

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120924\
 Data File : VW031160.D
 Acq On : 09 Dec 2024 13:39
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 10 01:06:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 06 23:31:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	283574	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.629	117	269966	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	127571	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	74696	17.117	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.480%
7) Chloroethane-d5	2.899	69	67220	19.854	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	4.015	65	39662	19.921	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.680%
21) 2-Butanone-d5	7.094	46	45976	60.241	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.480%
24) Chloroform-d	7.648	84	216501	26.067	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.280%
26) 1,2-Dichloroethane-d4	8.301	65	118499	28.995	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.960%
32) Benzene-d6	8.270	84	383012	23.083	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.320%
36) 1,2-Dichloropropane-d6	9.270	67	124171	25.548	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.200%
41) Toluene-d8	10.319	98	352256	23.524	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.080%
43) trans-1,3-Dichloroprop...	10.575	79	53359	27.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.080%
47) 2-Hexanone-d5	10.922	63	37442	65.753	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.500%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	98916	30.156	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.640%#
66) 1,2-Dichlorobenzene-d4	13.848	152	107215	23.662	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.640%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.015	85	69445	19.393	ug/L	90
3) Chloromethane	2.222	50	88748	21.013	ug/L	98
5) Vinyl chloride	2.369	62	97110	19.141	ug/L	100
6) Bromomethane	2.783	94	67984	21.073	ug/L	97
8) Chloroethane	2.930	64	60545	19.952	ug/L	98
9) Trichlorofluoromethane	3.259	101	110974	20.789	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	88713	21.875	ug/L	90
14) Carbon disulfide	4.387	76	289115	21.890	ug/L	98
15) Methyl Acetate	4.692	43	41577	28.837	ug/L	95
16) Methylene chloride	4.911	84	98645	24.035	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	97817	22.849	ug/L	89
18) Methyl tert-butyl Ether	5.423	73	161744	27.006	ug/L	97
19) 1,1-Dichloroethane	6.216	63	199228	25.301	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	106171	23.611	ug/L	89
23) Bromochloromethane	7.514	128	44616	23.369	ug/L	# 85
25) Chloroform	7.673	83	206833	25.255	ug/L	98
27) 1,2-Dichloroethane	8.398	62	141275	28.005	ug/L	# 94
29) Cyclohexane	7.953	56	160387	23.603	ug/L	94
30) 1,1,1-Trichloroethane	7.868	97	155827	21.429	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120924\
 Data File : VW031160.D
 Acq On : 09 Dec 2024 13:39
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 10 01:06:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 06 23:31:46 2024
 Response via : Initial Calibration

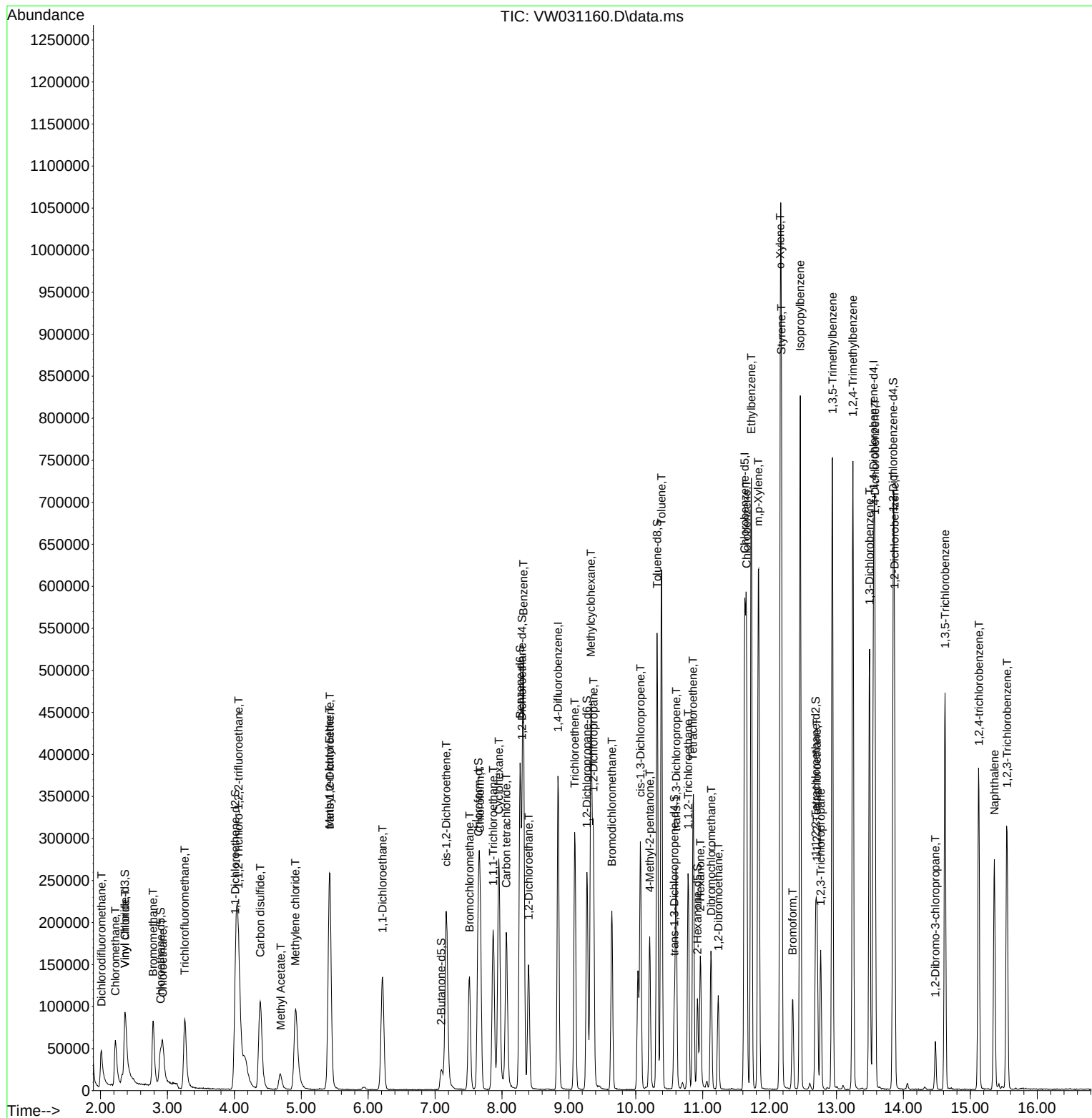
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	8.063	117	139162	20.943	ug/L	100
33) Benzene	8.319	78	429750	23.540	ug/L	100
34) Trichloroethene	9.087	95	112337	22.308	ug/L	88
35) Methylcyclohexane	9.331	83	179501	22.401	ug/L	93
37) 1,2-Dichloropropane	9.368	63	115776	25.494	ug/L	97
38) Bromodichloromethane	9.642	83	147077	24.742	ug/L #	89
39) cis-1,3-Dichloropropene	10.069	75	174689	25.477	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	121388	59.690	ug/L #	95
42) Toluene	10.386	91	459673	23.903	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	150017	26.613	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	79835	25.580	ug/L	96
46) Tetrachloroethene	10.855	164	72916	19.532	ug/L	93
48) 2-Hexanone	10.965	43	102813	55.881	ug/L	91
49) Dibromochloromethane	11.129	129	83936	24.413	ug/L	98
50) 1,2-Dibromoethane	11.233	107	75636	25.933	ug/L #	96
51) Chlorobenzene	11.654	112	265180	21.602	ug/L	90
52) Ethylbenzene	11.727	91	520859	23.901	ug/L	95
53) m,p-Xylene	11.831	106	183589	22.636	ug/L	91
54) o-Xylene	12.160	106	170442	22.589	ug/L	74
55) Styrene	12.178	104	298607	23.510	ug/L	85
57) 1,1,2,2-Tetrachloroethane	12.708	83	96960	28.677	ug/L	93
59) Bromoform	12.343	173	48189	25.851	ug/L #	39
60) Isopropylbenzene	12.458	105	481510	23.381	ug/L	96
61) 1,2,3-Trichloropropane	12.763	75	70579	29.609	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	399726	24.649	ug/L	91
63) 1,2,4-Trimethylbenzene	13.245	105	384541	24.139	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	193446	21.540	ug/L	88
65) 1,4-Dichlorobenzene	13.574	146	211167	23.277	ug/L	88
67) 1,2-Dichlorobenzene	13.867	146	177436	22.586	ug/L #	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	16134	31.172	ug/L #	74
69) 1,3,5-Trichlorobenzene	14.623	180	132044	21.638	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	113096	23.635	ug/L	97
71) Naphthalene	15.360	128	216288	28.057	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	98878	24.142	ug/L	96

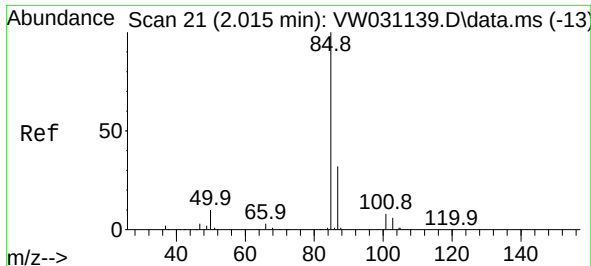
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120924\
Data File : VW031160.D
Acq On : 09 Dec 2024 13:39
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 10 01:06:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 06 23:31:46 2024
Response via : Initial Calibration

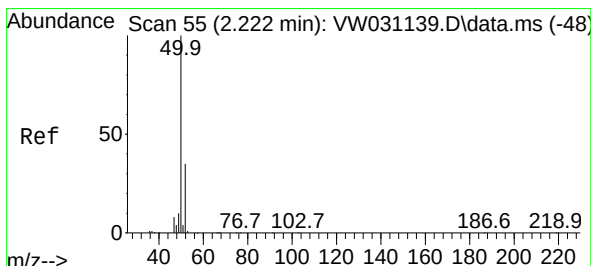
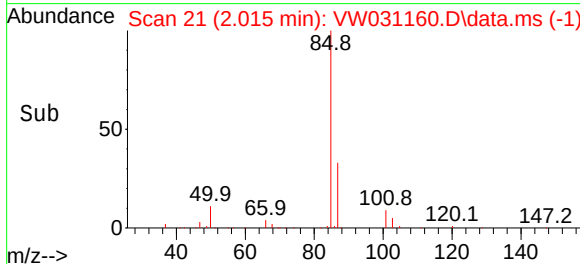
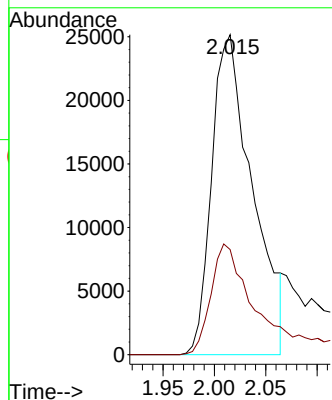
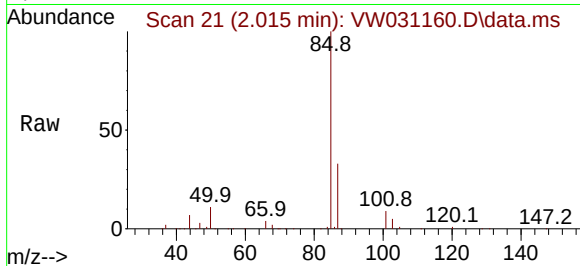




#2
 Dichlorodifluoromethane
 Concen: 19.393 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031160.D
 Acq: 09 Dec 2024 13:39

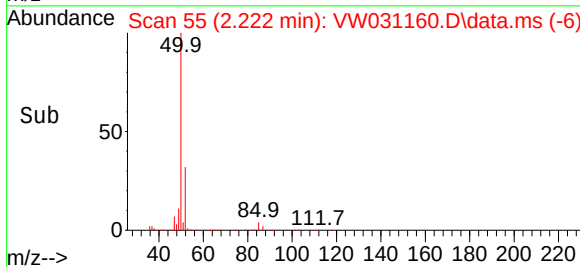
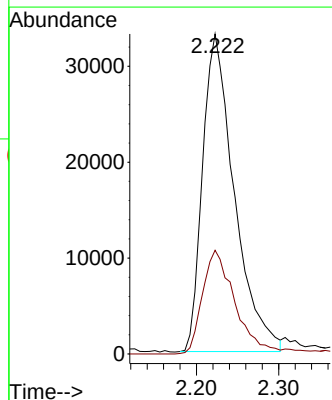
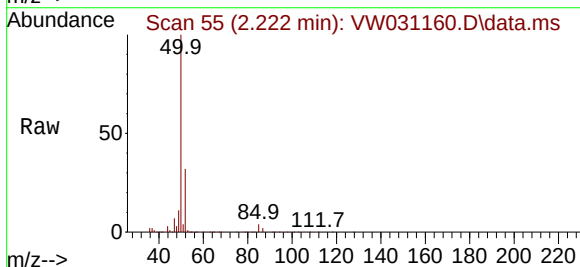
Instrument :
 MSVOA_W
 ClientSampleId :

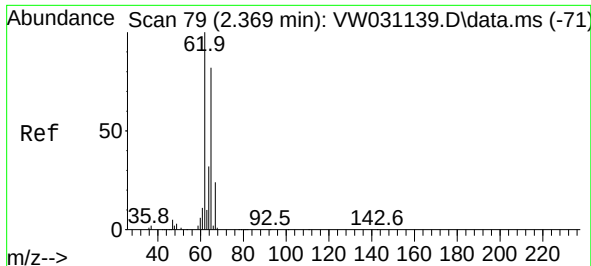
Tgt Ion: 85 Resp: 69445
 Ion Ratio Lower Upper
 85 100
 87 35.2 23.8 35.6



#3
 Chloromethane
 Concen: 21.013 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW031160.D
 Acq: 09 Dec 2024 13:39

Tgt Ion: 50 Resp: 88748
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.4 43.6

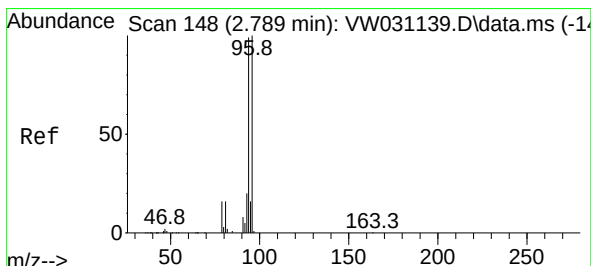
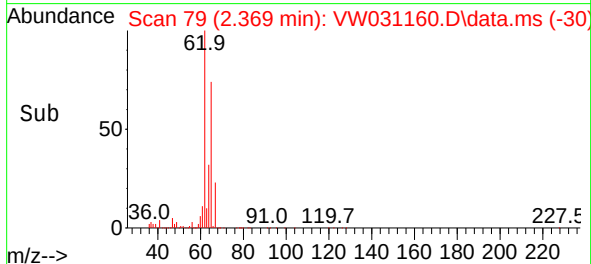
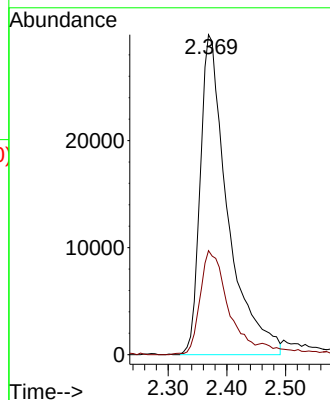
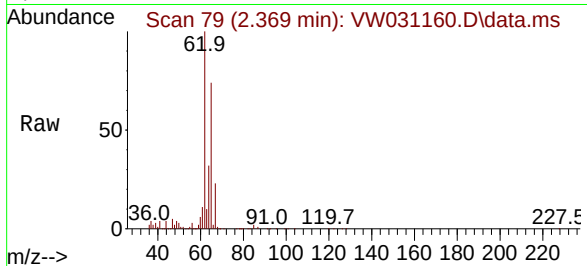




#5
 Vinyl chloride
 Concen: 19.141 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: VW031160.D
 Acq: 09 Dec 2024 13:39

