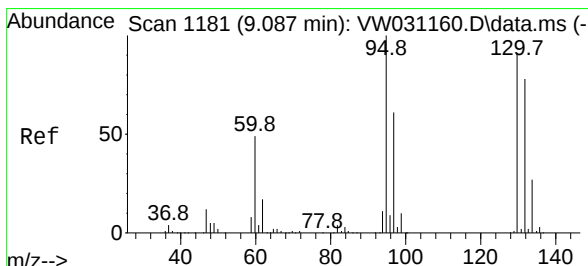
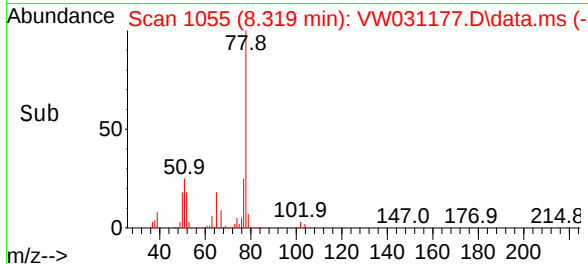
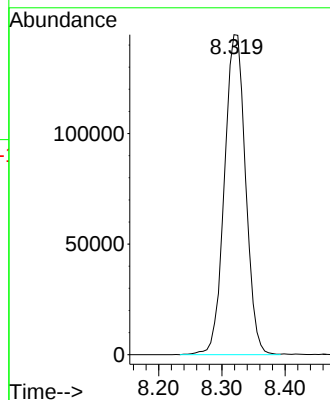
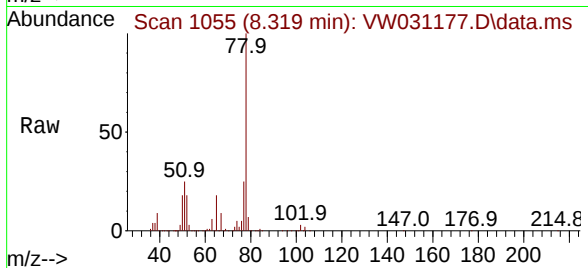
Acq: 09 Dec 2024 21:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 336249



#34

Trichloroethene

Concen: 19.222 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VW031177.D

Acq: 09 Dec 2024 21:27

Tgt Ion: 95 Resp: 84282

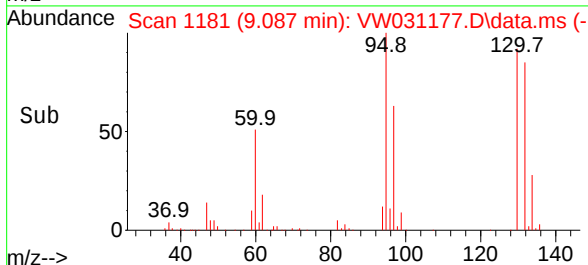
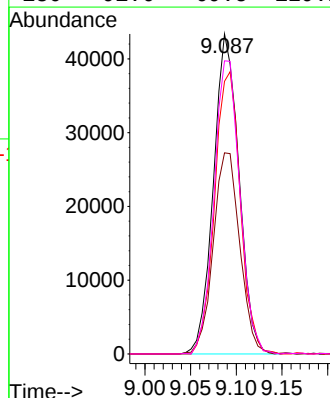
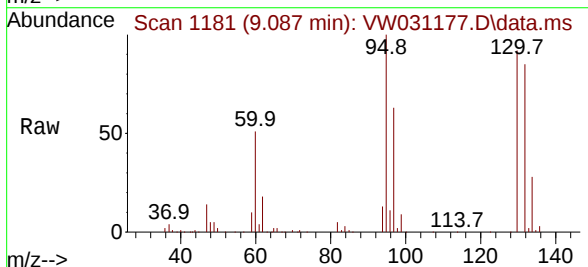
Ion Ratio Lower Upper

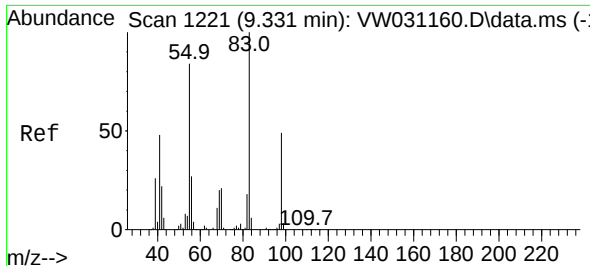
95 100

97 62.8 48.0 89.2

132 85.2 67.4 125.2

130 91.6 69.5 129.1





#35

Methylcyclohexane

Concen: 18.863 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW031177.D

Acq: 09 Dec 2024 21:27

Instrument :

MSVOA_W

ClientSampleId :

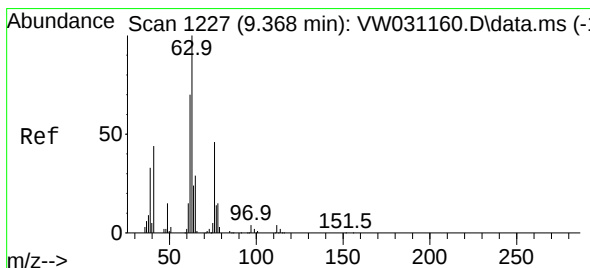
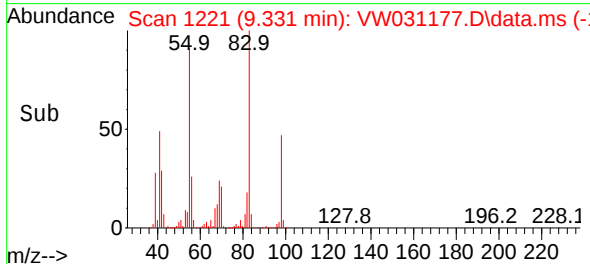
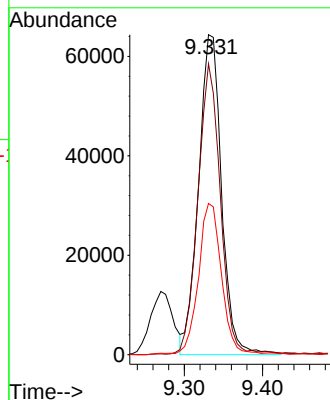
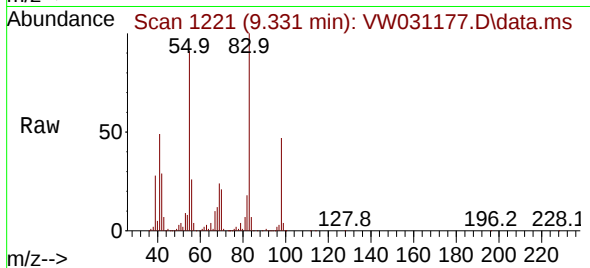
Tgt Ion: 83 Resp: 131614

Ion Ratio Lower Upper

83 100

55 87.8 59.5 89.3

98 47.1 38.7 58.1



#37

1,2-Dichloropropane

Concen: 22.942 ug/L

RT: 9.361 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VW031177.D

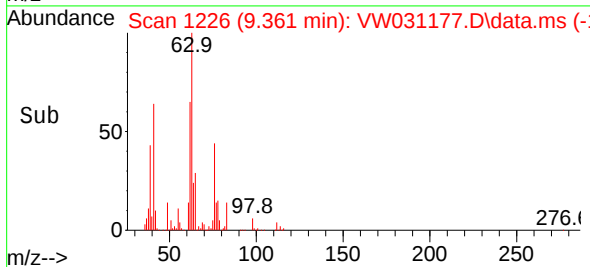
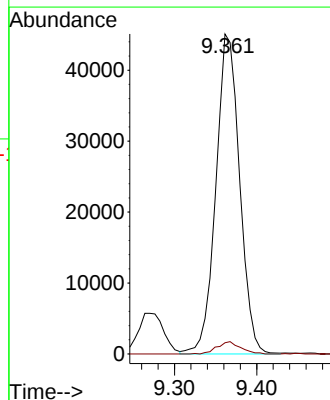
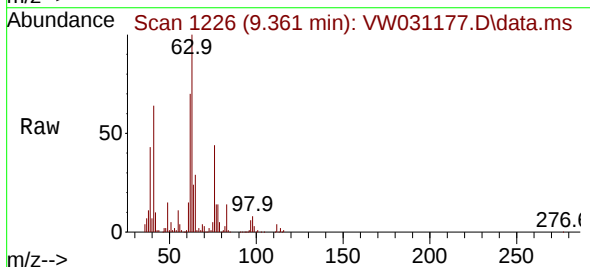
Acq: 09 Dec 2024 21:27

