

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011025\
 Data File : VW031560.D
 Acq On : 10 Jan 2025 12:49
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 11 03:15:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jan 11 03:10:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	630438	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	538682	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	246479	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	222069	22.448	ug/L	0.00
7) Chloroethane-d5	2.893	69	165460	23.420	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	107854	24.409	ug/L	0.00
21) 2-Butanone-d5	7.100	46	74710	47.460	ug/L	0.00
24) Chloroform-d	7.648	84	414093	25.380	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.301	65	198477	24.715	ug/L	0.00
32) Benzene-d6	8.270	84	871459	25.755	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	250450	25.069	ug/L	0.00
41) Toluene-d8	10.319	98	793785	25.987	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	103088	25.128	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	49640	48.101	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.684	84	147362	24.120	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	220637	25.522	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	191193	23.988	ug/L	92
3) Chloromethane	2.216	50	188656	22.198	ug/L	98
5) Vinyl chloride	2.369	62	258666	23.861	ug/L	99
6) Bromomethane	2.790	94	147223	23.236	ug/L	93
8) Chloroethane	2.930	64	153085	24.024	ug/L	96
9) Trichlorofluoromethane	3.265	101	251861	23.386	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	202992	24.625	ug/L	98
12) 1,1-Dichloroethene	4.039	96	210330	25.072	ug/L	90
13) Acetone	4.064	43	703	0.600	ug/L	86
14) Carbon disulfide	4.381	76	700878	24.803	ug/L	100
15) Methyl Acetate	4.442	43	362	0.117	ug/L	95
16) Methylene chloride	4.911	84	208647	24.301	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	224632	24.931	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	341109	23.609	ug/L	100
19) 1,1-Dichloroethane	6.216	63	424238	25.026	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	237578	24.696	ug/L	98
22) 2-Butanone	7.191	43	85786	42.177	ug/L	98
23) Bromochloromethane	7.514	128	93055	24.699	ug/L	98
25) Chloroform	7.673	83	403864	25.047	ug/L	98
27) 1,2-Dichloroethane	8.398	62	241368	24.305	ug/L	99
29) Cyclohexane	7.953	56	430059	24.909	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	350636	25.074	ug/L	98
31) Carbon tetrachloride	8.069	117	313684	25.301	ug/L	98
33) Benzene	8.319	78	922376	25.019	ug/L	100
34) Trichloroethene	9.087	95	247142	24.934	ug/L	97
35) Methylcyclohexane	9.331	83	444875	25.034	ug/L	99
37) 1,2-Dichloropropane	9.368	63	228626	24.673	ug/L	100
38) Bromodichloromethane	9.642	83	273781	24.426	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	364556	25.009	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	200581	43.367	ug/L	98
42) Toluene	10.386	91	969014	25.144	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	282886	24.279	ug/L	97

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 Quant Title : SFAM01.0
 QLast Update : Sat Jan 11 03:10:14 2025
 Response via : Initial Calibration

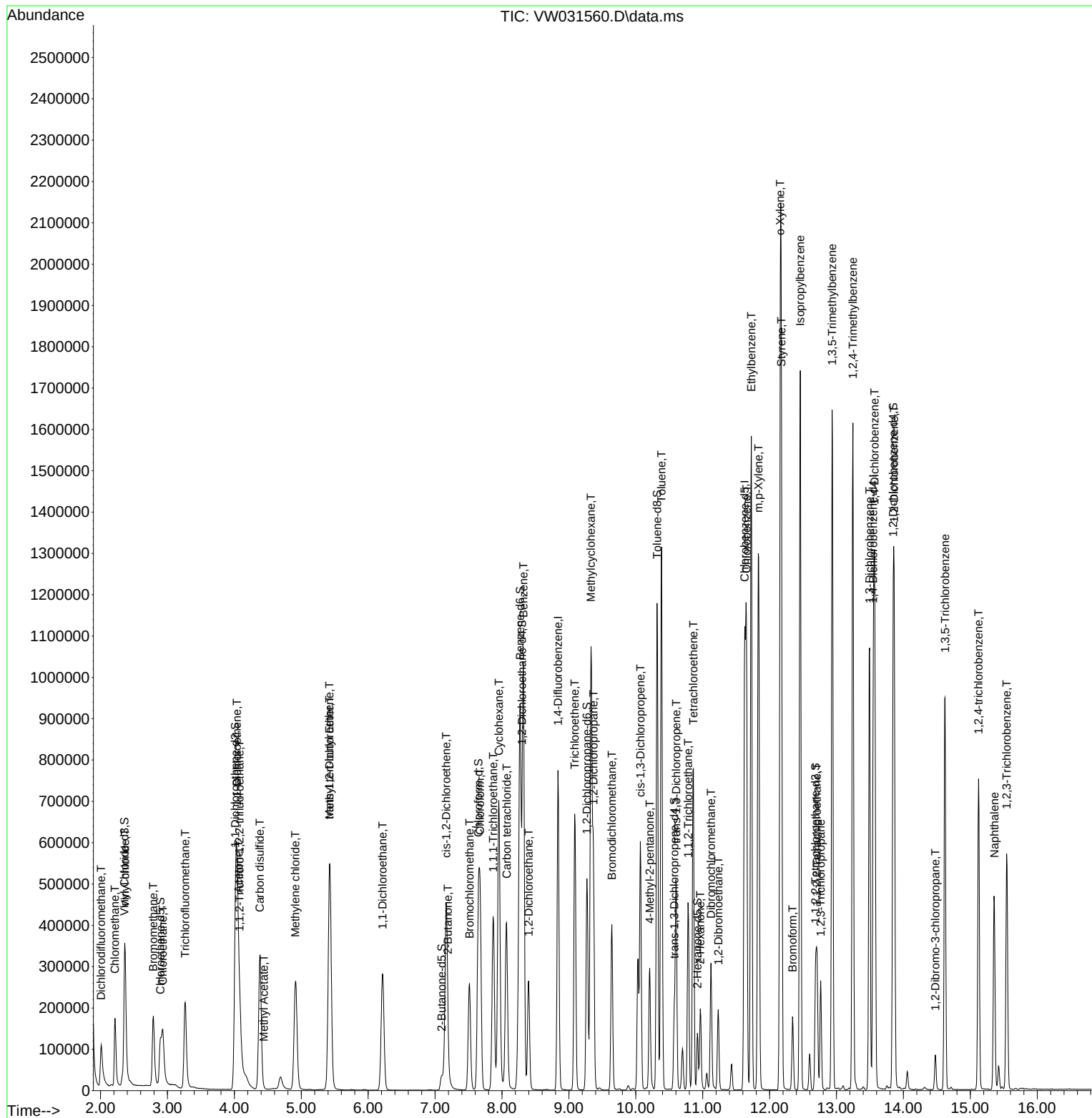
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	141065	23.750	ug/L	94
46) Tetrachloroethene	10.861	164	170746	24.005	ug/L	96
48) 2-Hexanone	10.965	43	128822	45.577	ug/L	97
49) Dibromochloromethane	11.123	129	158477	24.250	ug/L	99
50) 1,2-Dibromoethane	11.233	107	133402	24.234	ug/L	94
51) Chlorobenzene	11.654	112	601033	25.256	ug/L	99
52) Ethylbenzene	11.727	91	1116575	25.251	ug/L	97
53) m,p-Xylene	11.837	106	426156	25.276	ug/L	95
54) o-Xylene	12.160	106	395553	25.244	ug/L	99
55) Styrene	12.178	104	645143	24.744	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	151111	23.154	ug/L	97
59) Bromoform	12.343	173	78765	23.982	ug/L	99
60) Isopropylbenzene	12.459	105	1107528	25.722	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	110153	23.798	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	914482	25.793	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	879113	25.476	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	435625	25.508	ug/L	98
65) 1,4-Dichlorobenzene	13.568	146	410071	24.278	ug/L	97
67) 1,2-Dichlorobenzene	13.861	146	359866	24.675	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	23113	22.335	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	294201	25.421	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	234315	25.419	ug/L	95
71) Naphthalene	15.360	128	401953	23.255	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	185094	23.841	ug/L	99