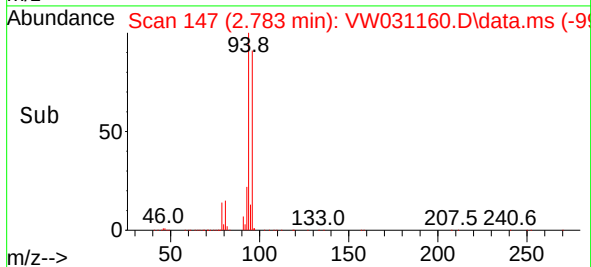
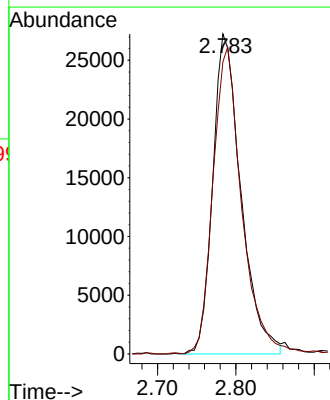
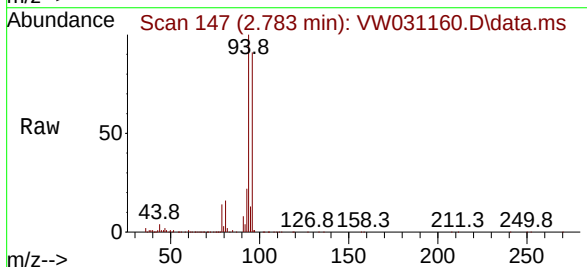
Instrument :
 MSVOA_W
 ClientSampleId :

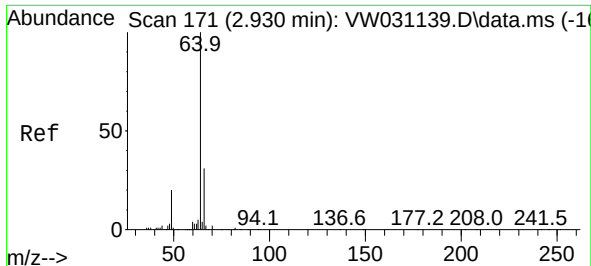
Tgt Ion: 62 Resp: 97110
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.7 42.1



#6
 Bromomethane
 Concen: 21.073 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW031160.D
 Acq: 09 Dec 2024 13:39

Tgt Ion: 94 Resp: 67984
 Ion Ratio Lower Upper
 94 100
 96 92.2 62.6 116.3

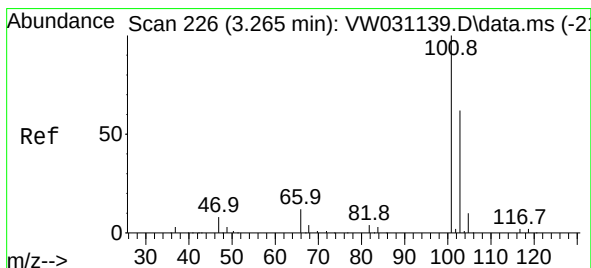
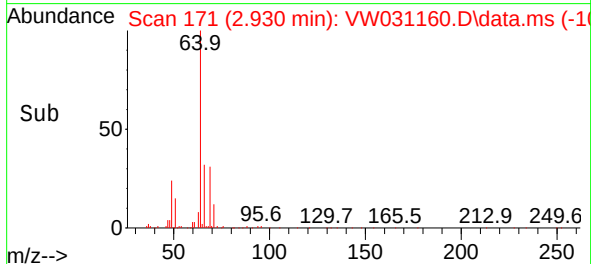
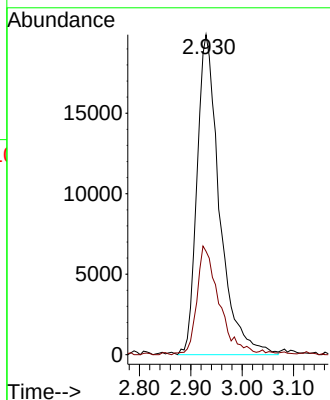
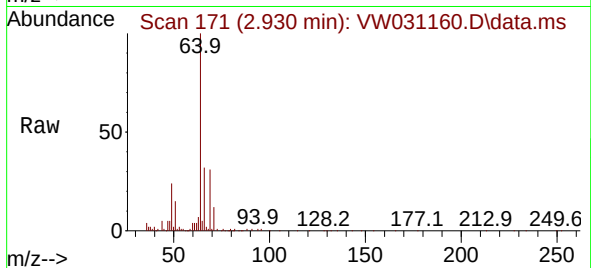




#8
Chloroethane
Concen: 19.952 ug/L
RT: 2.930 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031160.D
Acq: 09 Dec 2024 13:39

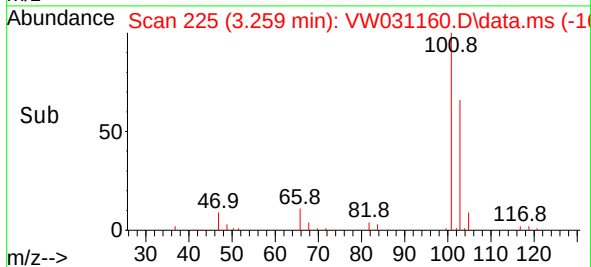
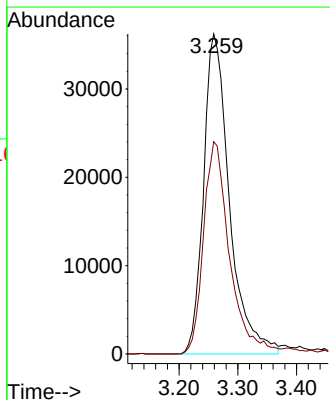
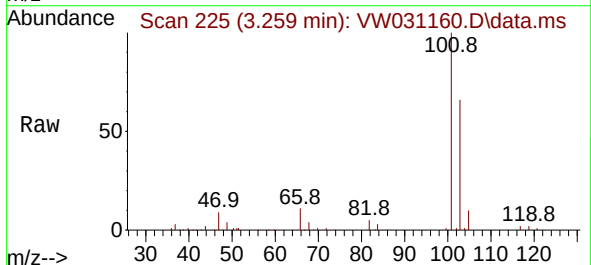
Instrument :
MSVOA_W
ClientSampleId :

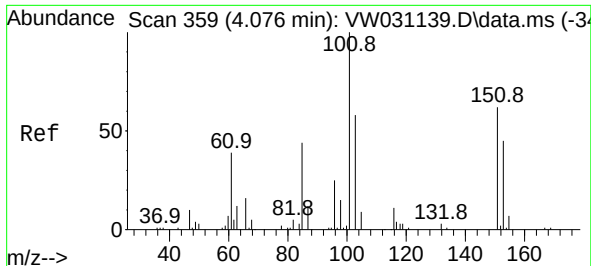
Tgt Ion: 64 Resp: 60545
Ion Ratio Lower Upper
64 100
66 32.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 20.789 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW031160.D
Acq: 09 Dec 2024 13:39

Tgt Ion:101 Resp: 110974
Ion Ratio Lower Upper
101 100
103 65.1 50.7 76.1





#10

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

Concen: 21.875 ug/L

RT: 4.064 min Scan# 357

Delta R.T. -0.012 min

Lab File: VW031160.D

Acq: 09 Dec 2024 13:39

Instrument :

MSVOA_W

ClientSampleId :

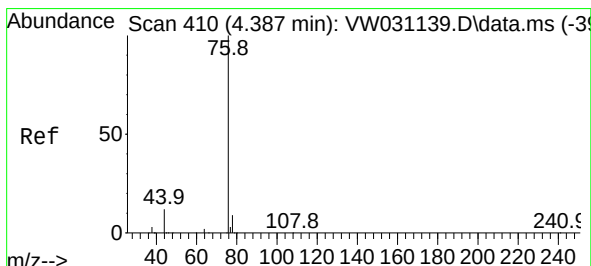
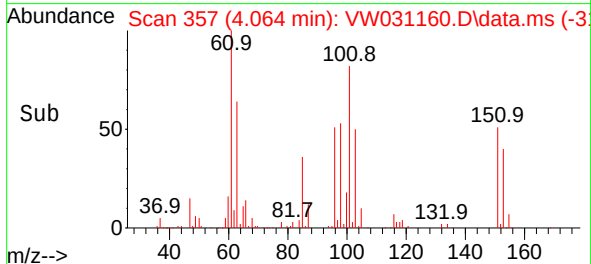
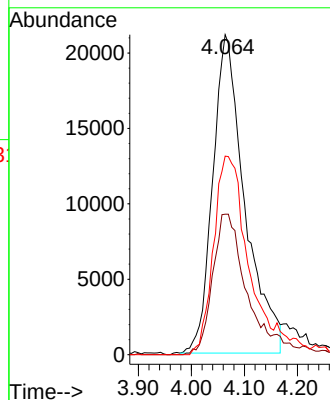
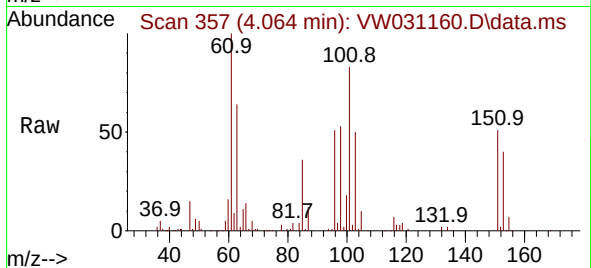
Tgt Ion:101 Resp: 88713

Ion Ratio Lower Upper

101 100

85 44.4 33.9 50.9

151 65.1 61.8 92.6



#14

Carbon disulfide

Concen: 21.890 ug/L

RT: 4.387 min Scan# 410

Delta R.T. 0.000 min

Lab File: VW031160.D

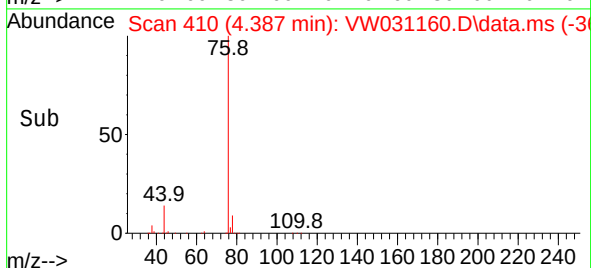
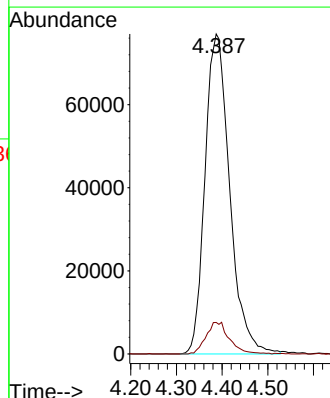
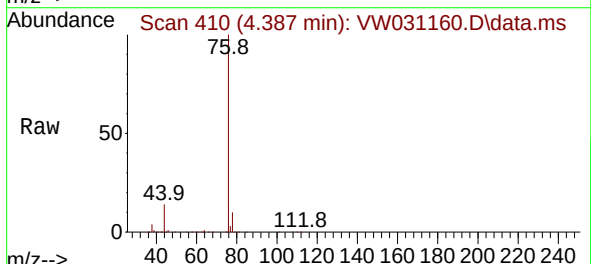
Acq: 09 Dec 2024 13:39

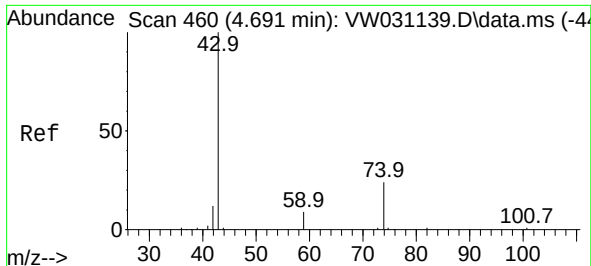
Tgt Ion: 76 Resp: 289115

Ion Ratio Lower Upper

76 100

78 10.0 7.4 11.2





#15

Methyl Acetate

Concen: 28.837 ug/L

RT: 4.692 min Scan# 4

Delta R.T. 0.000 min

Lab File: VW031160.D

Acq: 09 Dec 2024 13:39

Instrument :

MSVOA_W

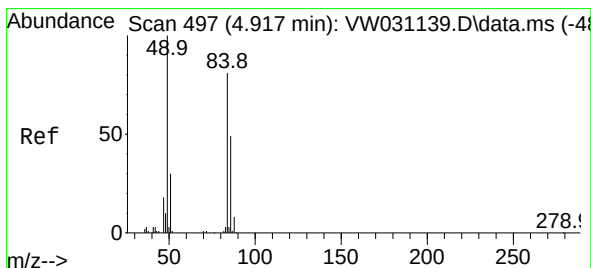
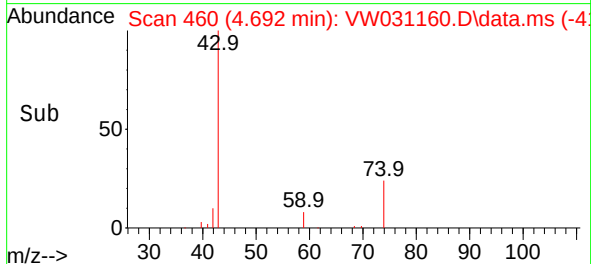
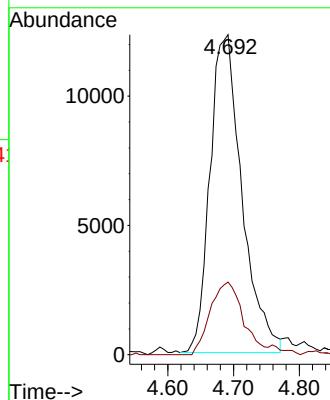
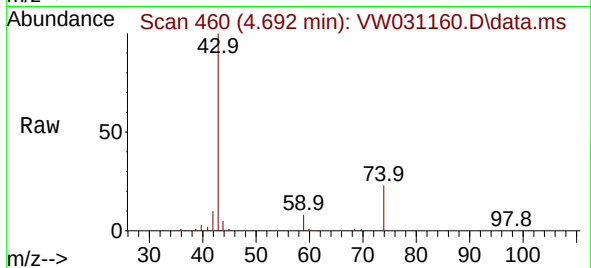
ClientSampleId :

Tgt Ion: 43 Resp: 41577

Ion Ratio Lower Upper

43 100

74 23.5 20.8 31.2



#16

Methylene chloride

Concen: 24.035 ug/L

RT: 4.911 min Scan# 496

Delta R.T. -0.006 min

Lab File: VW031160.D

Acq: 09 Dec 2024 13:39

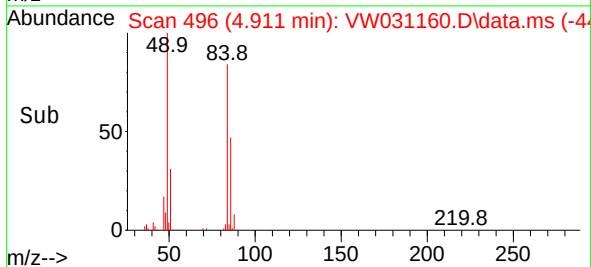
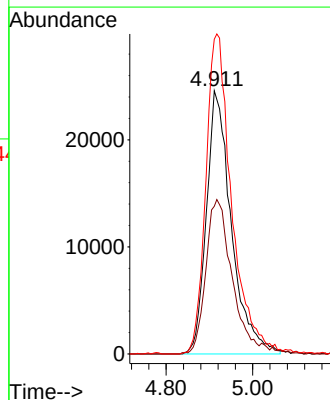
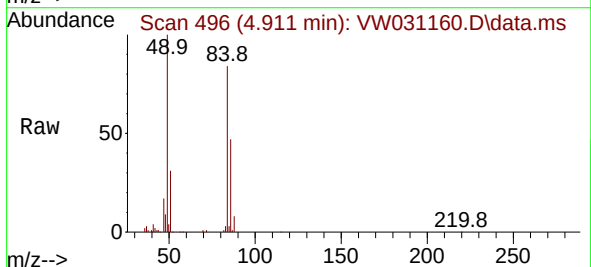
Tgt Ion: 84 Resp: 98645

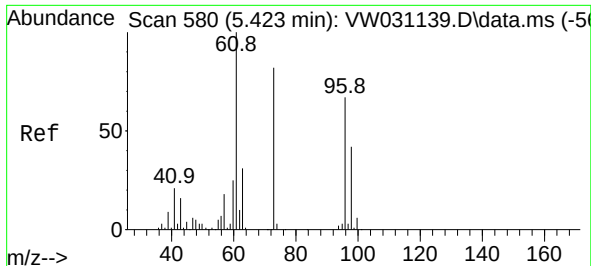
Ion Ratio Lower Upper

84 100

86 57.2 44.9 83.5

49 119.6 79.9 148.5





#17

trans-1,2-Dichloroethene

Concen: 22.849 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW031160.D

Acq: 09 Dec 2024 13:39

Instrument :

MSVOA_W

ClientSampleId :