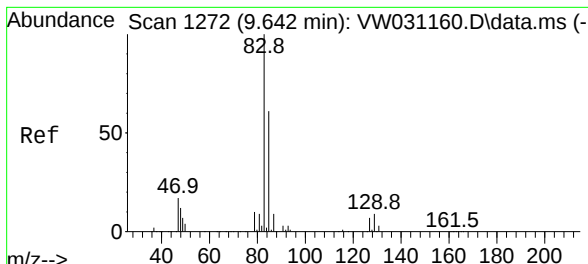
Tgt Ion: 63 Resp: 90719

Ion Ratio Lower Upper

63 100

112 3.8 3.9 5.9#



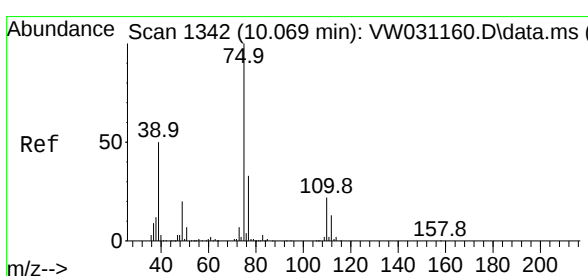
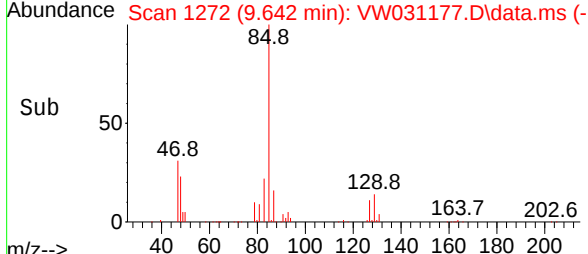
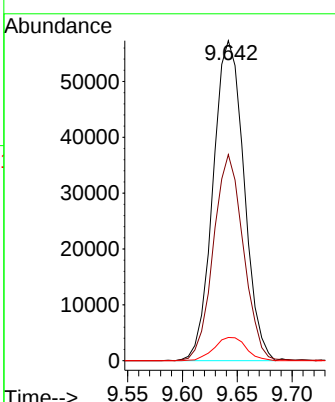
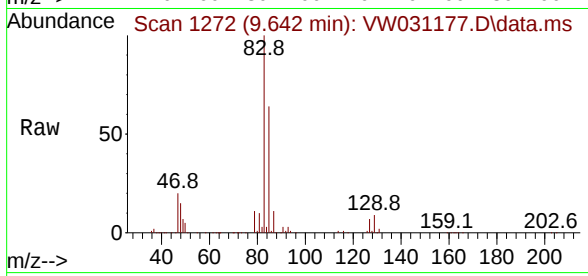


#38
 Bromodichloromethane
 Concen: 21.680 ug/L
 RT: 9.642 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW031177.D
 Acq: 09 Dec 2024 21:27

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 83 Resp: 112215

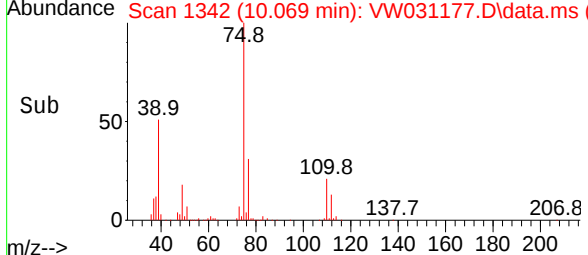
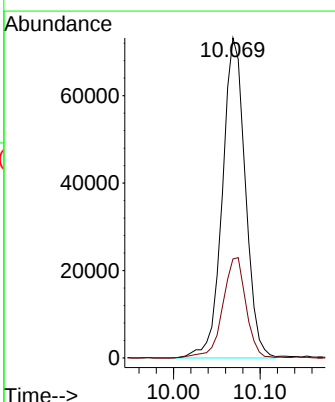
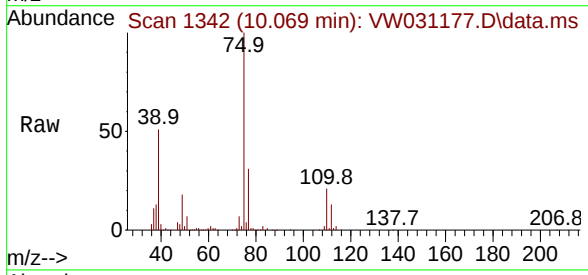
Ion	Ratio	Lower	Upper
83	100		
85	64.4	48.7	90.5
127	7.3	7.2	10.8

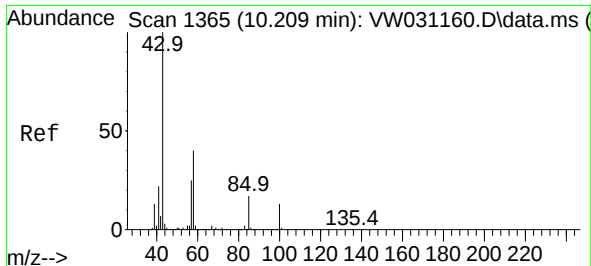


#39
 cis-1,3-Dichloropropene
 Concen: 22.577 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. -0.000 min
 Lab File: VW031177.D
 Acq: 09 Dec 2024 21:27

Tgt Ion: 75 Resp: 134787

Ion	Ratio	Lower	Upper
75	100		
77	31.0	21.6	40.2





#40

4-Methyl-2-pentanone

Concen: 57.497 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW031177.D

Acq: 09 Dec 2024 21:27

Instrument :

MSVOA_W

ClientSampleId :

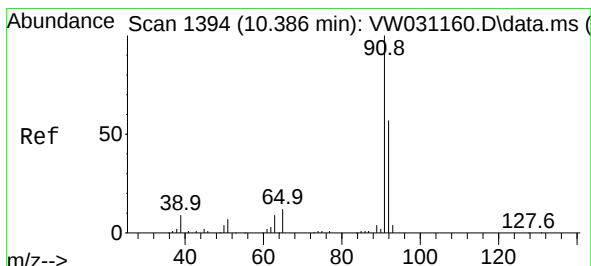
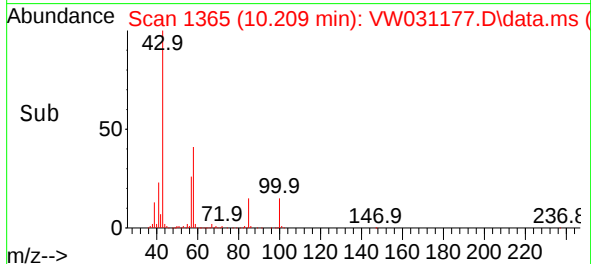
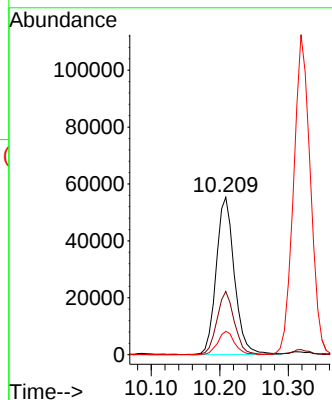
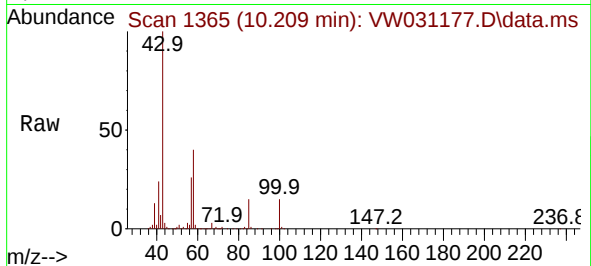
Tgt Ion: 43 Resp: 101810

Ion Ratio Lower Upper

43 100

58 38.5 33.7 50.5

100 13.9 14.2 21.2#



#42

Toluene

Concen: 20.753 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW031177.D

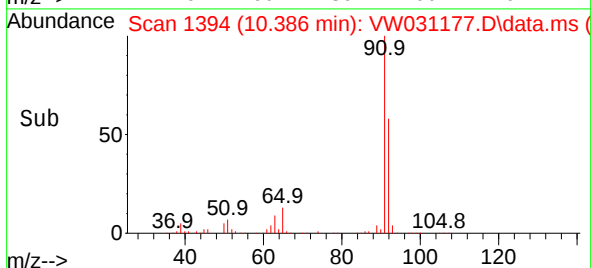
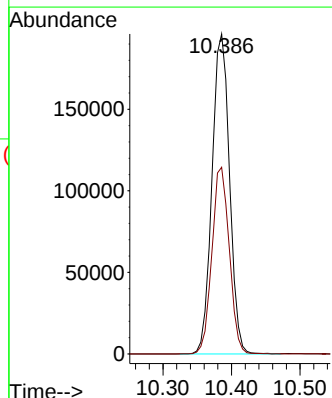
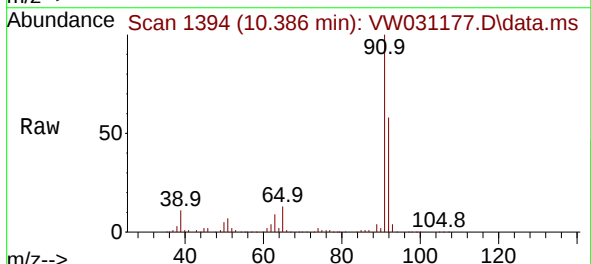
Acq: 09 Dec 2024 21:27

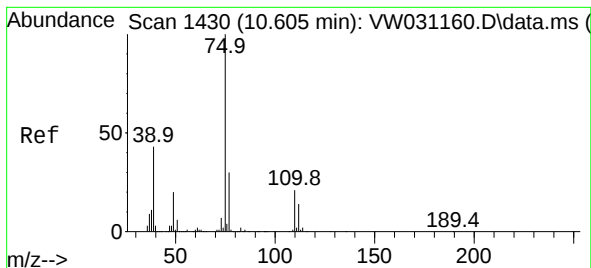
Tgt Ion: 91 Resp: 347506

Ion Ratio Lower Upper

91 100

92 58.4 40.8 75.8





#44

trans-1,3-Dichloropropene

Concen: 22.947 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW031177.D

Acq: 09 Dec 2024 21:27

Instrument :

MSVOA_W

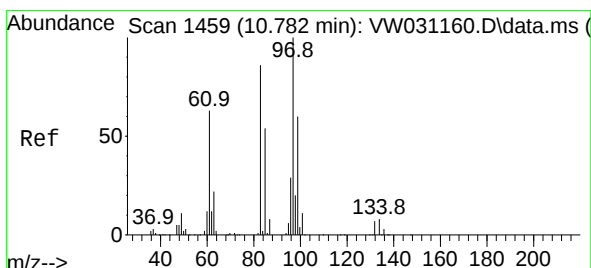
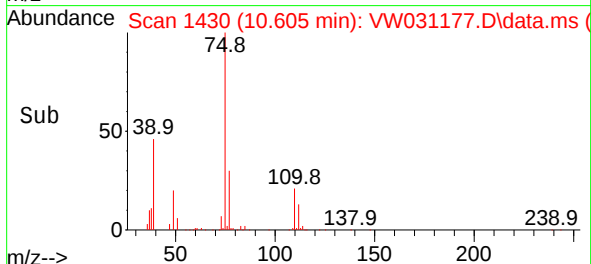
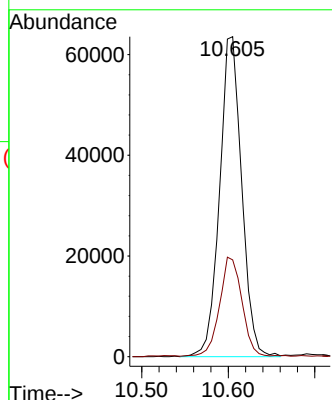
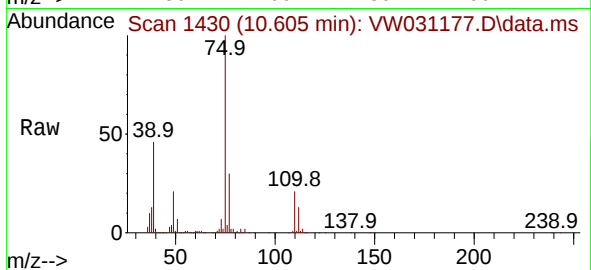
ClientSampleId :

Tgt Ion: 75 Resp: 112630

Ion Ratio Lower Upper

75 100

77 30.2 22.1 41.1



#45

1,1,2-Trichloroethane

Concen: 22.682 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW031177.D

Acq: 09 Dec 2024 21:27

Tgt Ion: 97 Resp: 61640

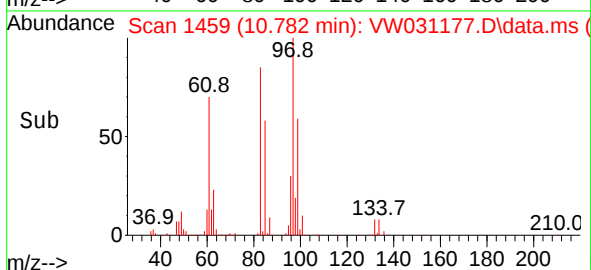
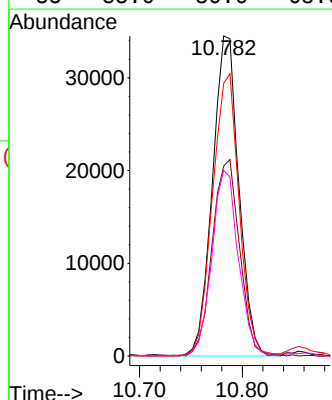
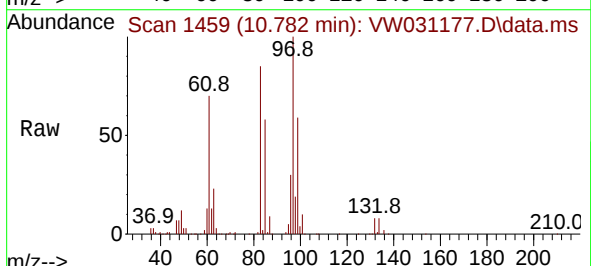
Ion Ratio Lower Upper

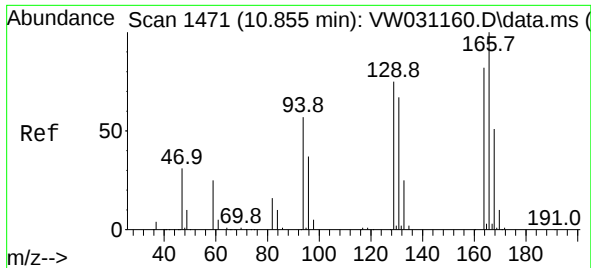
97 100

99 59.4 42.4 78.8

83 85.3 57.8 107.4

85 58.0 36.6 68.0





#46

Tetrachloroethene

Concen: 16.435 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

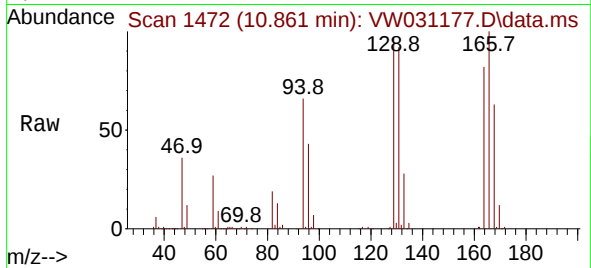
Lab File: VW031177.D

Acq: 09 Dec 2024 21:27

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 53421

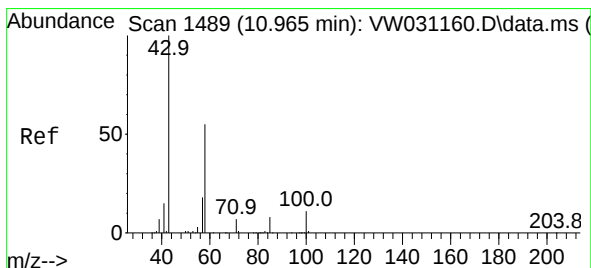
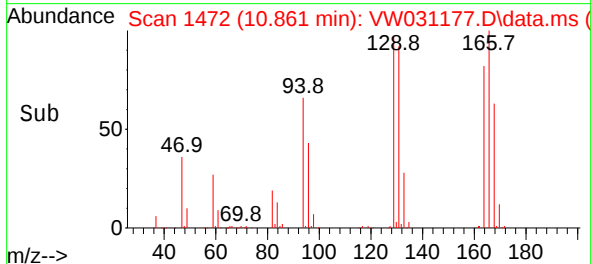
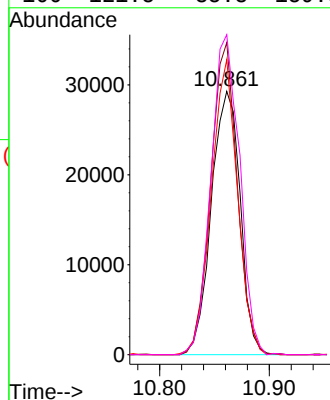
Ion Ratio Lower Upper

164 100

129 118.4 61.9 114.9#

131 114.5 67.9 126.1

166 121.5 85.8 159.3



#48

2-Hexanone

Concen: 46.047 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW031177.D

Acq: 09 Dec 2024 21:27

Tgt Ion: 43 Resp: 73766

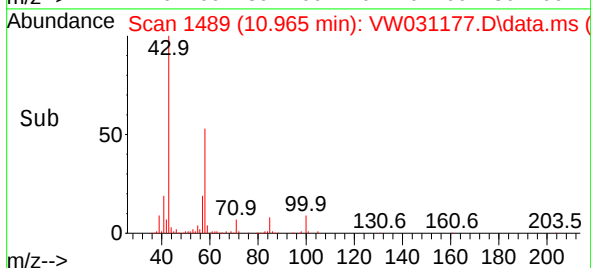
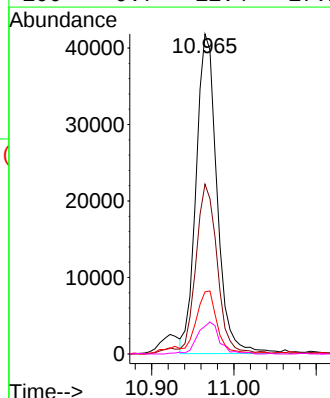
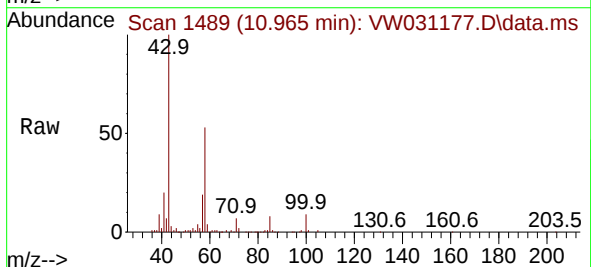
Ion Ratio Lower Upper

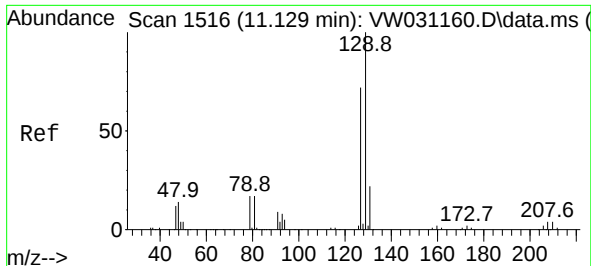
43 100

58 54.1 49.8 74.6

57 19.8 16.6 24.8

100 9.7 11.4 17.2#





#49

Dibromochloromethane

Concen: 21.358 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW031177.D

Acq: 09 Dec 2024 21:27

Instrument :