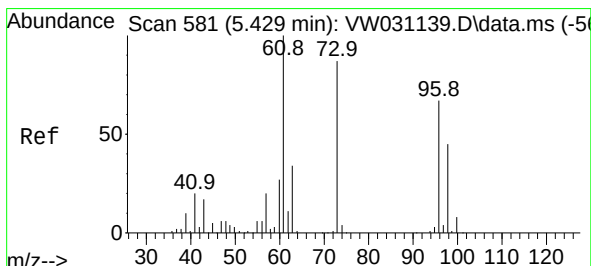
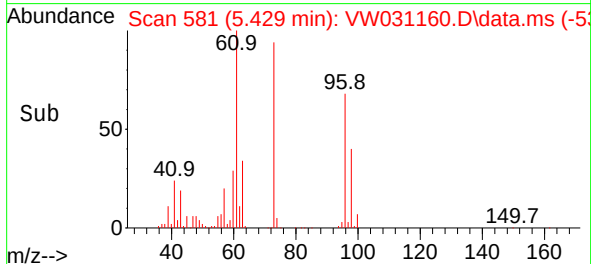
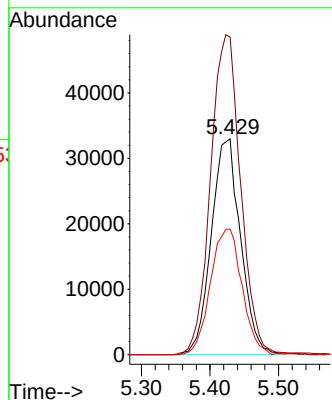
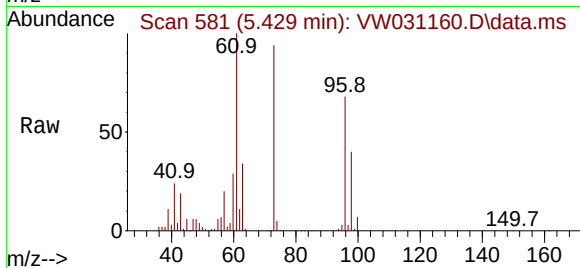
Tgt Ion: 96 Resp: 97817

Ion Ratio Lower Upper

96 100

61 147.2 92.7 172.3

98 58.2 44.4 82.4



#18

Methyl tert-butyl Ether

Concen: 27.006 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW031160.D

Acq: 09 Dec 2024 13:39

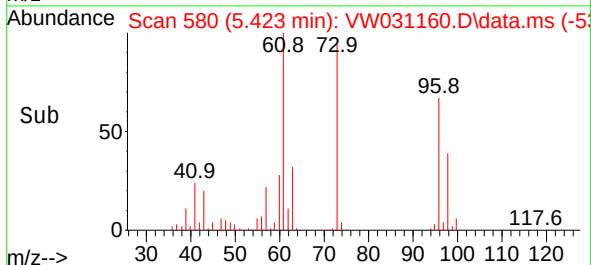
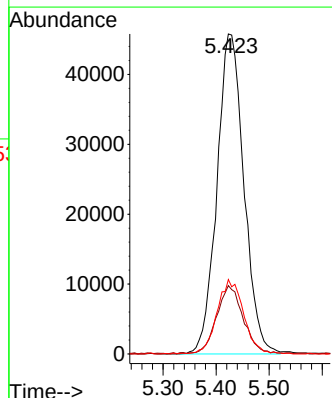
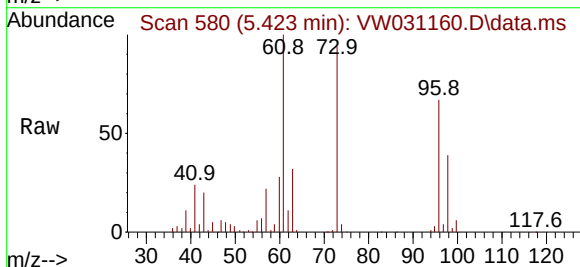
Tgt Ion: 73 Resp: 161744

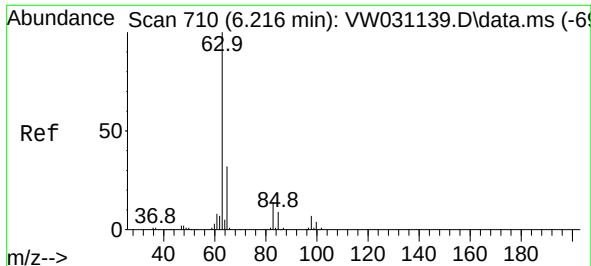
Ion Ratio Lower Upper

73 100

43 20.9 15.4 23.0

57 22.7 17.6 26.4





#19

1,1-Dichloroethane

Concen: 25.301 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

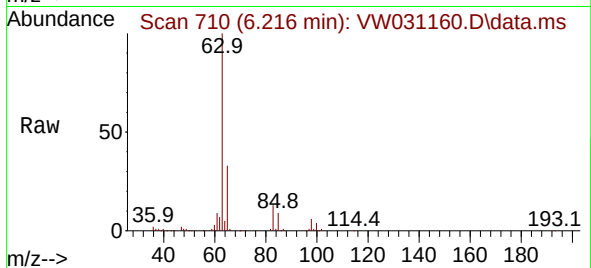
Lab File: VW031160.D

Acq: 09 Dec 2024 13:39

Instrument :

MSVOA_W

ClientSampleId :



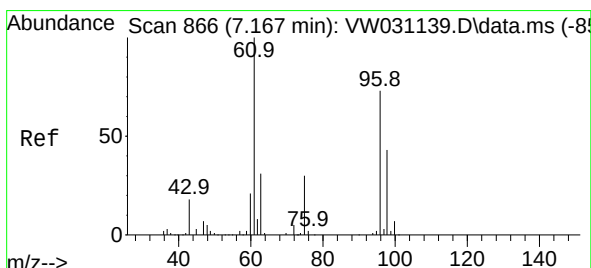
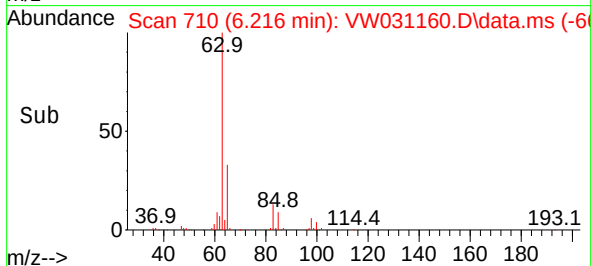
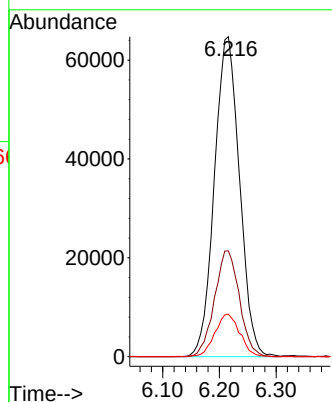
Tgt Ion: 63 Resp: 199228

Ion Ratio Lower Upper

63 100

65 33.1 21.7 40.3

83 13.3 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 23.611 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW031160.D

Acq: 09 Dec 2024 13:39

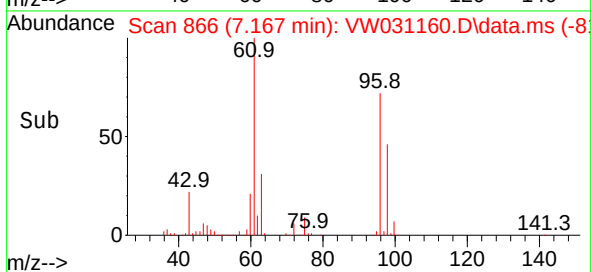
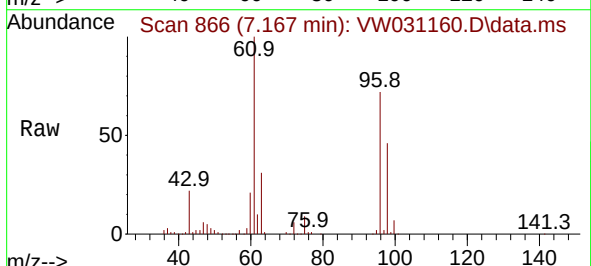
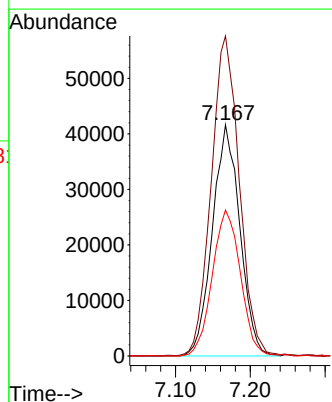
Tgt Ion: 96 Resp: 106171

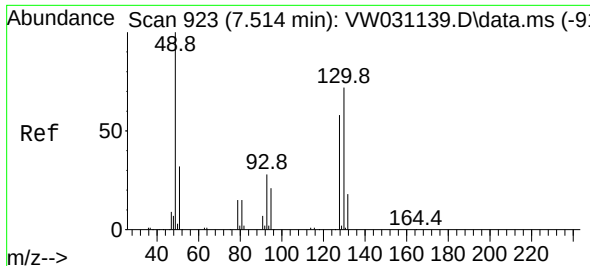
Ion Ratio Lower Upper

96 100

61 138.4 83.7 155.5

98 63.1 43.9 81.5

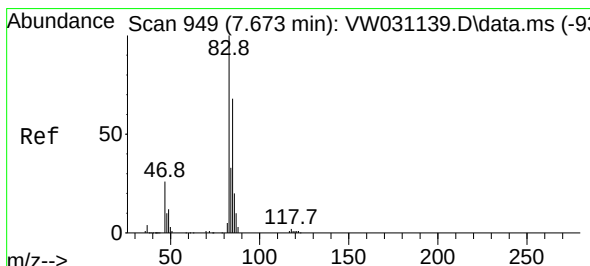
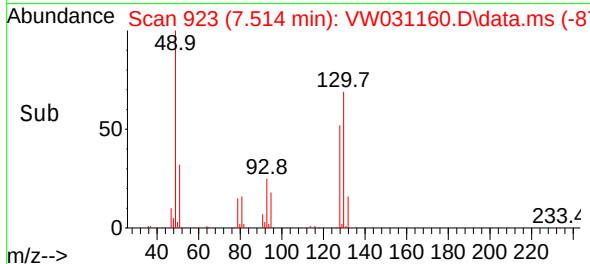
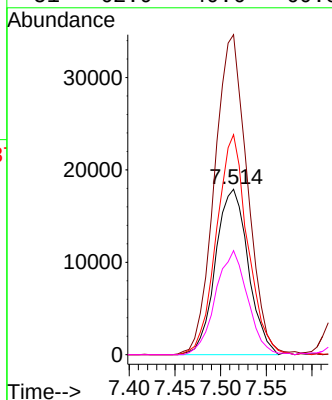
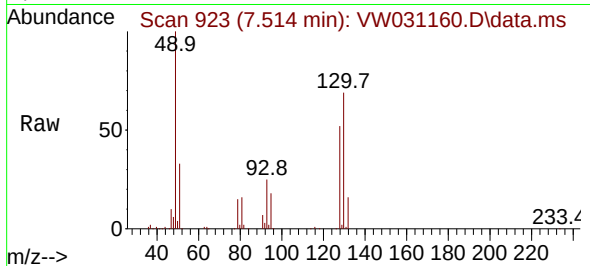




#23
Bromochloromethane
Concen: 23.369 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW031160.D
Acq: 09 Dec 2024 13:39

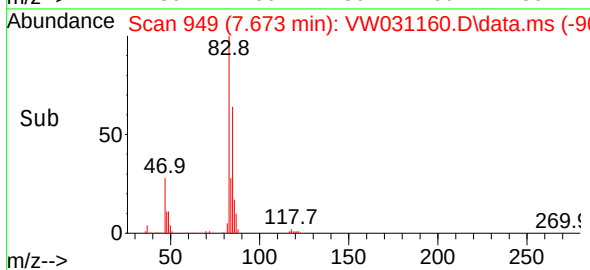
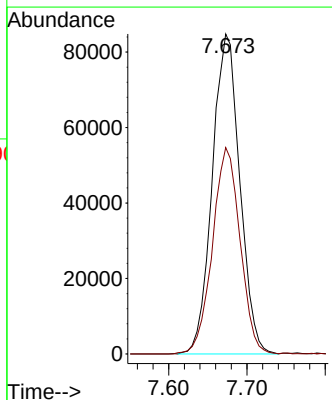
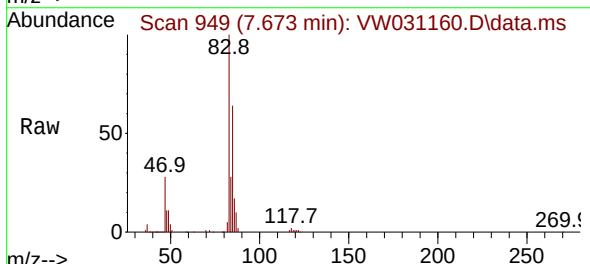
Instrument :
MSVOA_W
ClientSampleId :

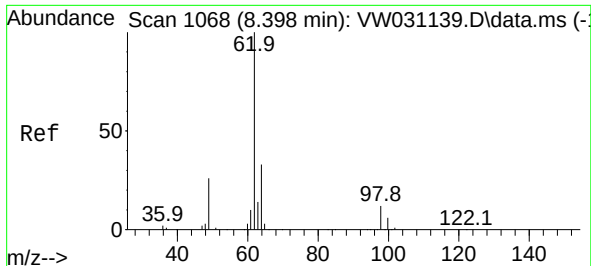
Tgt Ion:128 Resp: 44616
Ion Ratio Lower Upper
128 100
49 193.3 110.9 206.1
130 132.9 93.7 173.9
51 62.9 40.6 60.8#



#25
Chloroform
Concen: 25.255 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW031160.D
Acq: 09 Dec 2024 13:39

Tgt Ion: 83 Resp: 206833
Ion Ratio Lower Upper
83 100
85 64.5 46.5 86.3





#27

1,2-Dichloroethane

Concen: 28.005 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031160.D

Acq: 09 Dec 2024 13:39

Instrument :

MSVOA_W

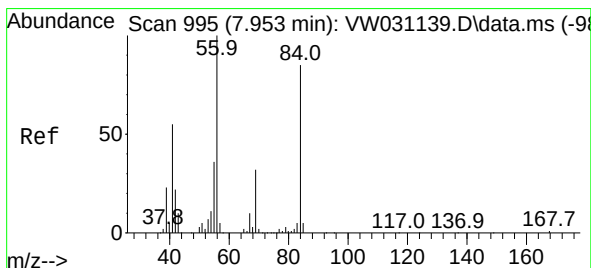
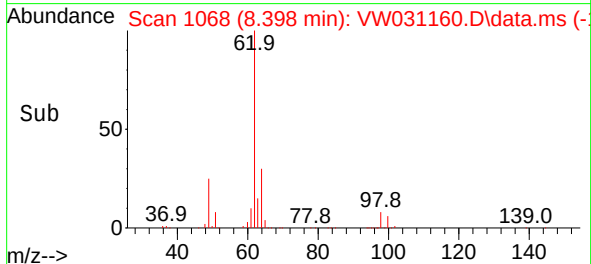
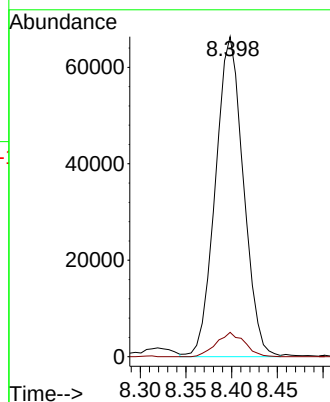
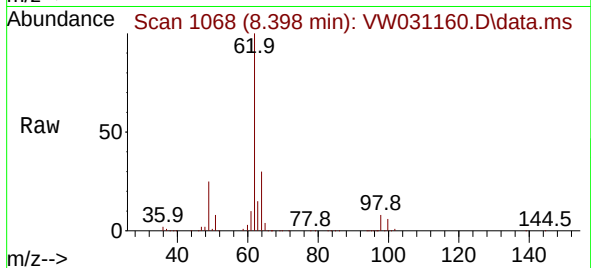
ClientSampleId :