MSVOA_W

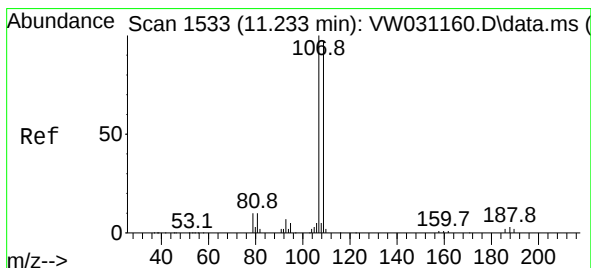
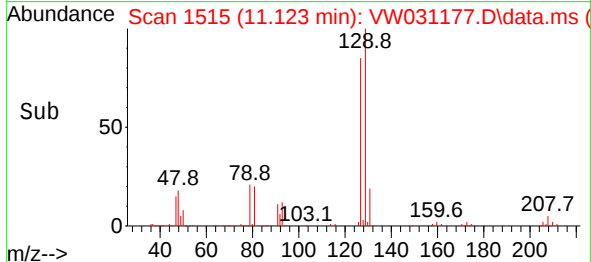
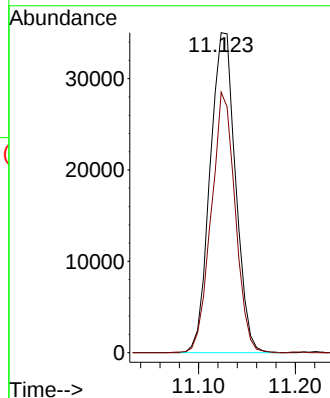
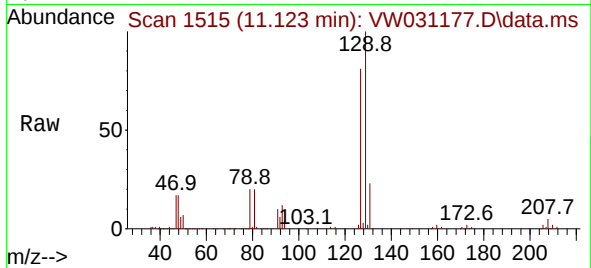
ClientSampleId :

Tgt Ion:129 Resp: 63939

Ion Ratio Lower Upper

129 100

127 79.9 51.4 95.4



#50

1,2-Dibromoethane

Concen: 22.494 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW031177.D

Acq: 09 Dec 2024 21:27

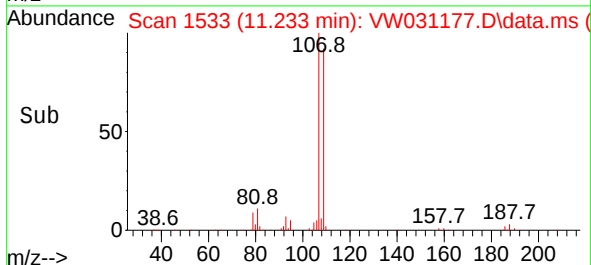
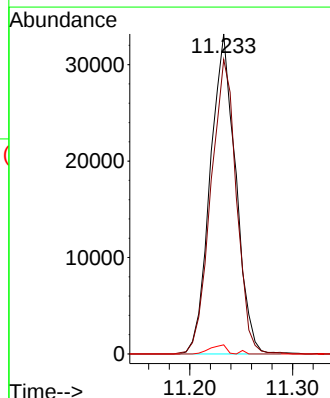
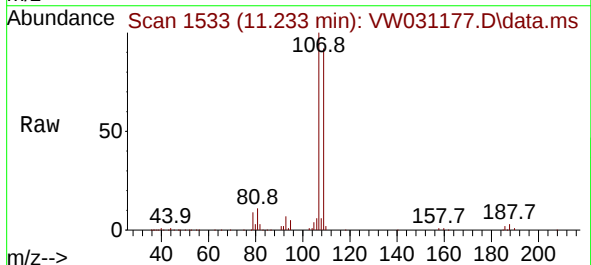
Tgt Ion:107 Resp: 57124

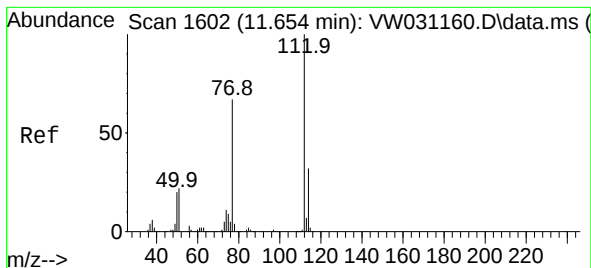
Ion Ratio Lower Upper

107 100

109 92.0 71.0 131.9

188 2.9 3.0 4.4#

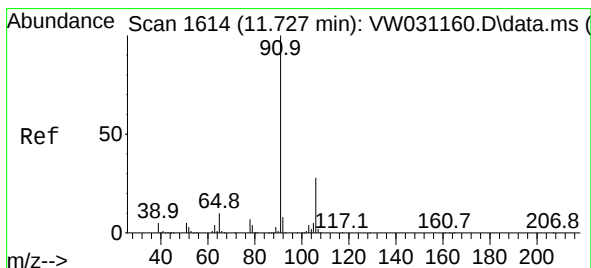
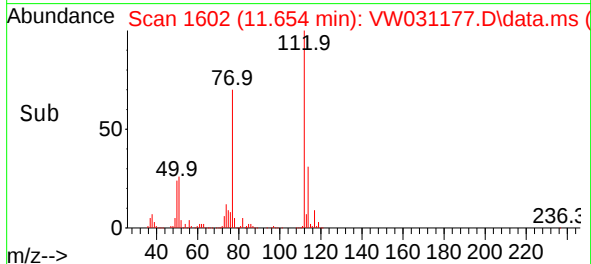
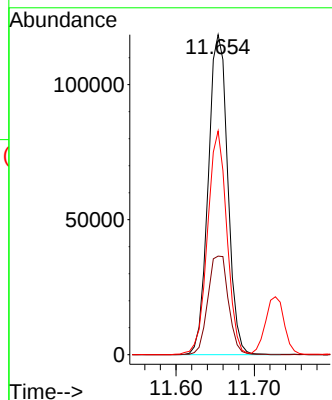
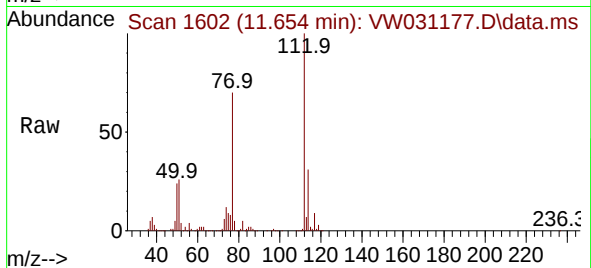




#51
Chlorobenzene
Concen: 19.165 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW031177.D
Acq: 09 Dec 2024 21:27

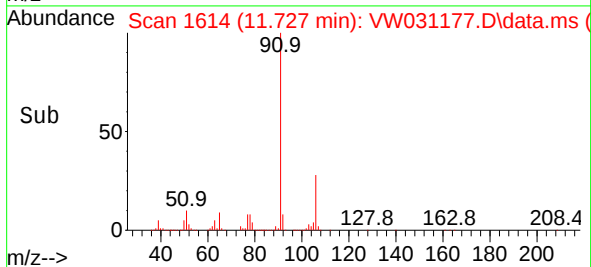
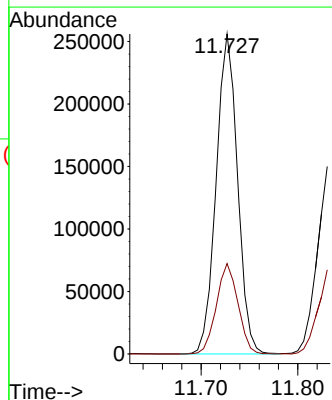
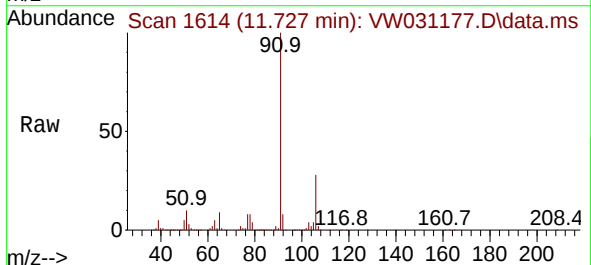
Instrument :
MSVOA_W
ClientSampleId :

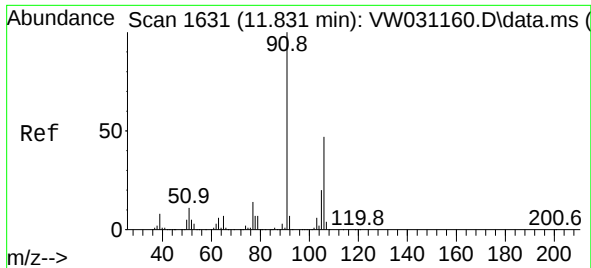
Tgt Ion:112 Resp: 204849
Ion Ratio Lower Upper
112 100
114 30.8 21.2 39.4
77 69.9 45.4 68.0#



#52
Ethylbenzene
Concen: 20.665 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031177.D
Acq: 09 Dec 2024 21:27

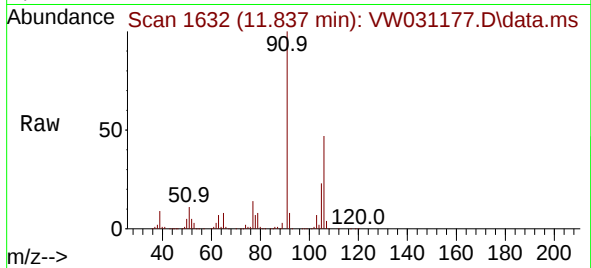
Tgt Ion: 91 Resp: 392119
Ion Ratio Lower Upper
91 100
106 28.3 21.3 39.5



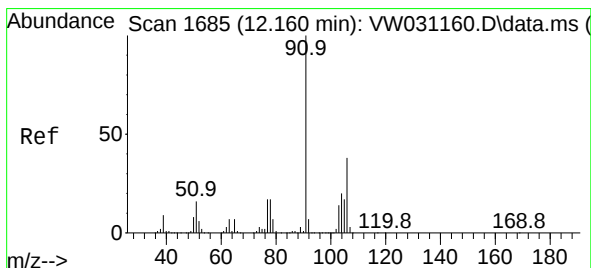
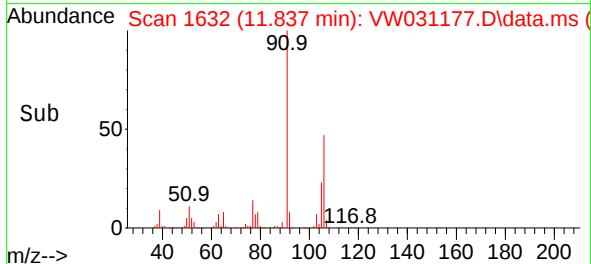
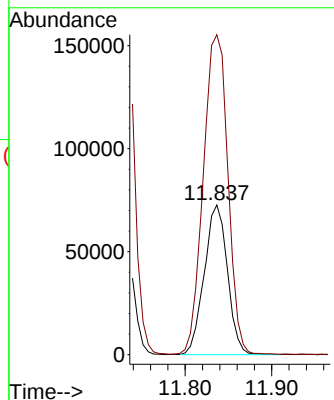


#53
m,p-Xylene
Concen: 19.132 ug/L
RT: 11.837 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031177.D
Acq: 09 Dec 2024 21:27

Instrument :
MSVOA_W
ClientSampleId :

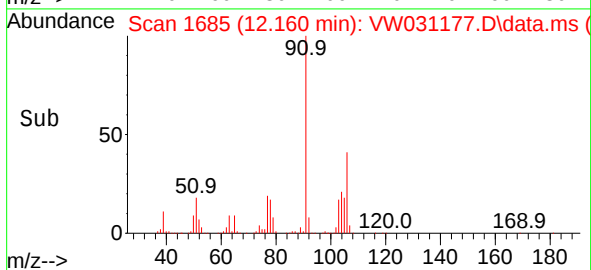
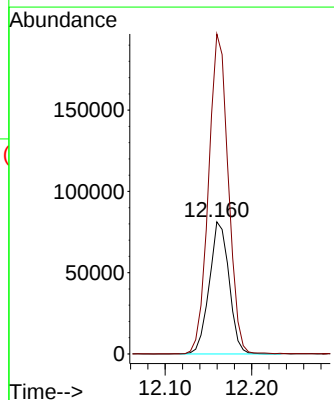
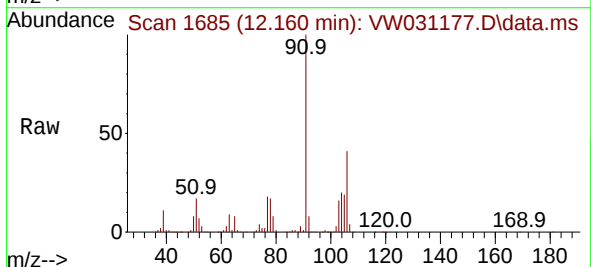


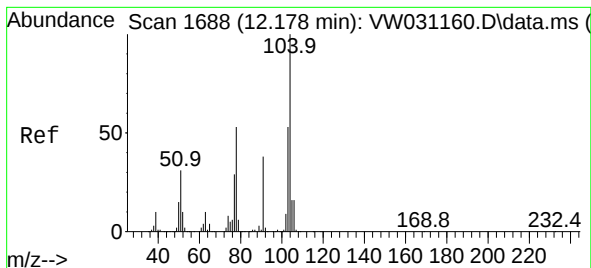
Tgt Ion:106 Resp: 135110
Ion Ratio Lower Upper
106 100
91 213.7 140.9 261.7



#54
o-Xylene
Concen: 19.564 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031177.D
Acq: 09 Dec 2024 21:27

Tgt Ion:106 Resp: 128533
Ion Ratio Lower Upper
106 100
91 242.0 152.7 283.5





#55

Styrene

Concen: 21.005 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031177.D

Acq: 09 Dec 2024 21:27

Instrument :

MSVOA_W

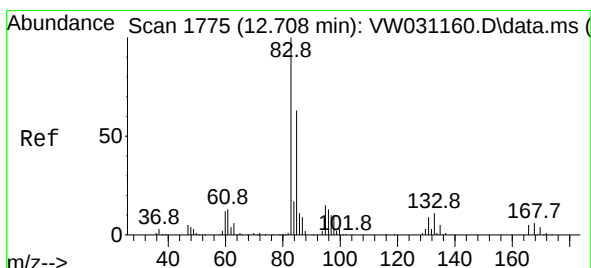
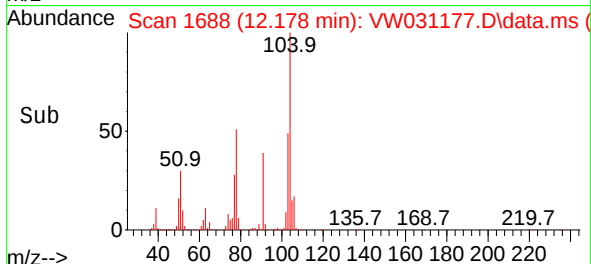
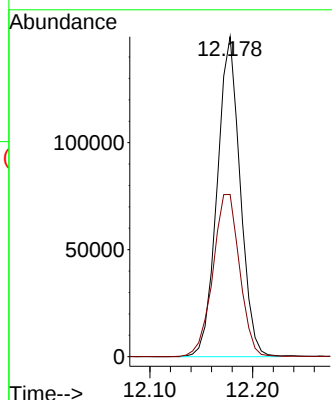
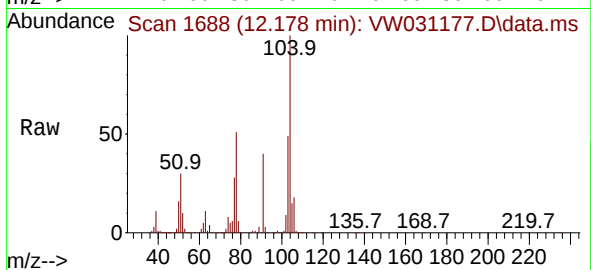
ClientSampleId :

Tgt Ion:104 Resp: 232298

Ion Ratio Lower Upper

104 100

78 50.7 30.2 56.0



#57

1,1,2,2-Tetrachloroethane

Concen: 25.505 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW031177.D

Acq: 09 Dec 2024 21:27

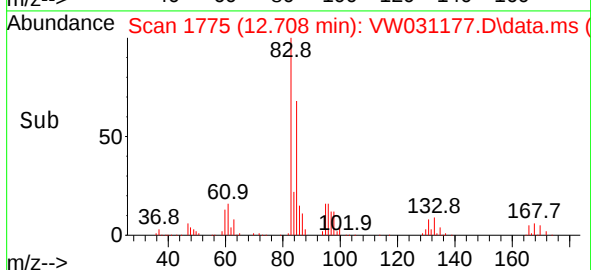
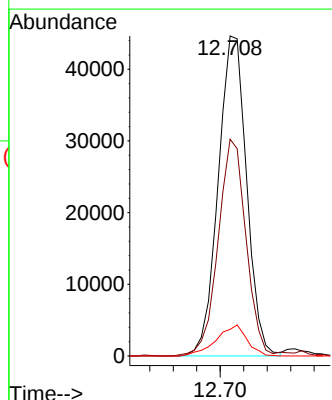
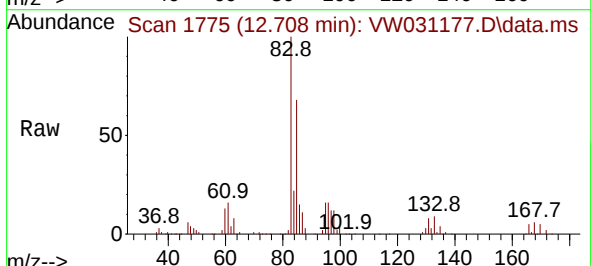
Tgt Ion: 83 Resp: 75086

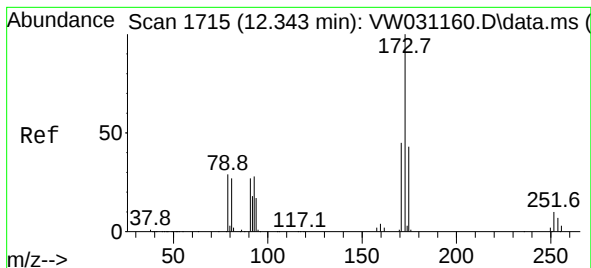
Ion Ratio Lower Upper

83 100

85 67.7 48.3 89.7

131 10.8 8.9 13.3





#59

Bromoform

Concen: 20.618 ug/L

RT: 12.349 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW031177.D

Acq: 09 Dec 2024 21:27

Instrument :

MSVOA_W

ClientSampleId :