Tgt Ion: 62 Resp: 141275

Ion Ratio Lower Upper

62 100

98 7.6 7.7 11.5#



#29

Cyclohexane

Concen: 23.603 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW031160.D

Acq: 09 Dec 2024 13:39

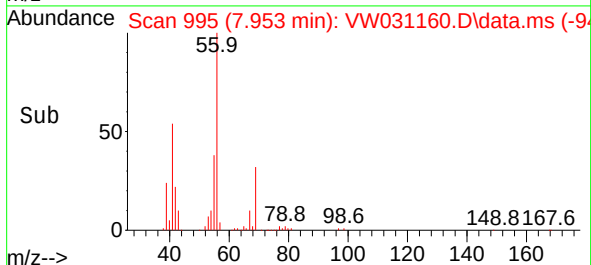
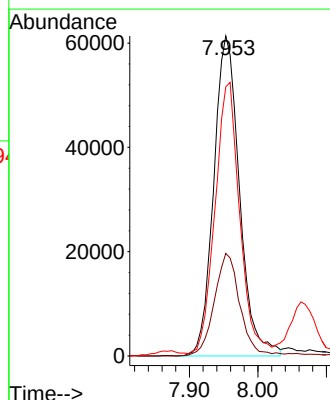
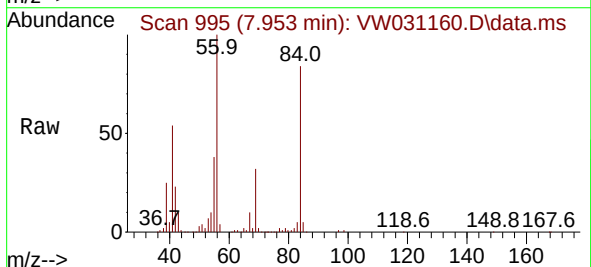
Tgt Ion: 56 Resp: 160387

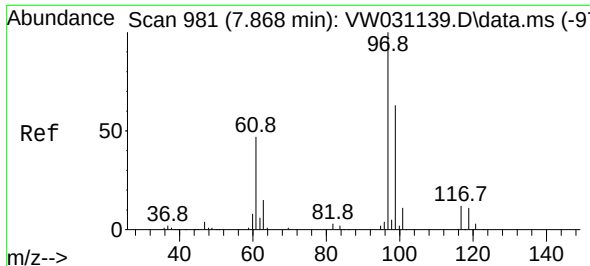
Ion Ratio Lower Upper

56 100

69 31.4 25.4 38.2

84 81.9 71.1 106.7





#30

1,1,1-Trichloroethane

Concen: 21.429 ug/L

RT: 7.868 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW031160.D

Acq: 09 Dec 2024 13:39

Instrument :

MSVOA_W

ClientSampleId :

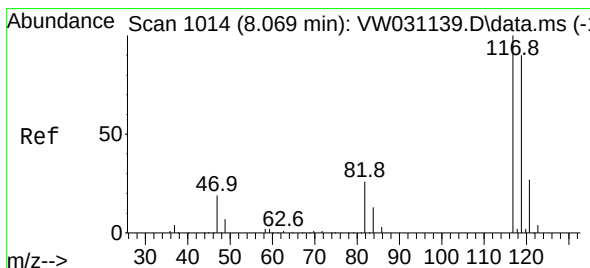
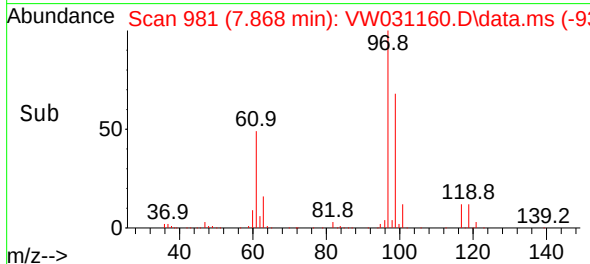
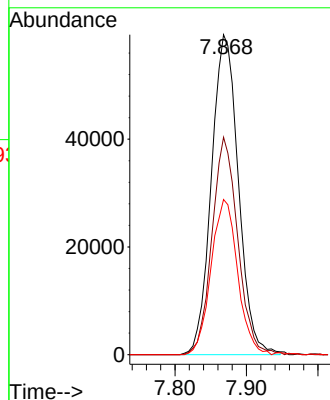
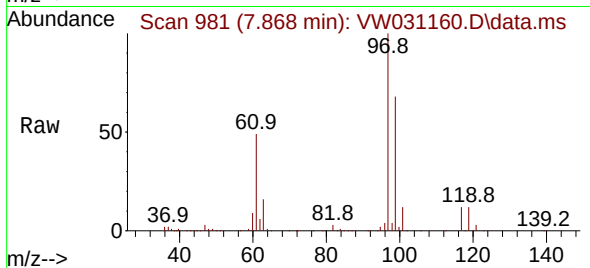
Tgt Ion: 97 Resp: 155827

Ion Ratio Lower Upper

97 100

99 64.9 51.6 77.4

61 47.7 33.8 50.6



#31

Carbon tetrachloride

Concen: 20.943 ug/L

RT: 8.063 min Scan# 1013

Delta R.T. -0.006 min

Lab File: VW031160.D

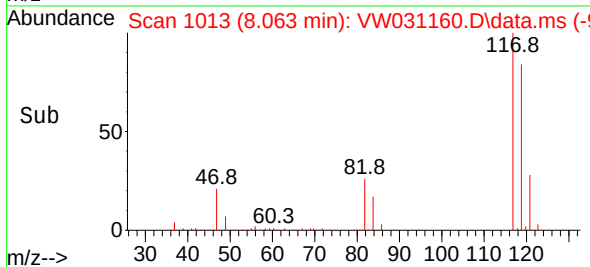
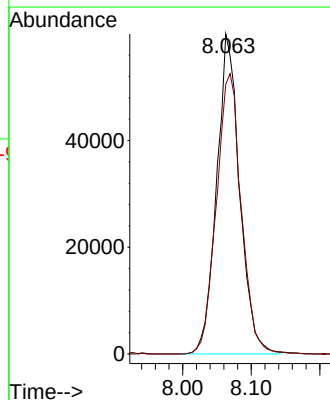
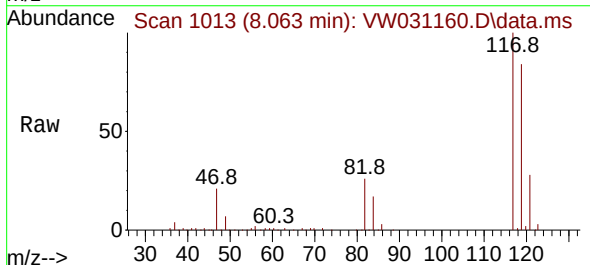
Acq: 09 Dec 2024 13:39

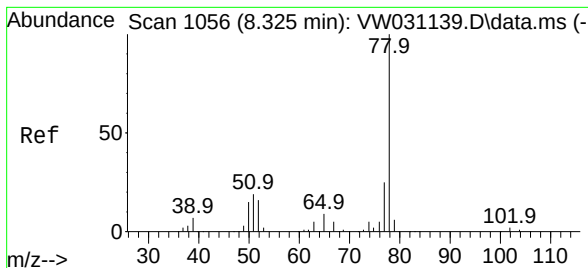
Tgt Ion: 117 Resp: 139162

Ion Ratio Lower Upper

117 100

119 94.8 75.8 113.8





#33

Benzene

Concen: 23.540 ug/L

RT: 8.319 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VW031160.D

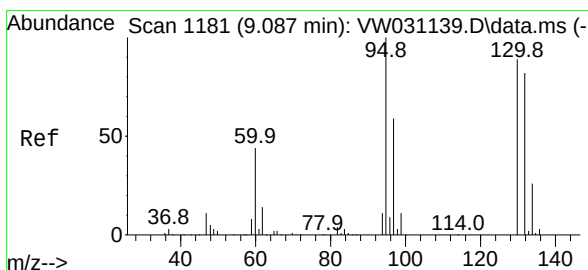
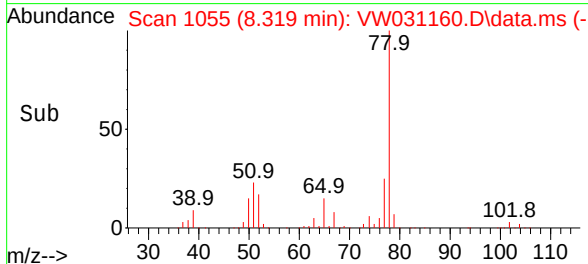
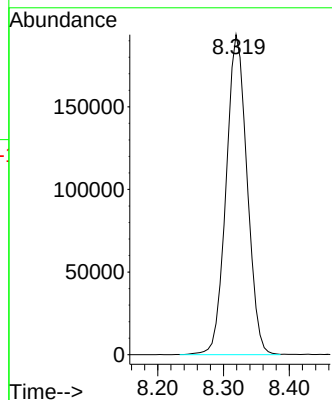
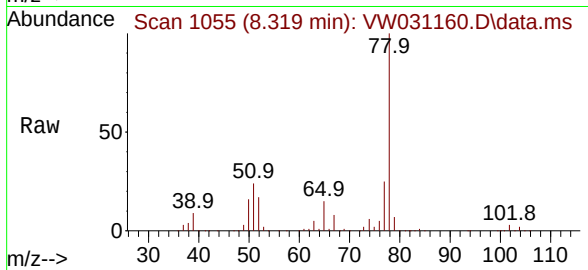
Acq: 09 Dec 2024 13:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 429750



#34

Trichloroethene

Concen: 22.308 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW031160.D

Acq: 09 Dec 2024 13:39

Tgt Ion: 95 Resp: 112337

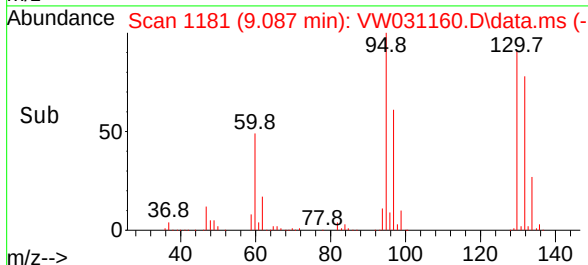
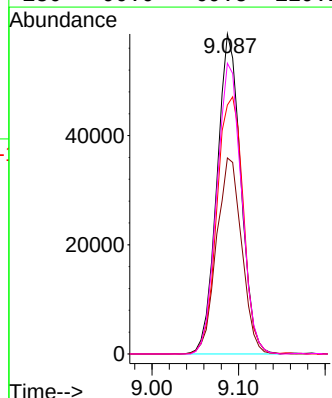
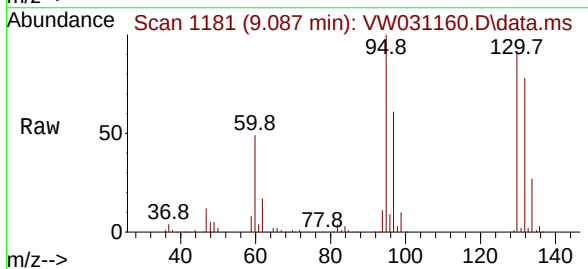
Ion Ratio Lower Upper

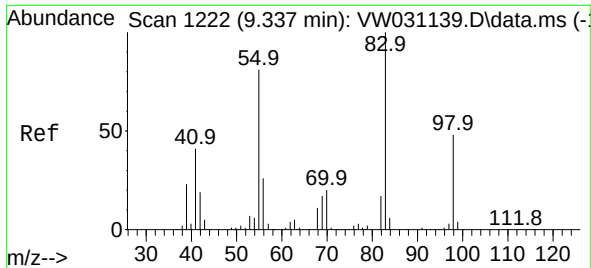
95 100

97 61.3 48.0 89.2

132 80.0 67.4 125.2

130 90.9 69.5 129.1





#35

Methylcyclohexane

Concen: 22.401 ug/L

RT: 9.331 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VW031160.D

Acq: 09 Dec 2024 13:39

Instrument :

MSVOA_W

ClientSampleId :

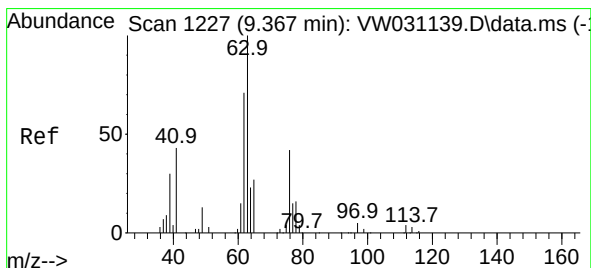
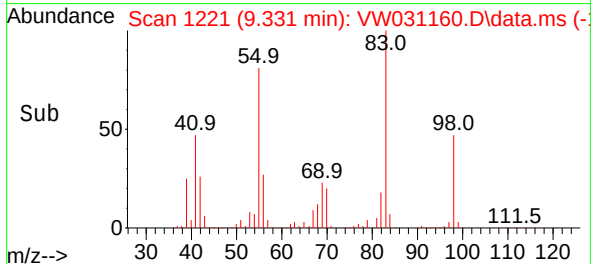
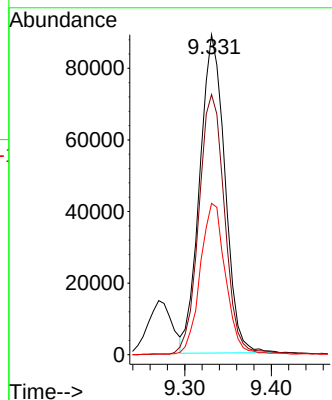
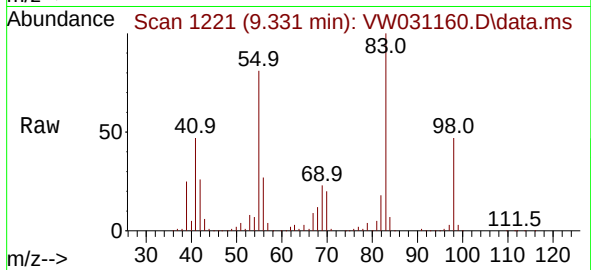
Tgt Ion: 83 Resp: 179501

Ion Ratio Lower Upper

83 100

55 83.9 59.5 89.3

98 47.5 38.7 58.1



#37

1,2-Dichloropropane

Concen: 25.494 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW031160.D

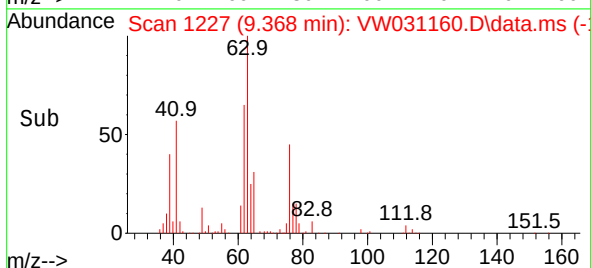
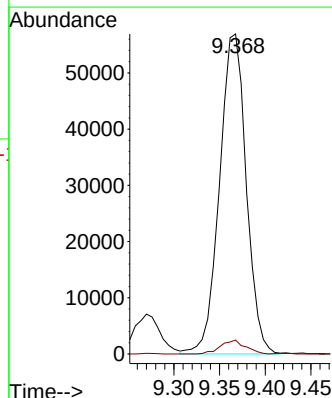
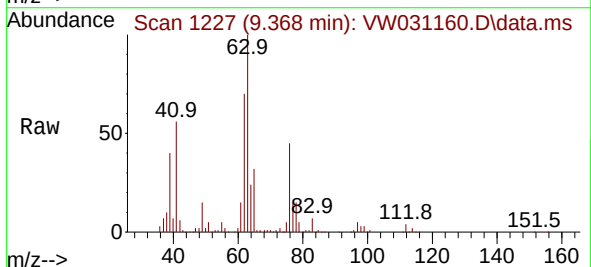
Acq: 09 Dec 2024 13:39

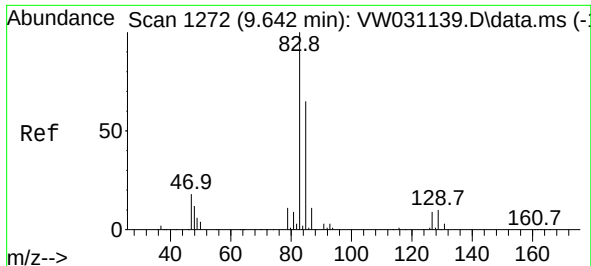
Tgt Ion: 63 Resp: 115776

Ion Ratio Lower Upper

63 100

112 4.0 3.9 5.9





#38

Bromodichloromethane

Concen: 24.742 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031160.D

Acq: 09 Dec 2024 13:39

Instrument :

MSVOA_W

ClientSampleId :