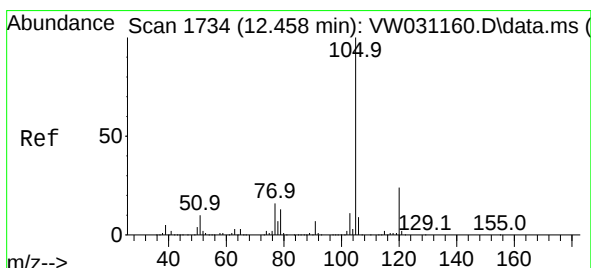
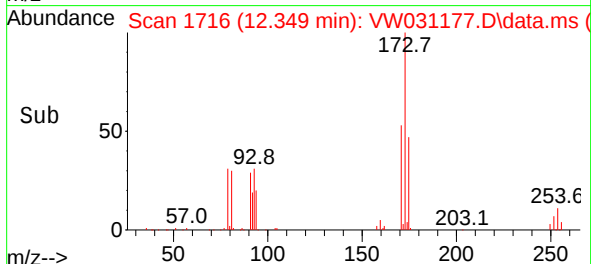
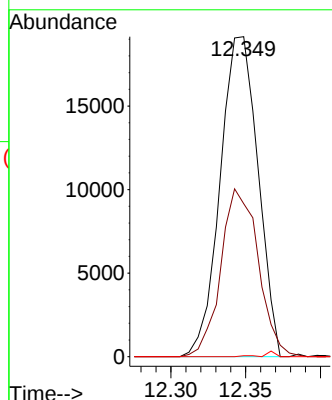
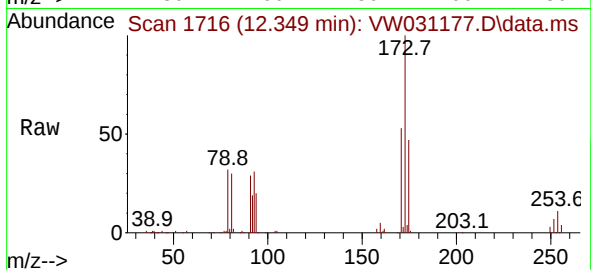
Tgt Ion:173 Resp: 33664

Ion Ratio Lower Upper

173 100

175 51.9 36.6 54.8

254 0.1 7.7 11.5#



#60

Isopropylbenzene

Concen: 20.388 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW031177.D

Acq: 09 Dec 2024 21:27

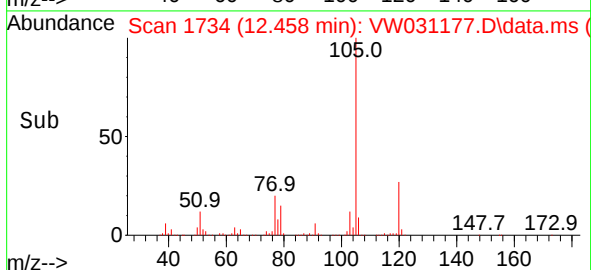
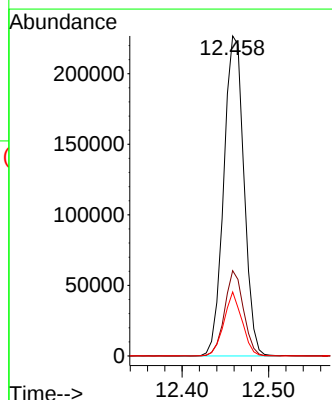
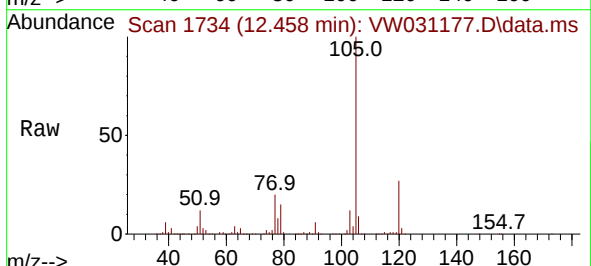
Tgt Ion:105 Resp: 367757

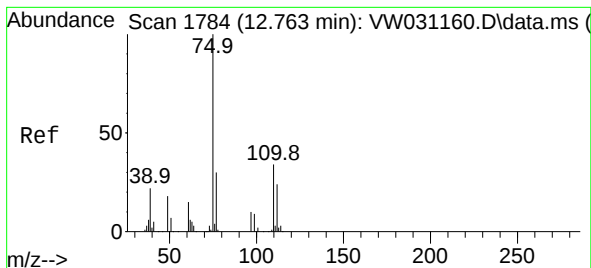
Ion Ratio Lower Upper

105 100

120 24.8 21.5 32.3

77 17.9 12.3 18.5





#61

1,2,3-Trichloropropane

Concen: 26.547 ug/L

RT: 12.763 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031177.D

Acq: 09 Dec 2024 21:27

Instrument :

MSVOA_W

ClientSampleId :

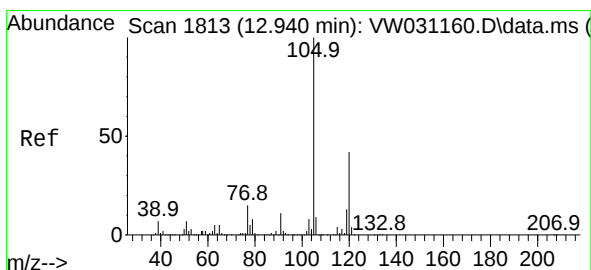
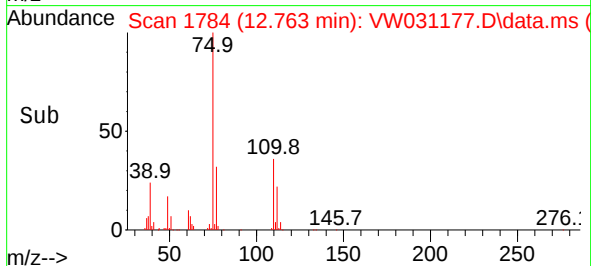
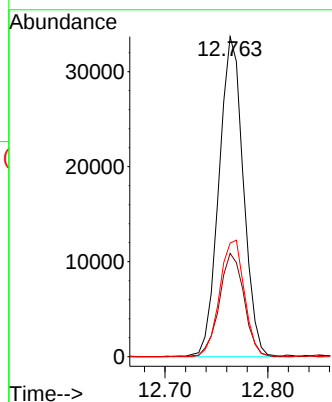
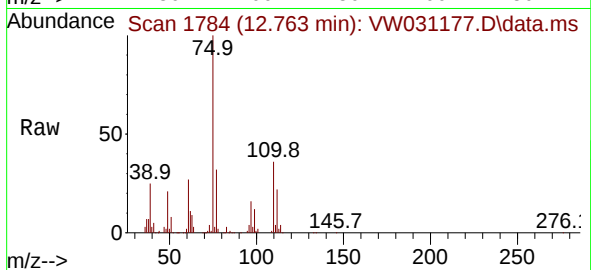
Tgt Ion: 75 Resp: 55424

Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.2

110 37.1 33.1 49.7



#62

1,3,5-Trimethylbenzene

Concen: 20.826 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW031177.D

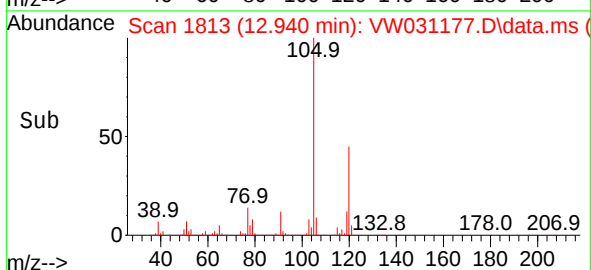
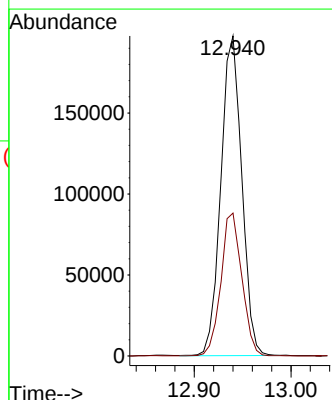
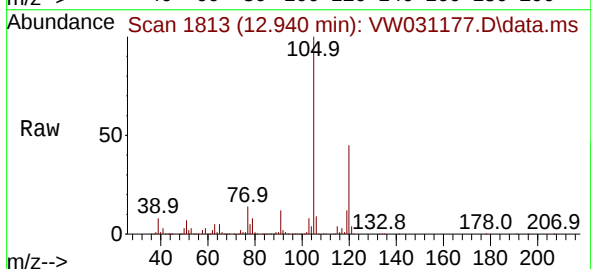
Acq: 09 Dec 2024 21:27

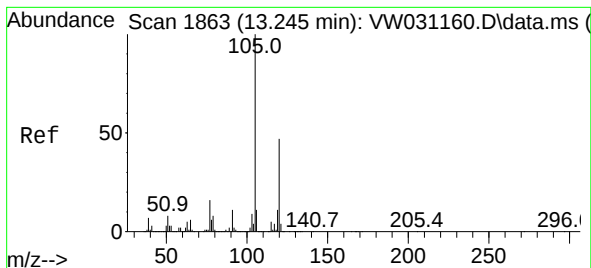
Tgt Ion:105 Resp: 295799

Ion Ratio Lower Upper

105 100

120 44.7 40.5 60.7





#63

1,2,4-Trimethylbenzene

Concen: 21.463 ug/L

RT: 13.245 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031177.D

Acq: 09 Dec 2024 21:27

Instrument :

MSVOA_W

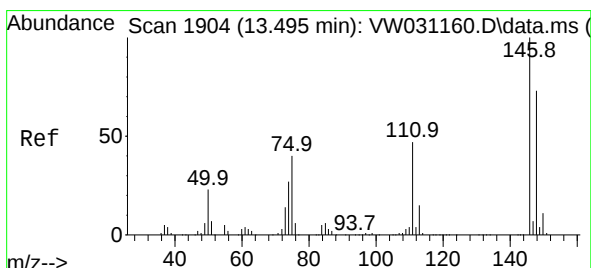
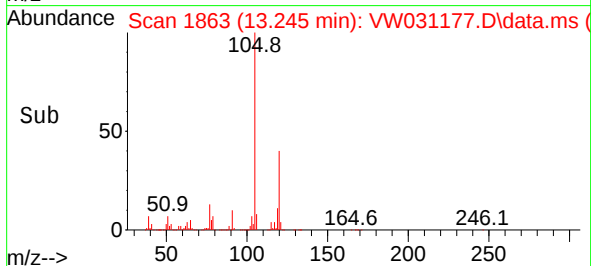
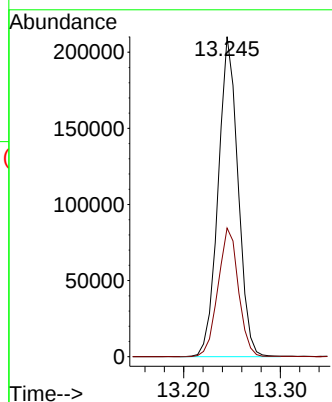
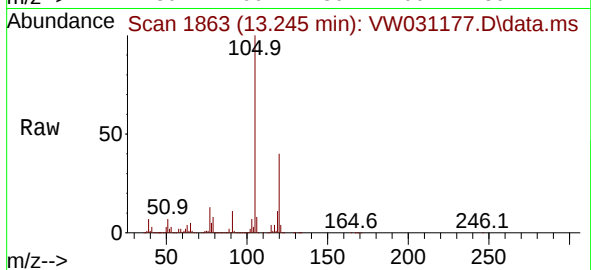
ClientSampleId :

Tgt Ion:105 Resp: 299477

Ion Ratio Lower Upper

105 100

120 41.3 35.4 53.0



#64

1,3-Dichlorobenzene

Concen: 19.420 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW031177.D

Acq: 09 Dec 2024 21:27

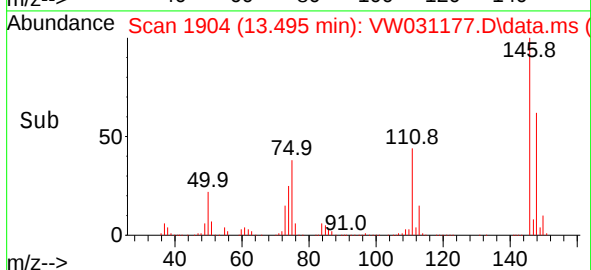
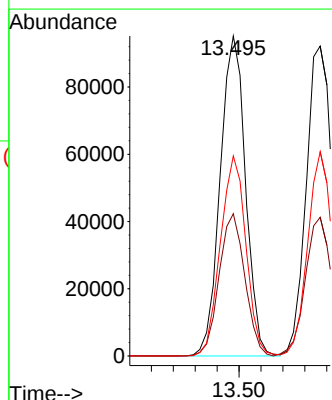
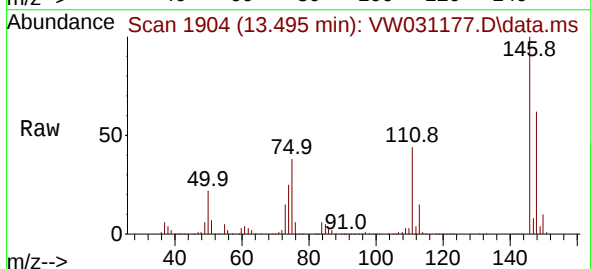
Tgt Ion:146 Resp: 152756

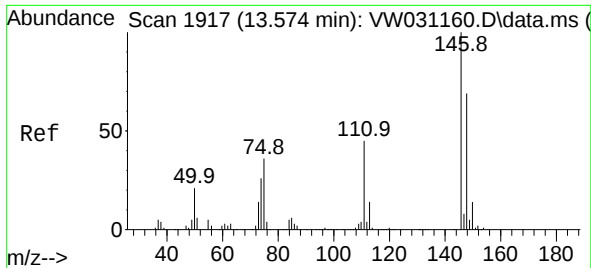
Ion Ratio Lower Upper

146 100

111 44.4 28.5 52.9

148 62.5 44.1 81.9





#65

1,4-Dichlorobenzene

Concen: 19.158 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW031177.D

Acq: 09 Dec 2024 21:27

Instrument :

MSVOA_W

ClientSampleId :

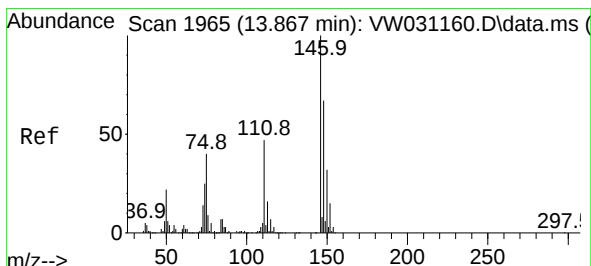
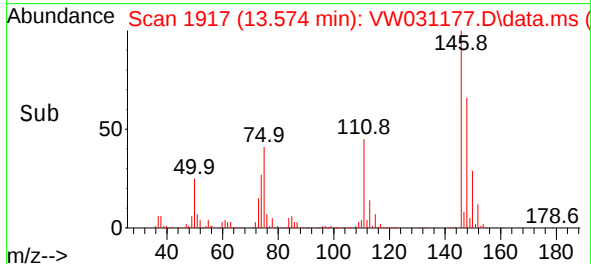
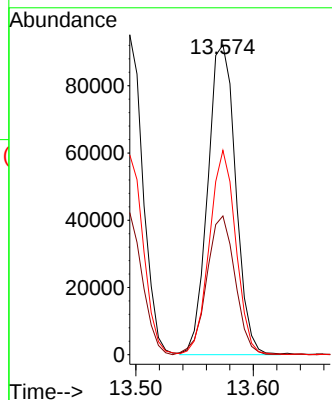
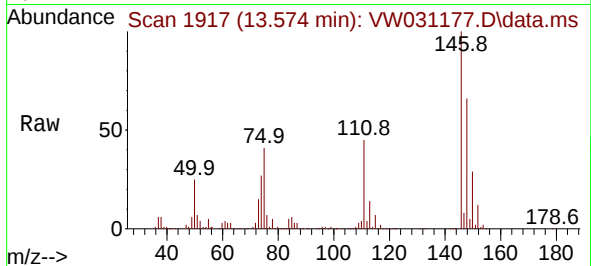
Tgt Ion:146 Resp: 152225

Ion Ratio Lower Upper

146 100

111 44.7 26.6 49.4

148 65.9 42.1 78.1



#67

1,2-Dichlorobenzene

Concen: 19.567 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW031177.D

Acq: 09 Dec 2024 21:27

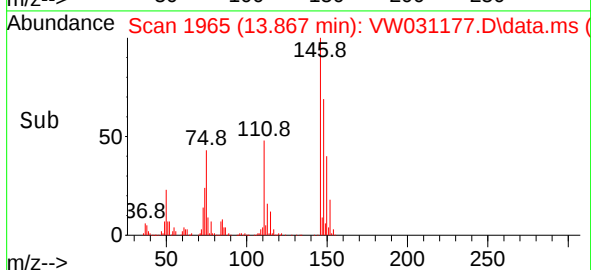
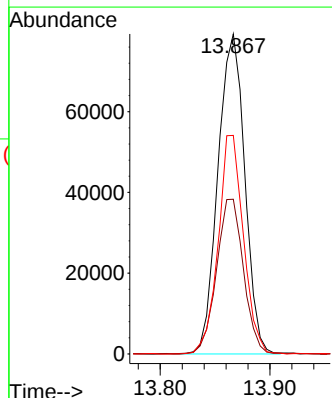
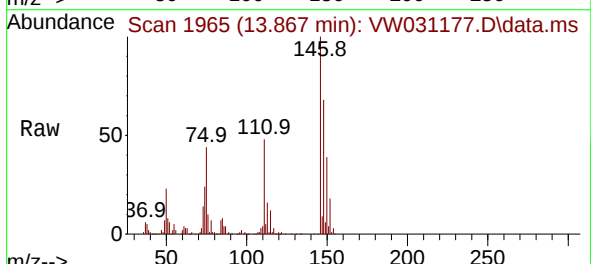
Tgt Ion:146 Resp: 134638

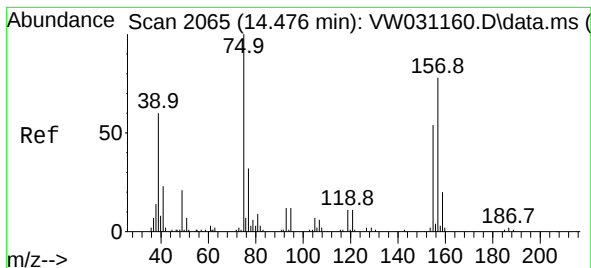
Ion Ratio Lower Upper

146 100

111 48.3 30.9 46.3#

148 68.3 50.0 75.0





#68

1,2-Dibromo-3-chloropropane

Concen: 26.901 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW031177.D

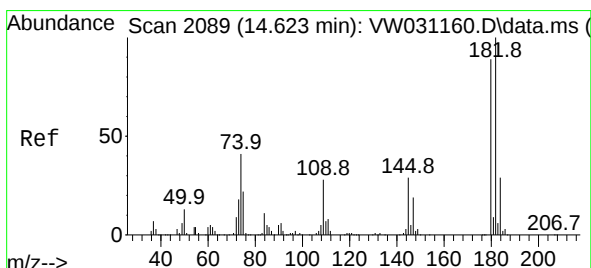
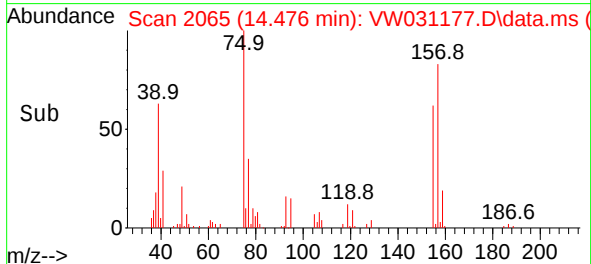
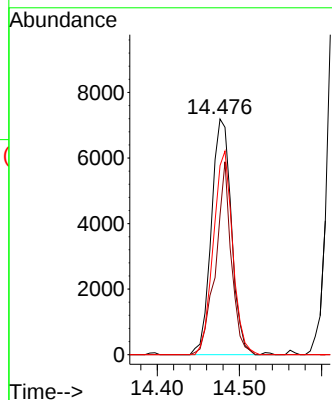
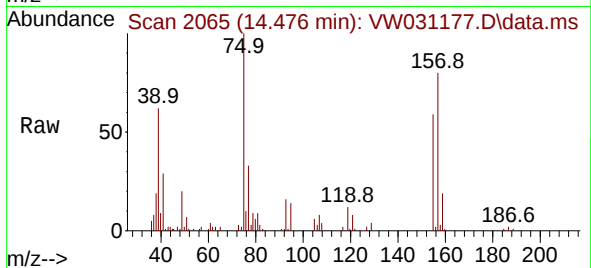
Acq: 09 Dec 2024 21:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 75	Resp:	12195
Ion Ratio	Lower	Upper
75	100	
155	59.2	63.1 94.7#
157	80.2	82.1 123.1#