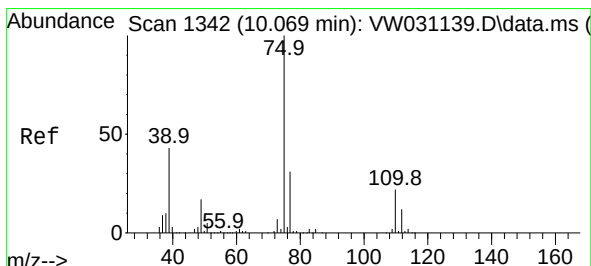
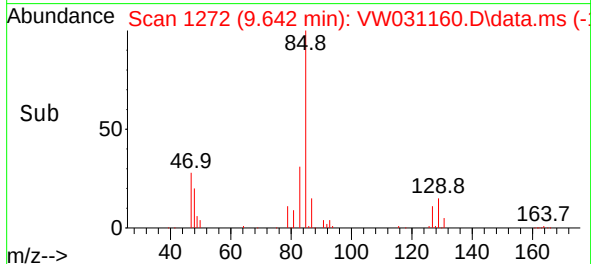
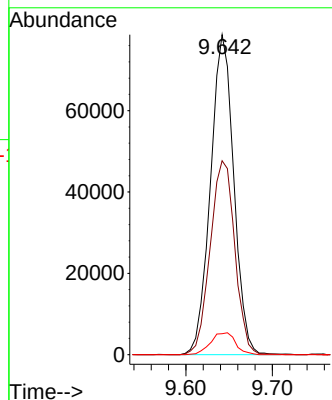
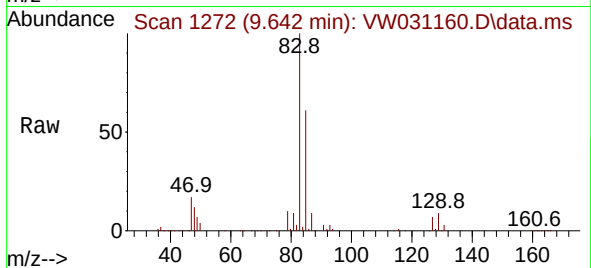
Tgt Ion: 83 Resp: 147077

Ion Ratio Lower Upper

83 100

85 60.6 48.7 90.5

127 6.5 7.2 10.8#



#39

cis-1,3-Dichloropropene

Concen: 25.477 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW031160.D

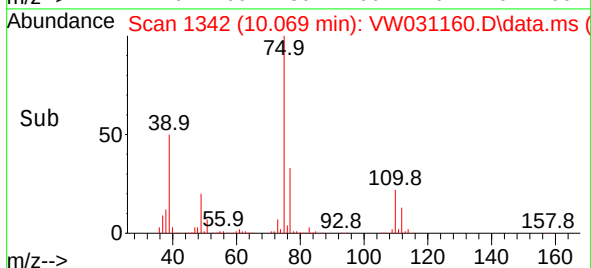
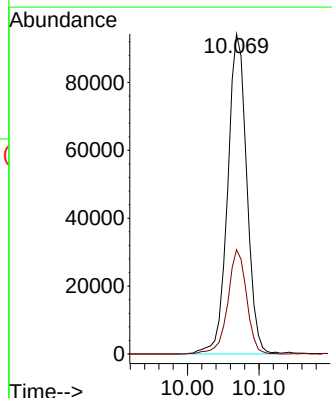
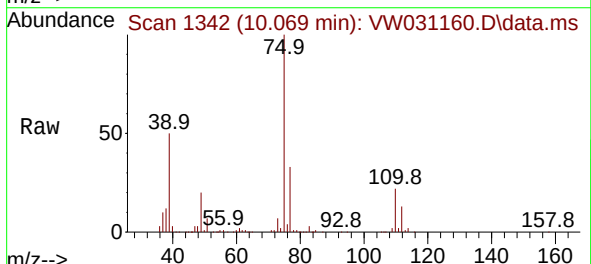
Acq: 09 Dec 2024 13:39

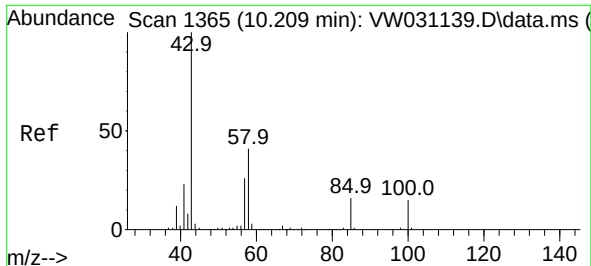
Tgt Ion: 75 Resp: 174689

Ion Ratio Lower Upper

75 100

77 32.6 21.6 40.2

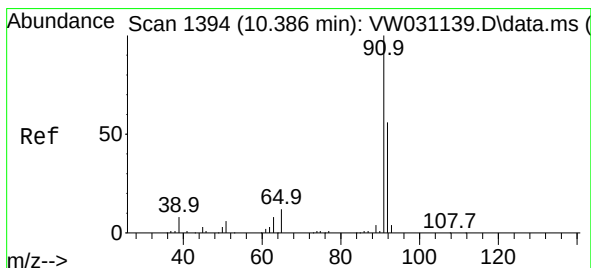
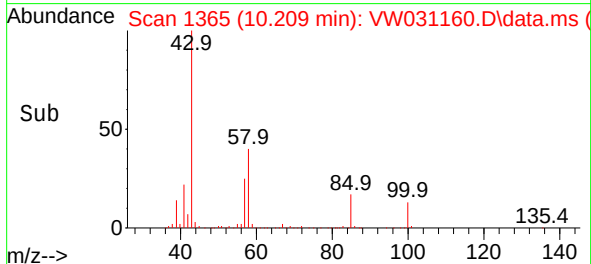
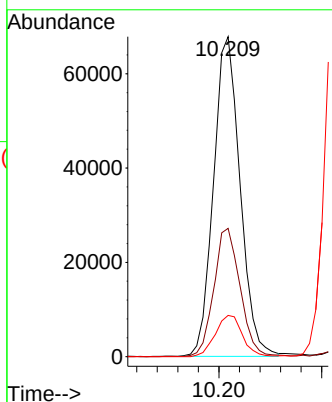
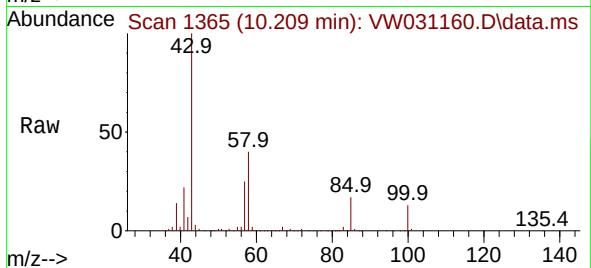




#40
4-Methyl-2-pentanone
Concen: 59.690 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW031160.D
Acq: 09 Dec 2024 13:39

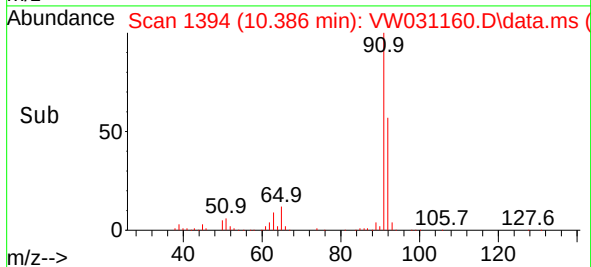
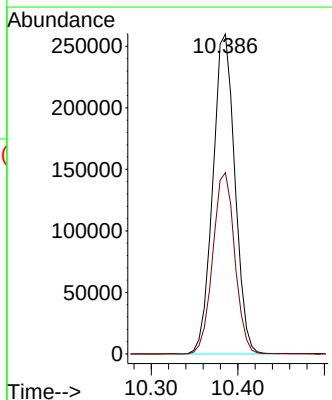
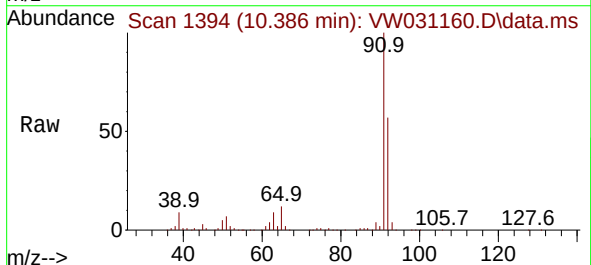
Instrument :
MSVOA_W
ClientSampleId :

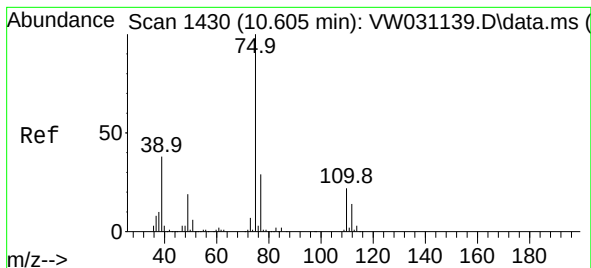
Tgt Ion: 43 Resp: 121388
Ion Ratio Lower Upper
43 100
58 39.9 33.7 50.5
100 13.3 14.2 21.2#



#42
Toluene
Concen: 23.903 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW031160.D
Acq: 09 Dec 2024 13:39

Tgt Ion: 91 Resp: 459673
Ion Ratio Lower Upper
91 100
92 56.7 40.8 75.8





#44

trans-1,3-Dichloropropene

Concen: 26.613 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031160.D

Acq: 09 Dec 2024 13:39

Instrument :

MSVOA_W

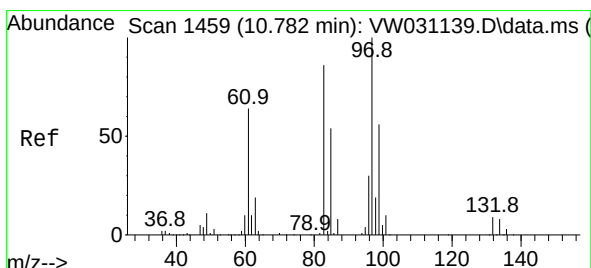
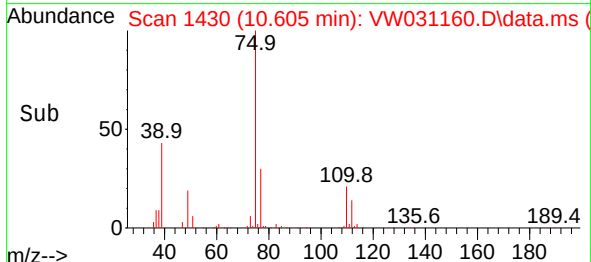
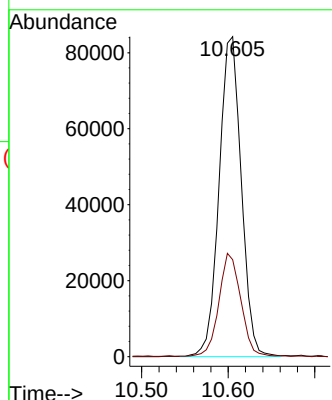
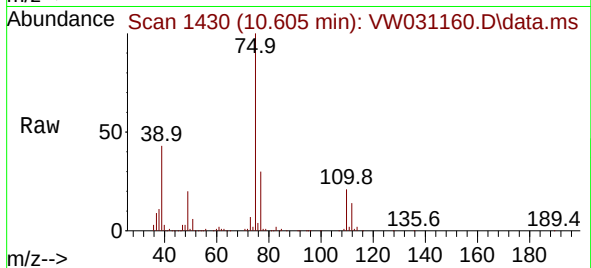
ClientSampleId :

Tgt Ion: 75 Resp: 150017

Ion Ratio Lower Upper

75 100

77 30.3 22.1 41.1



#45

1,1,2-Trichloroethane

Concen: 25.580 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW031160.D

Acq: 09 Dec 2024 13:39

Tgt Ion: 97 Resp: 79835

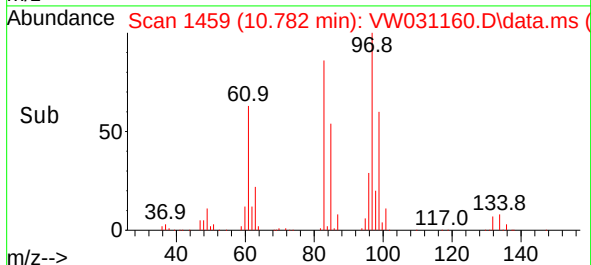
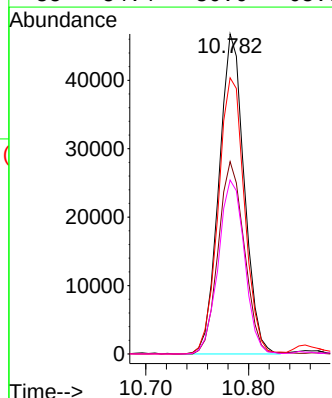
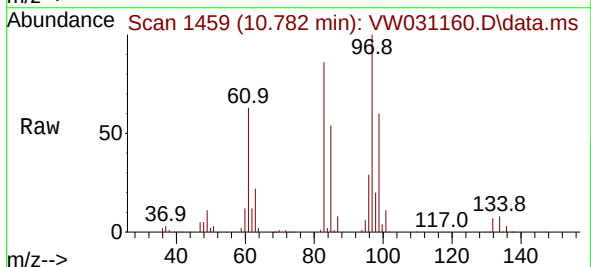
Ion Ratio Lower Upper

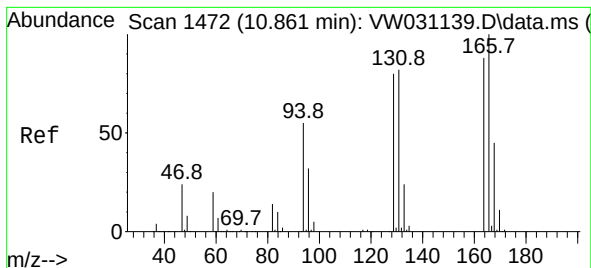
97 100

99 63.9 42.4 78.8

83 86.3 57.8 107.4

85 54.4 36.6 68.0





#46

Tetrachloroethene

Concen: 19.532 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

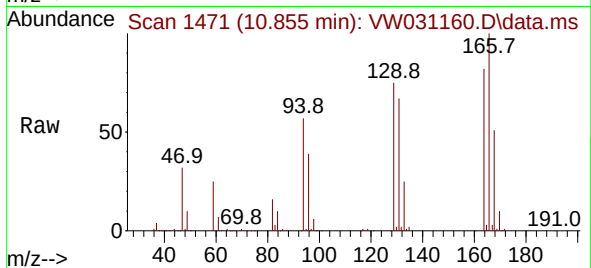
Lab File: VW031160.D

Acq: 09 Dec 2024 13:39

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 72916

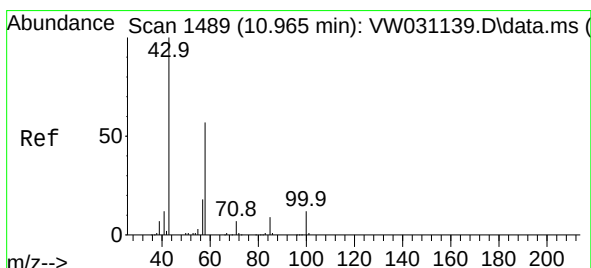
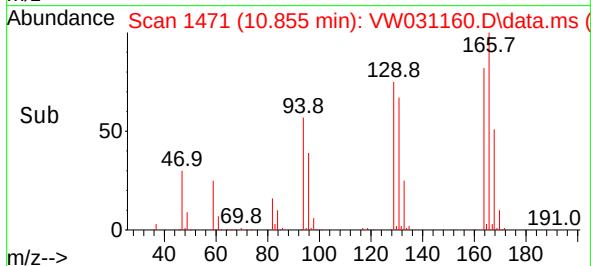
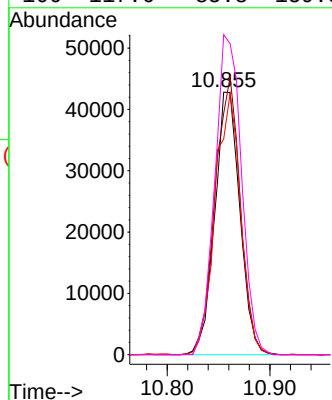
Ion Ratio Lower Upper

164 100

129 88.8 61.9 114.9

131 81.6 67.9 126.1

166 117.6 85.8 159.3



#48

2-Hexanone

Concen: 55.881 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW031160.D

Acq: 09 Dec 2024 13:39

Tgt Ion: 43 Resp: 102813

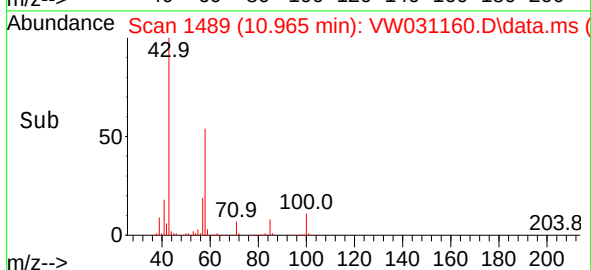
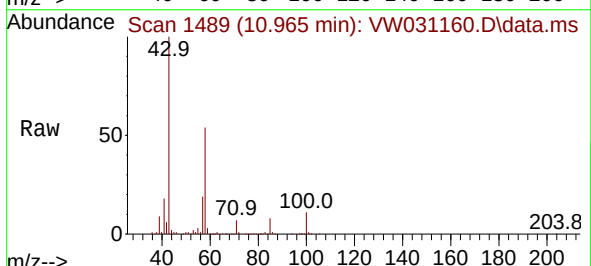
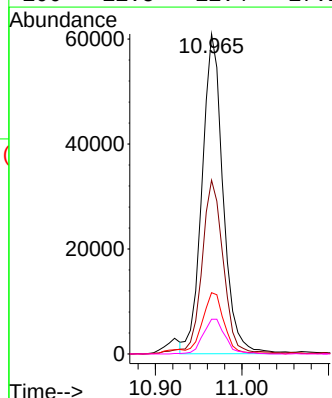
Ion Ratio Lower Upper

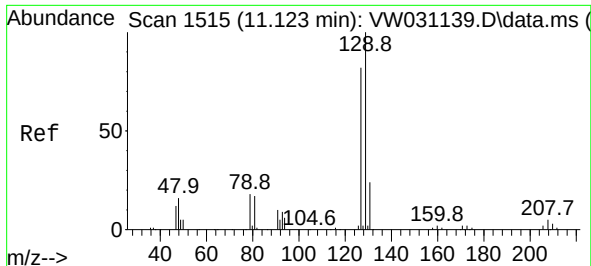
43 100

58 53.3 49.8 74.6

57 19.8 16.6 24.8

100 11.5 11.4 17.2





#49

Dibromochloromethane

Concen: 24.413 ug/L

RT: 11.129 min Scan# 1515

Delta R.T. 0.006 min

Lab File: VW031160.D

Acq: 09 Dec 2024 13:39

Instrument :

MSVOA_W

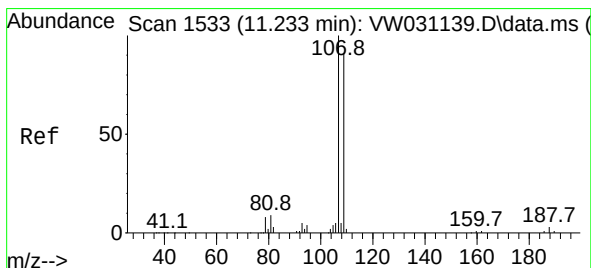
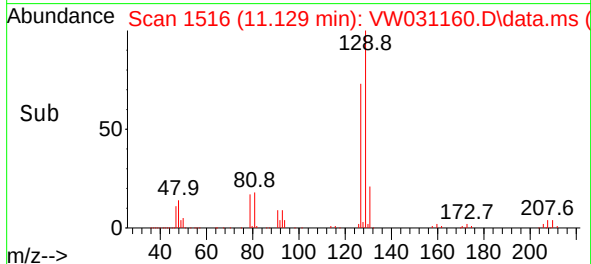
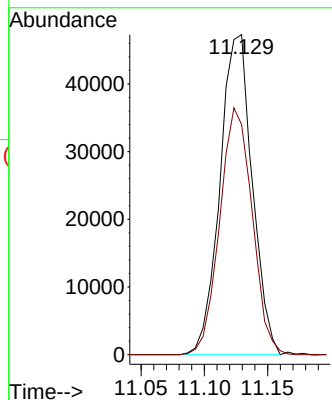
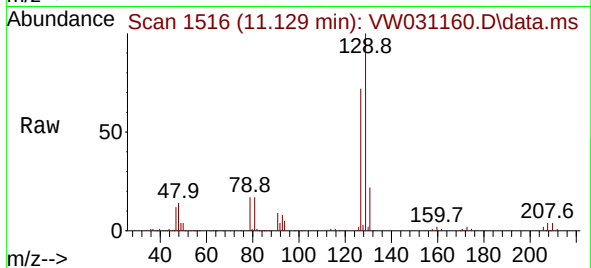
ClientSampleId :

Tgt Ion:129 Resp: 83936

Ion Ratio Lower Upper

129 100

127 75.0 51.4 95.4



#50

1,2-Dibromoethane

Concen: 25.933 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW031160.D

Acq: 09 Dec 2024 13:39

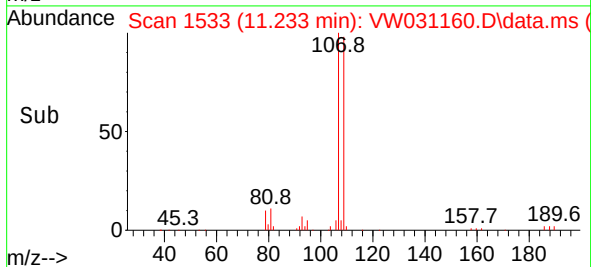
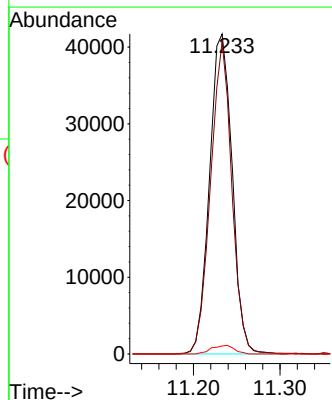
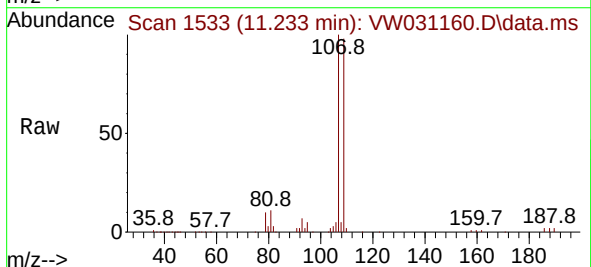
Tgt Ion:107 Resp: 75636

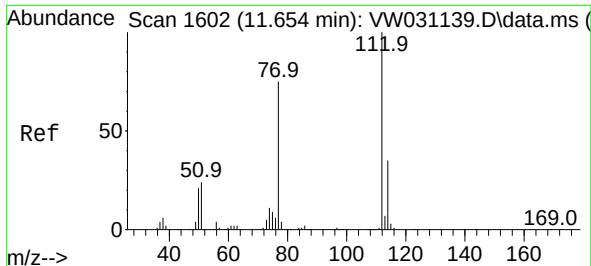
Ion Ratio Lower Upper

107 100

109 97.6 71.0 131.9

188 2.5 3.0 4.4#





#51

Chlorobenzene

Concen: 21.602 ug/L

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031160.D

Acq: 09 Dec 2024 13:39

Instrument :

MSVOA_W

ClientSampleId :

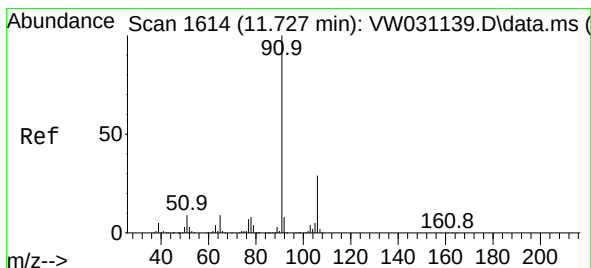
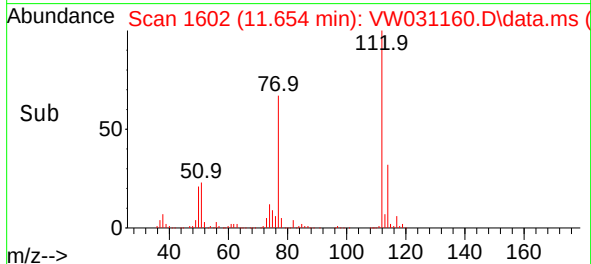
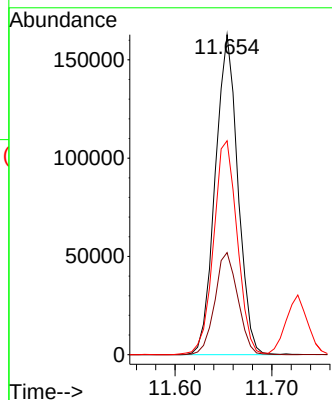
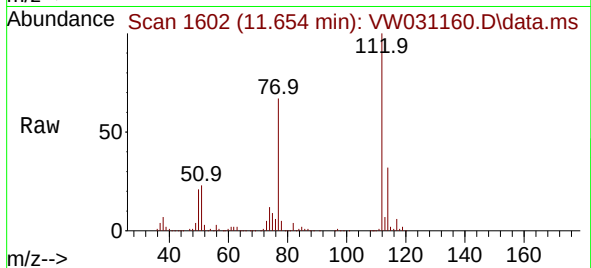
Tgt Ion:112 Resp: 265180

Ion Ratio Lower Upper

112 100

114 31.9 21.2 39.4

77 66.8 45.4 68.0



#52

Ethylbenzene

Concen: 23.901 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW031160.D

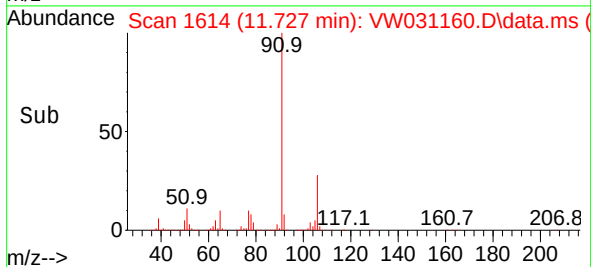
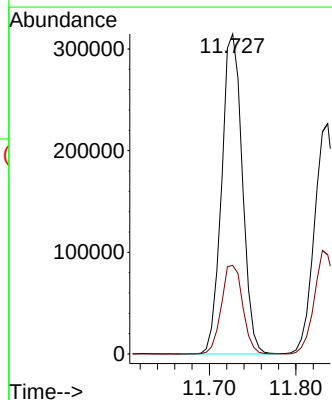
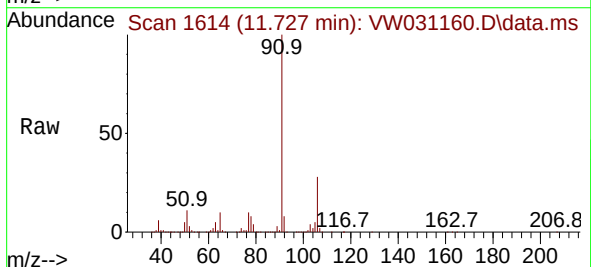
Acq: 09 Dec 2024 13:39

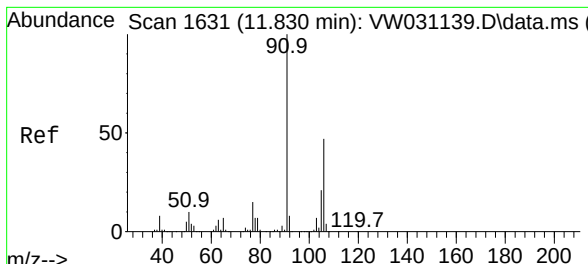
Tgt Ion: 91 Resp: 520859

Ion Ratio Lower Upper

91 100

106 27.7 21.3 39.5



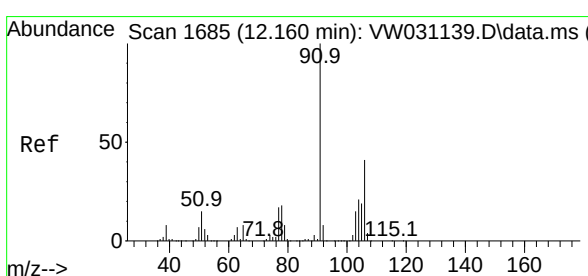
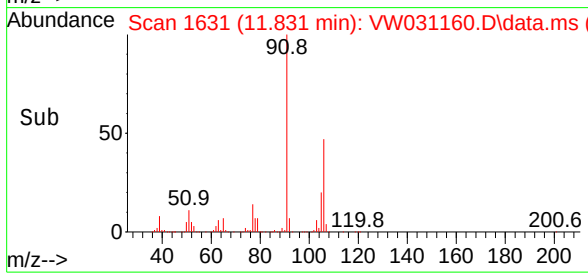
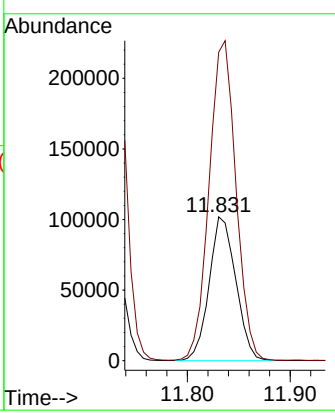
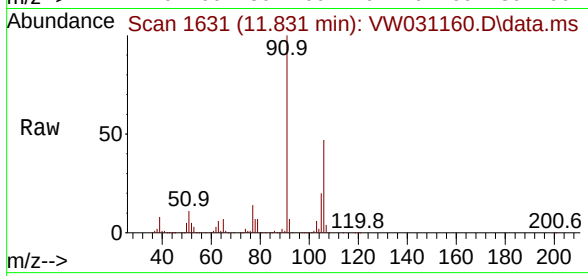


#53
 m,p-Xylene
 Concen: 22.636 ug/L
 RT: 11.831 min Scan# 1631
 Delta R.T. 0.000 min
 Lab File: VW031160.D
 Acq: 09 Dec 2024 13:39

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:106 Resp: 183589

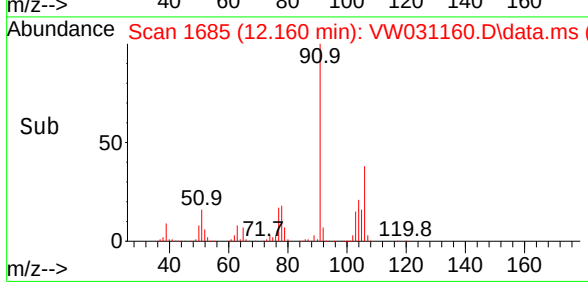
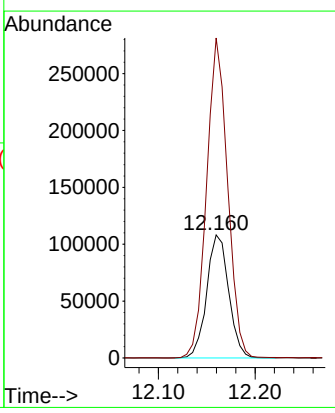
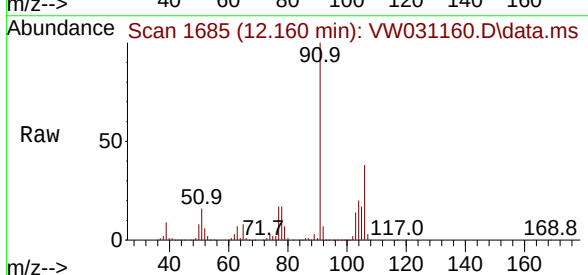
Ion	Ratio	Lower	Upper
106	100		
91	214.4	140.9	261.7

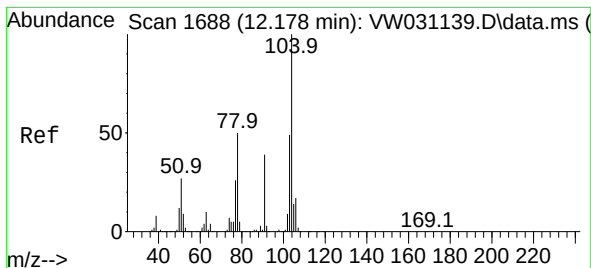


#54
 o-Xylene
 Concen: 22.589 ug/L
 RT: 12.160 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VW031160.D
 Acq: 09 Dec 2024 13:39

Tgt Ion:106 Resp: 170442

Ion	Ratio	Lower	Upper
106	100		
91	260.0	152.7	283.5





#55

Styrene

Concen: 23.510 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031160.D

Acq: 09 Dec 2024 13:39

Instrument :