#69

1,3,5-Trichlorobenzene

Concen: 16.196 ug/L

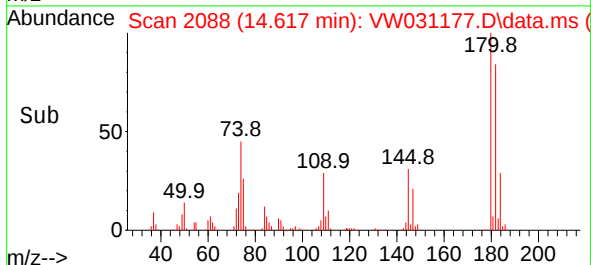
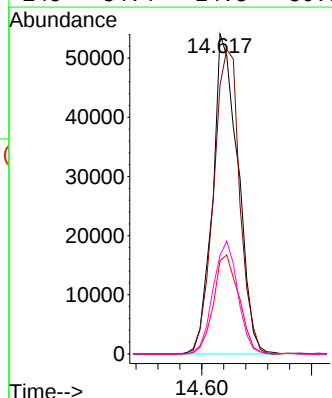
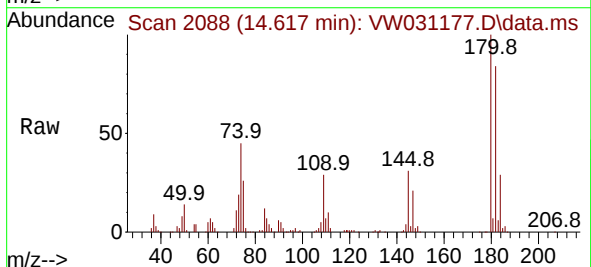
RT: 14.617 min Scan# 2088

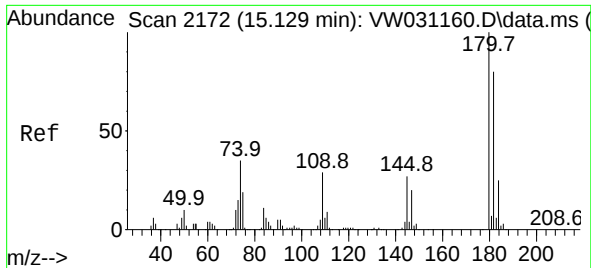
Delta R.T. -0.006 min

Lab File: VW031177.D

Acq: 09 Dec 2024 21:27

Tgt Ion: 180	Resp:	86564
Ion Ratio	Lower	Upper
180	100	
182	98.4	78.2 117.2
184	31.2	24.0 36.0
145	34.4	24.3 36.5

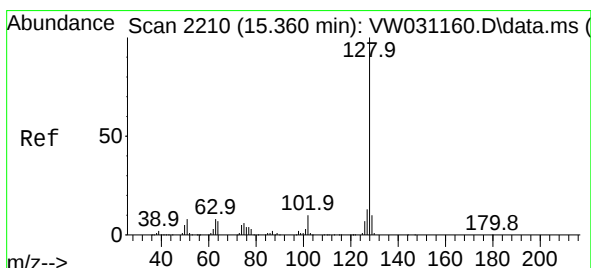
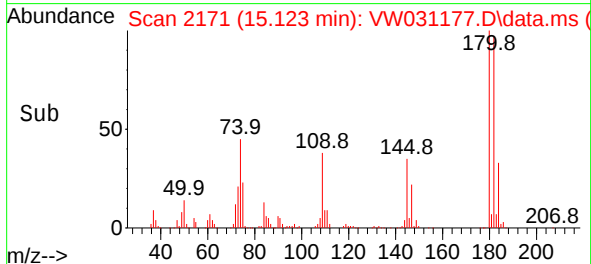
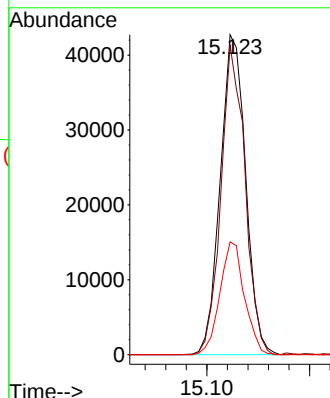
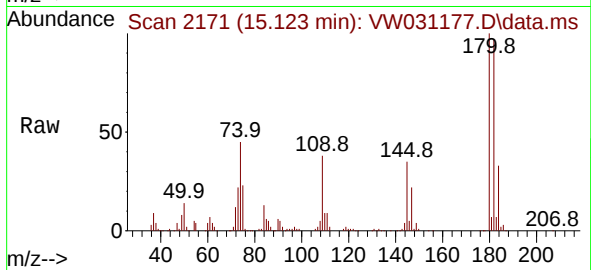




#70
1,2,4-trichlorobenzene
Concen: 17.509 ug/L
RT: 15.123 min Scan# 2172
Delta R.T. -0.006 min
Lab File: VW031177.D
Acq: 09 Dec 2024 21:27

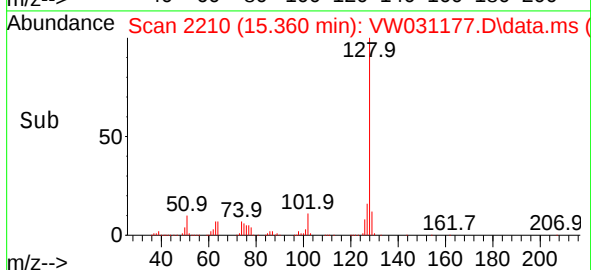
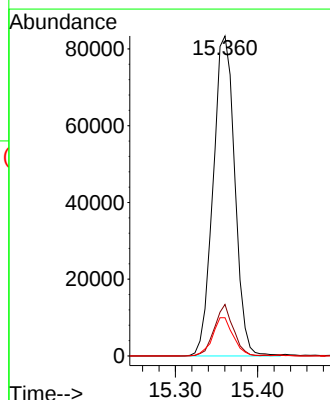
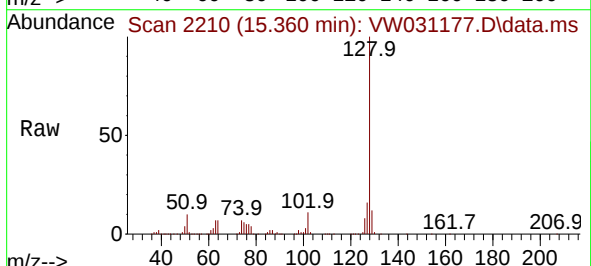
Instrument :
MSVOA_W
ClientSampleId :

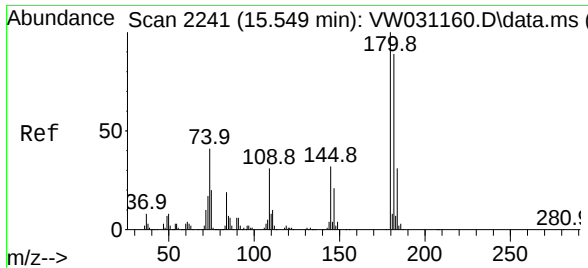
Tgt Ion:180 Resp: 73381
Ion Ratio Lower Upper
180 100
182 91.3 76.1 114.1
145 34.0 25.7 38.5



#71
Naphthalene
Concen: 22.602 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW031177.D
Acq: 09 Dec 2024 21:27

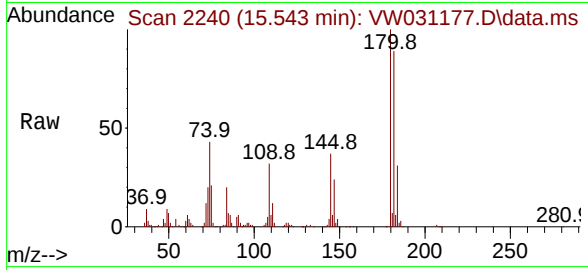
Tgt Ion:128 Resp: 152610
Ion Ratio Lower Upper
128 100
127 14.1 10.4 15.6
129 11.4 8.3 12.5





#72
 1,2,3-Trichlorobenzene
 Concen: 19.244 ug/L
 RT: 15.543 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW031177.D
 Acq: 09 Dec 2024 21:27

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	69035
Ion Ratio	Lower	Upper	
180	100		
182	94.9	78.7	118.1
145	37.4	26.3	39.5