MSVOA_W

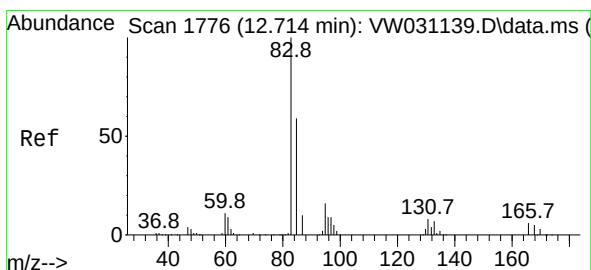
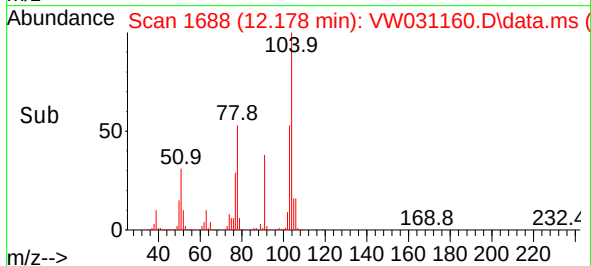
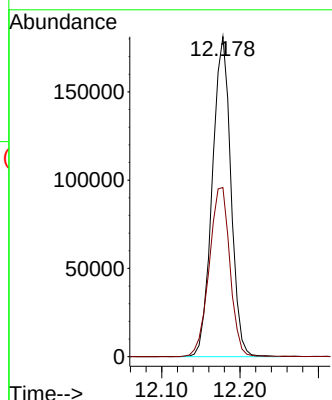
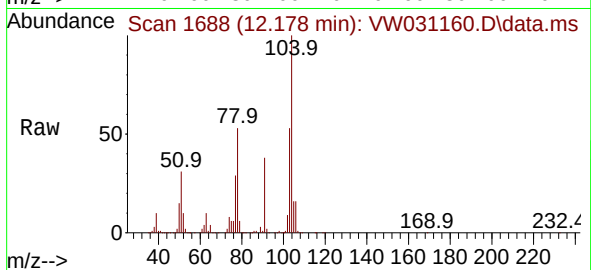
ClientSampleId :

Tgt Ion:104 Resp: 298607

Ion Ratio Lower Upper

104 100

78 52.8 30.2 56.0



#57

1,1,2,2-Tetrachloroethane

Concen: 28.677 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW031160.D

Acq: 09 Dec 2024 13:39

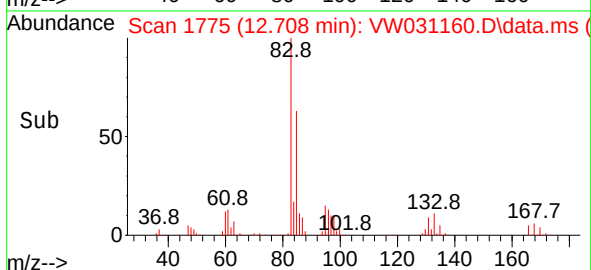
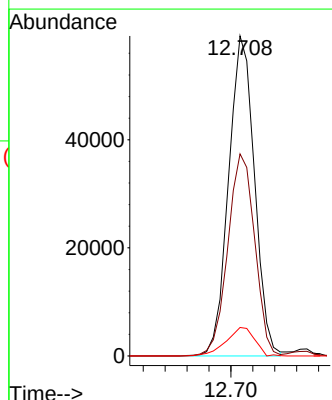
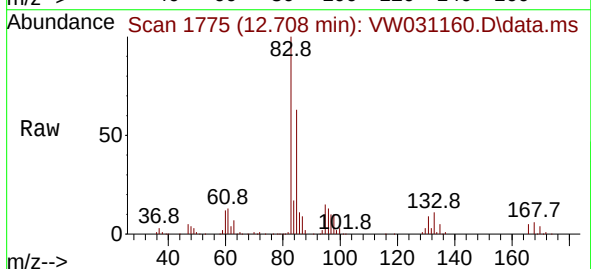
Tgt Ion: 83 Resp: 96960

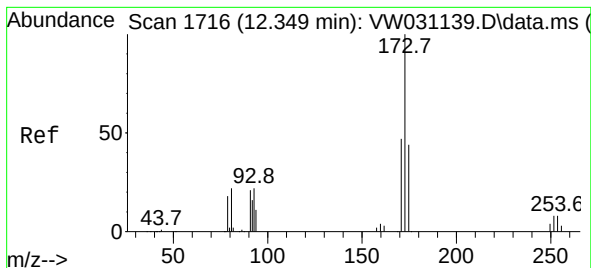
Ion Ratio Lower Upper

83 100

85 63.1 48.3 89.7

131 8.9 8.9 13.3





#59

Bromoform

Concen: 25.851 ug/L

RT: 12.343 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031160.D

Acq: 09 Dec 2024 13:39

Instrument :

MSVOA_W

ClientSampleId :

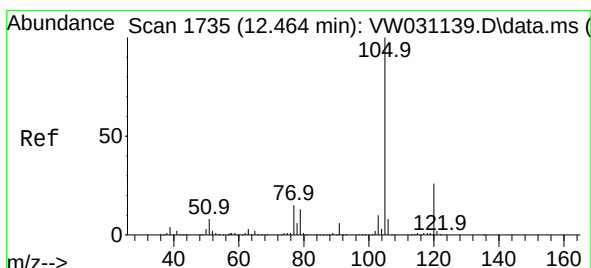
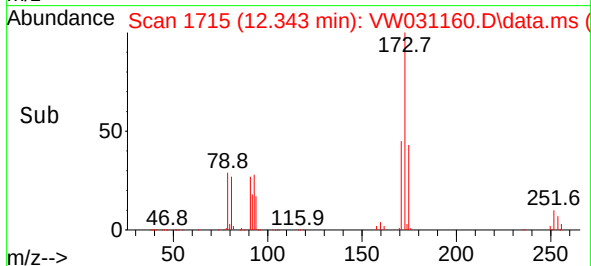
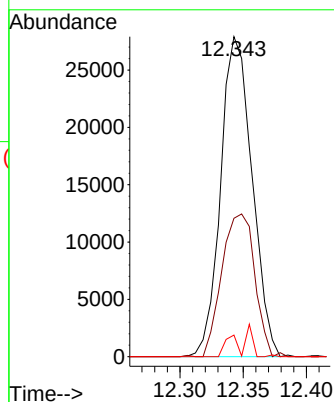
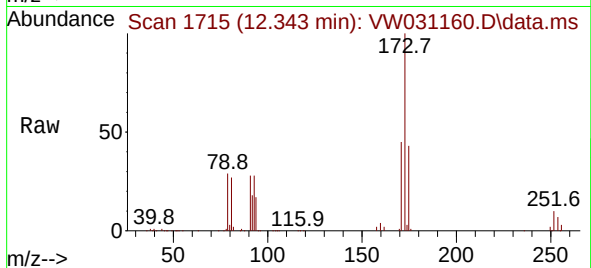
Tgt Ion:173 Resp: 48189

Ion Ratio Lower Upper

173 100

175 0.0 36.6 54.8#

254 2.6 7.7 11.5#



#60

Isopropylbenzene

Concen: 23.381 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VW031160.D

Acq: 09 Dec 2024 13:39

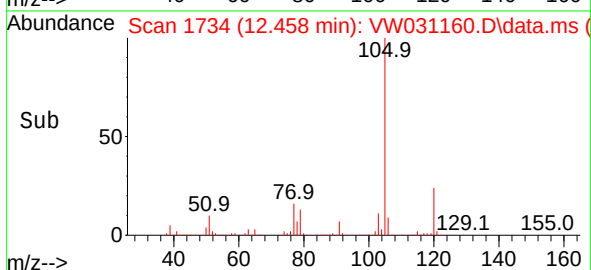
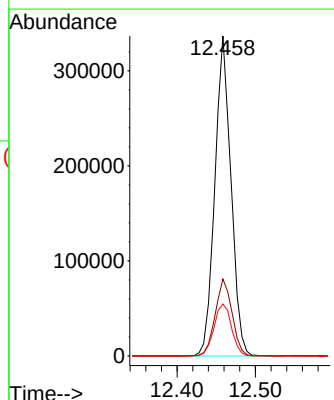
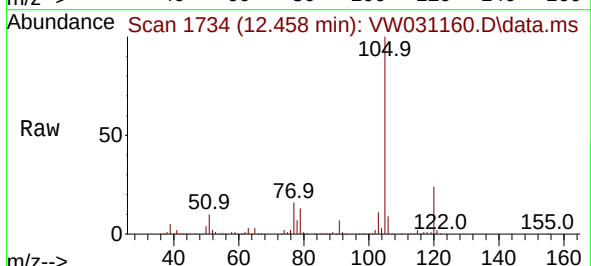
Tgt Ion:105 Resp: 481510

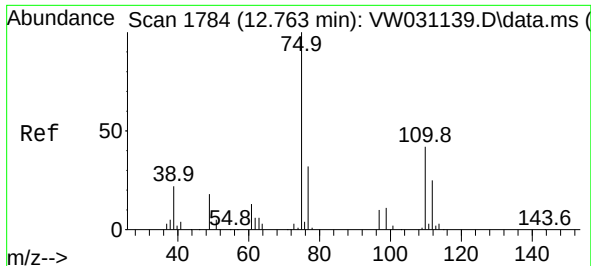
Ion Ratio Lower Upper

105 100

120 25.0 21.5 32.3

77 17.7 12.3 18.5





#61

1,2,3-Trichloropropane

Concen: 29.609 ug/L

RT: 12.763 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031160.D

Acq: 09 Dec 2024 13:39

Instrument :

MSVOA_W

ClientSampleId :

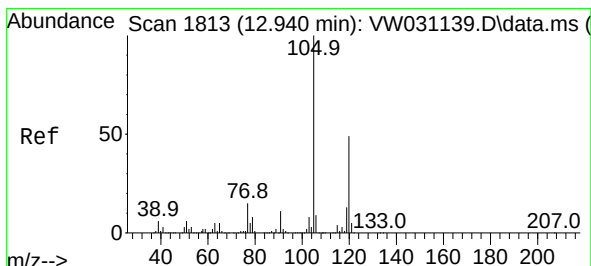
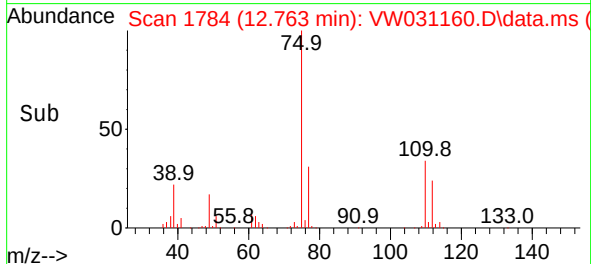
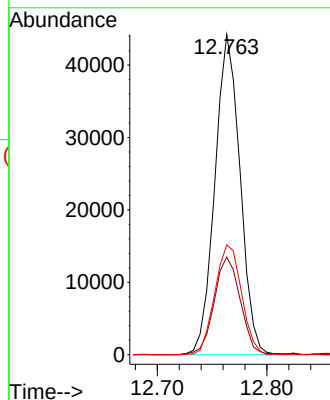
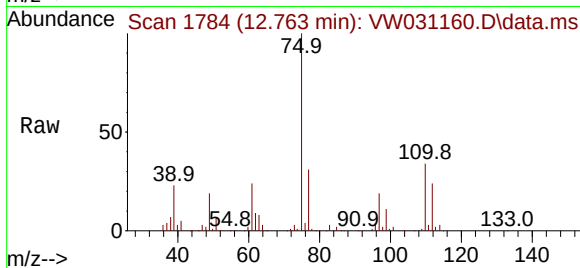
Tgt Ion: 75 Resp: 70579

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2

110 36.3 33.1 49.7



#62

1,3,5-Trimethylbenzene

Concen: 24.649 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW031160.D

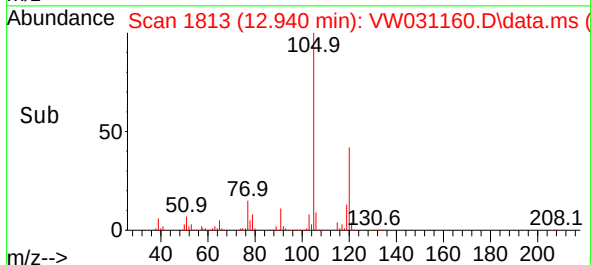
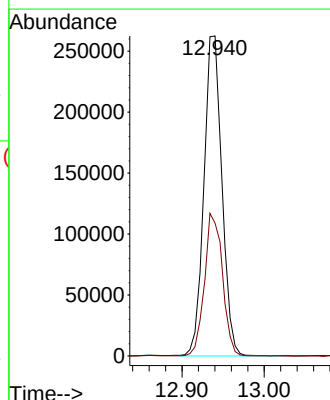
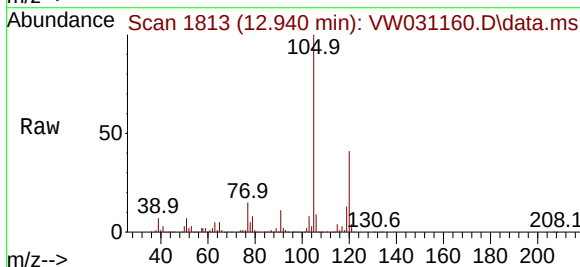
Acq: 09 Dec 2024 13:39

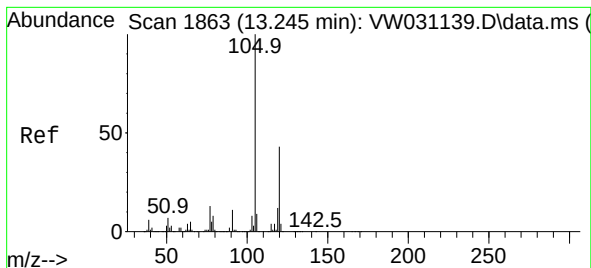
Tgt Ion:105 Resp: 399726

Ion Ratio Lower Upper

105 100

120 44.5 40.5 60.7





#63

1,2,4-Trimethylbenzene

Concen: 24.139 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031160.D

Acq: 09 Dec 2024 13:39

Instrument :

MSVOA_W

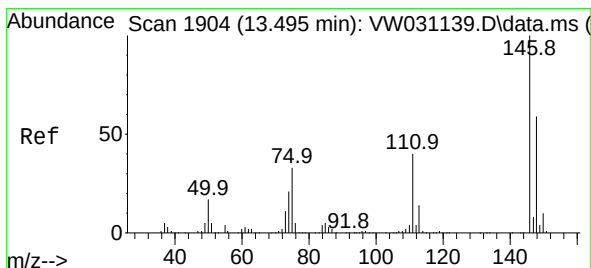
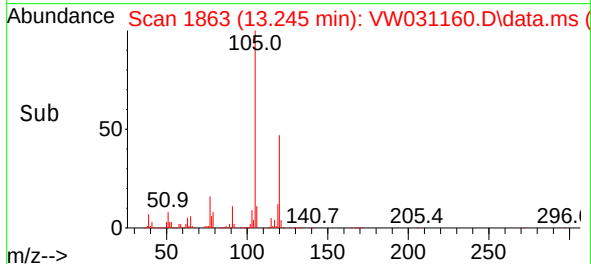
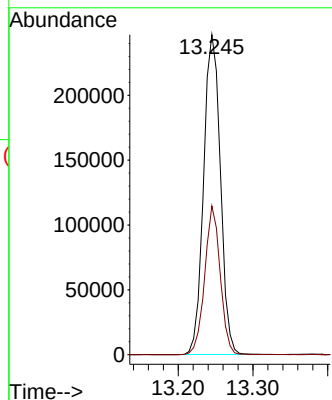
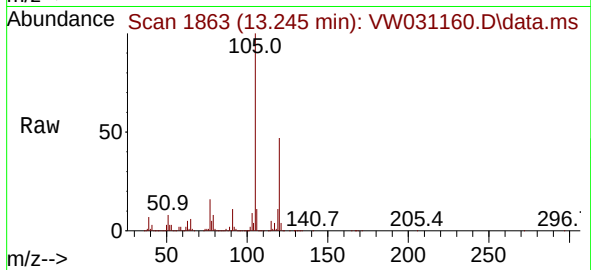
ClientSampleId :

Tgt Ion:105 Resp: 384541

Ion Ratio Lower Upper

105 100

120 43.0 35.4 53.0



#64

1,3-Dichlorobenzene

Concen: 21.540 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031160.D

Acq: 09 Dec 2024 13:39

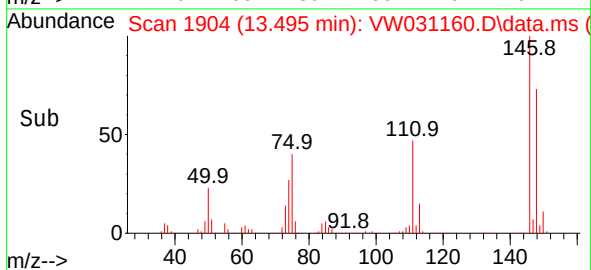
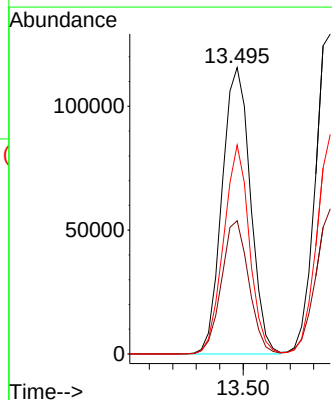
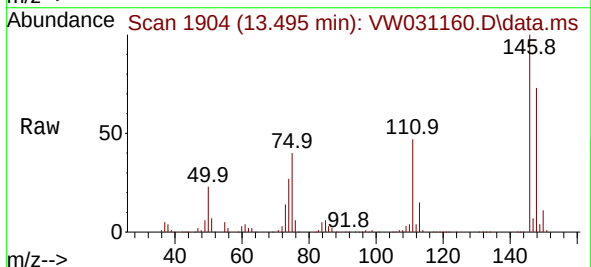
Tgt Ion:146 Resp: 193446

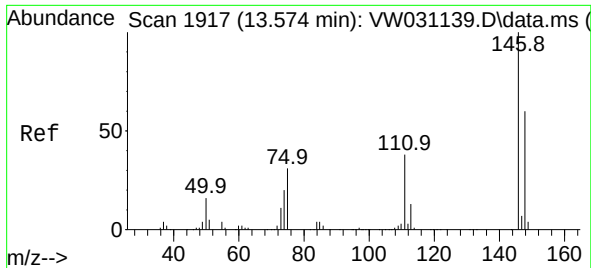
Ion Ratio Lower Upper

146 100

111 46.5 28.5 52.9

148 73.0 44.1 81.9





#65

1,4-Dichlorobenzene

Concen: 23.277 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031160.D

Acq: 09 Dec 2024 13:39

Instrument :

MSVOA_W

ClientSampleId :

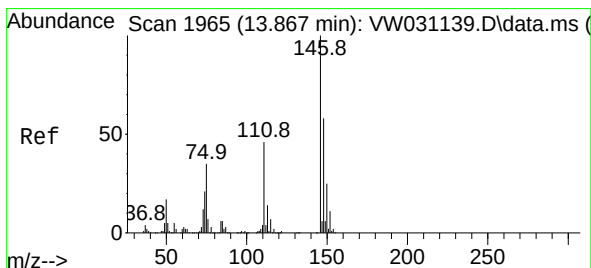
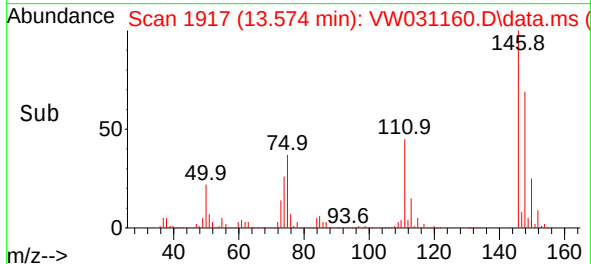
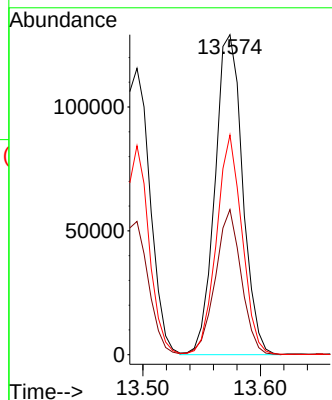
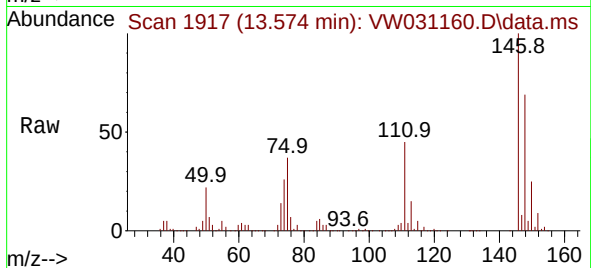
Tgt Ion:146 Resp: 211167

Ion Ratio Lower Upper

146 100

111 45.3 26.6 49.4

148 68.7 42.1 78.1



#67

1,2-Dichlorobenzene

Concen: 22.586 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031160.D

Acq: 09 Dec 2024 13:39

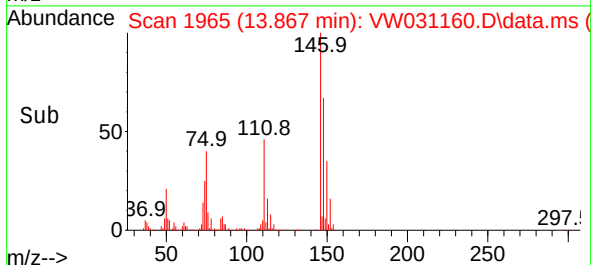
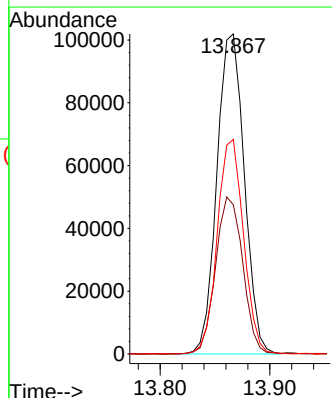
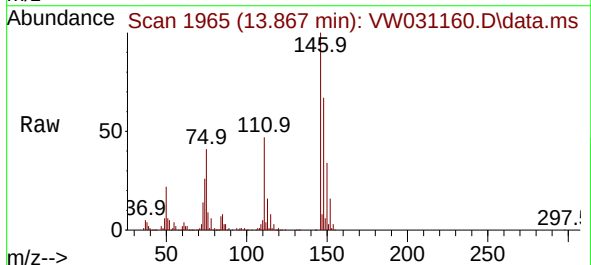
Tgt Ion:146 Resp: 177436

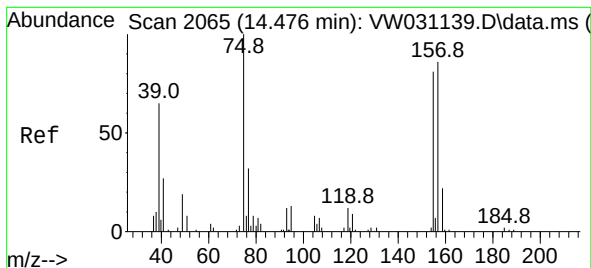
Ion Ratio Lower Upper

146 100

111 46.7 30.9 46.3#

148 67.1 50.0 75.0

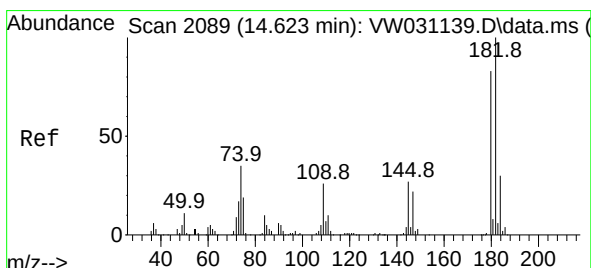
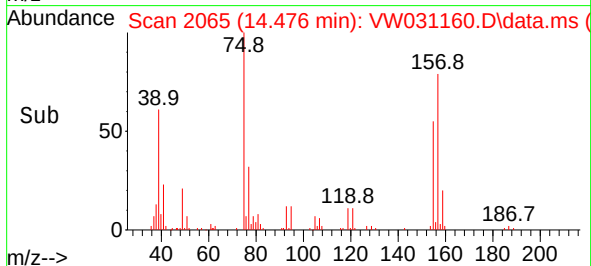
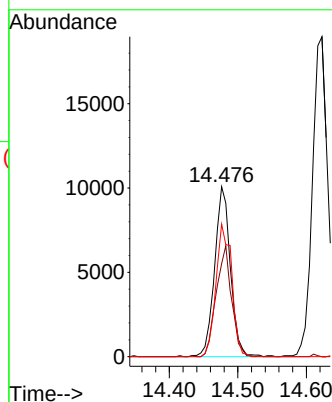
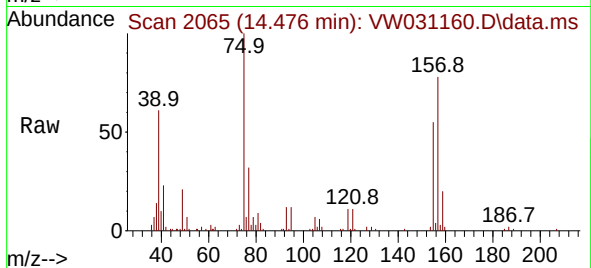




#68
1,2-Dibromo-3-chloropropane
Concen: 31.172 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW031160.D
Acq: 09 Dec 2024 13:39

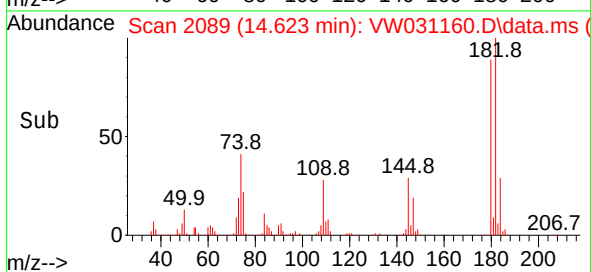
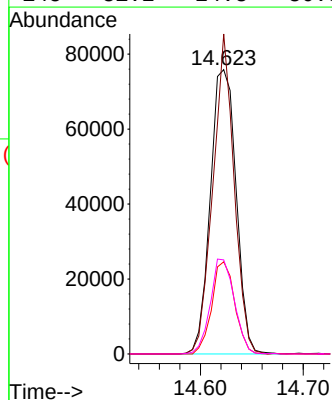
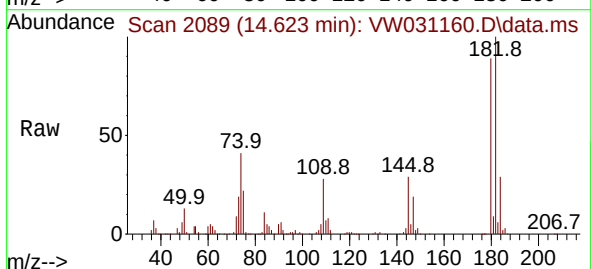
Instrument :
MSVOA_W
ClientSampleId :

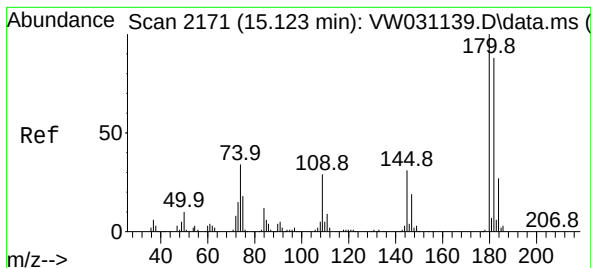
Tgt Ion: 75 Resp: 16134
Ion Ratio Lower Upper
75 100
155 54.7 63.1 94.7#
157 78.0 82.1 123.1#



#69
1,3,5-Trichlorobenzene
Concen: 21.638 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW031160.D
Acq: 09 Dec 2024 13:39

Tgt Ion:180 Resp: 132044
Ion Ratio Lower Upper
180 100
182 92.2 78.2 117.2
184 29.0 24.0 36.0
145 31.2 24.3 36.5





#70

1,2,4-trichlorobenzene

Concen: 23.635 ug/L

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW031160.D

Acq: 09 Dec 2024 13:39

Instrument :

MSVOA_W

ClientSampleId :

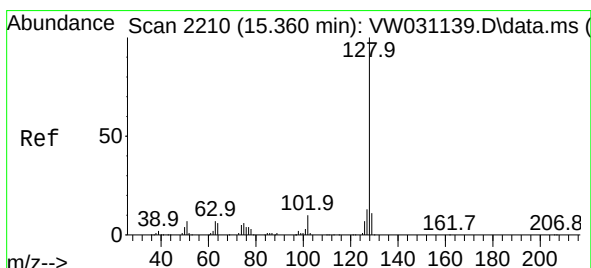
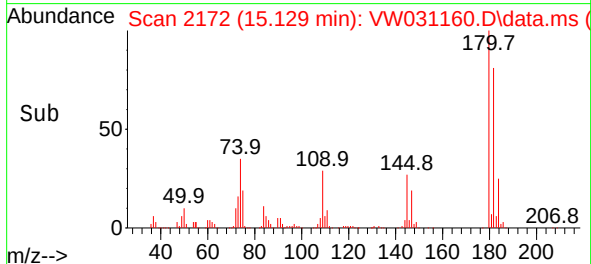
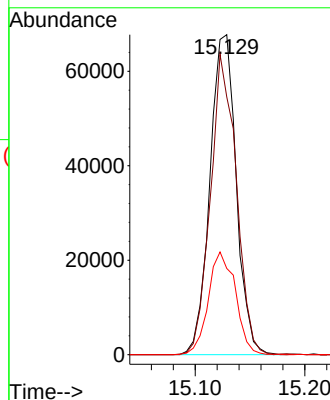
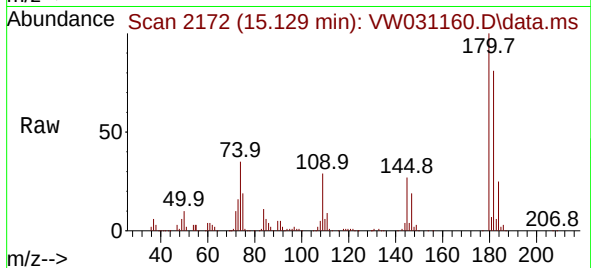
Tgt Ion:180 Resp: 113096

Ion Ratio Lower Upper

180 100

182 91.9 76.1 114.1

145 33.1 25.7 38.5



#71

Naphthalene

Concen: 28.057 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW031160.D

Acq: 09 Dec 2024 13:39

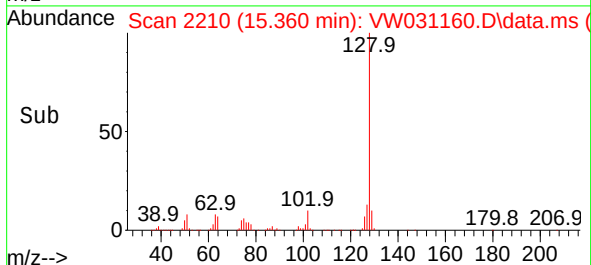
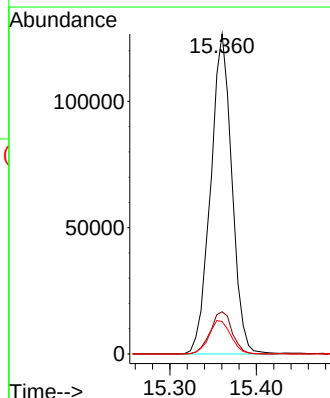
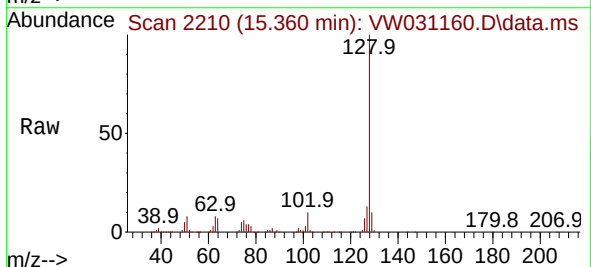
Tgt Ion:128 Resp: 216288

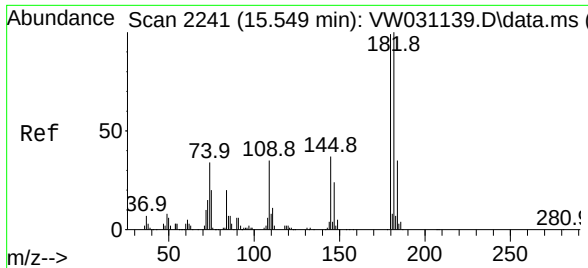
Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

129 10.8 8.3 12.5





#72
 1,2,3-Trichlorobenzene
 Concen: 24.142 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031160.D
 Acq: 09 Dec 2024 13:39

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	180	Resp:	98878
Ion Ratio	Lower	Upper	
180	100		
182	94.9	78.7	118.1
145	36.9	26.3	39.5