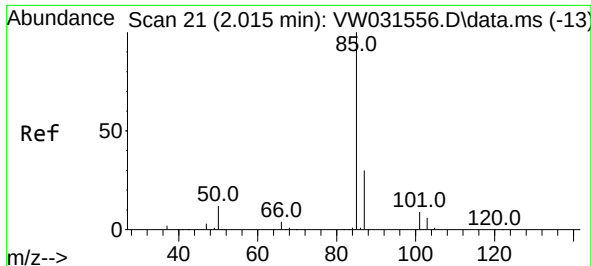
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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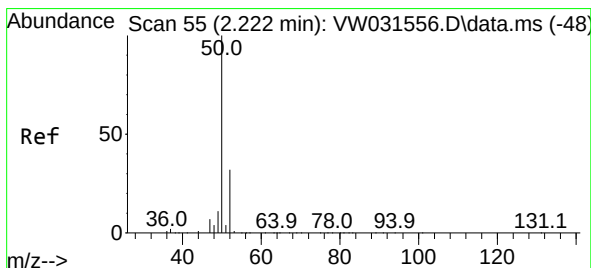
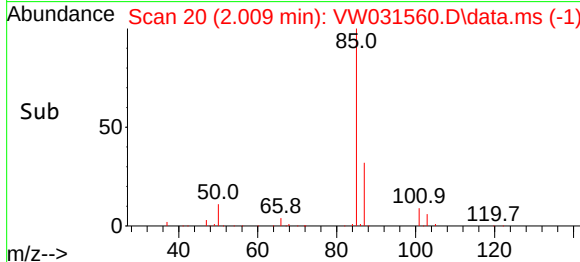
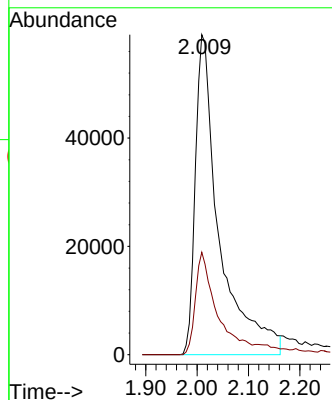
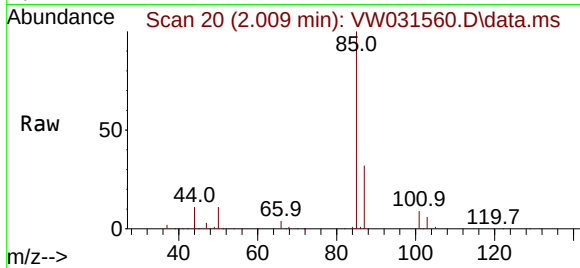




#2
 Dichlorodifluoromethane
 Concen: 23.988 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VW031560.D
 Acq: 10 Jan 2025 12:49

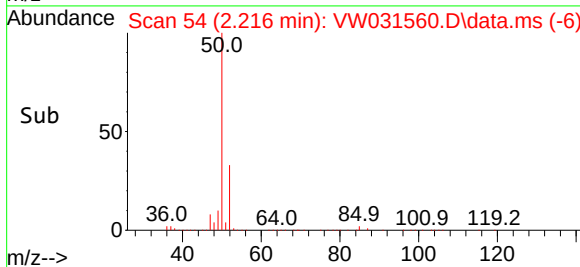
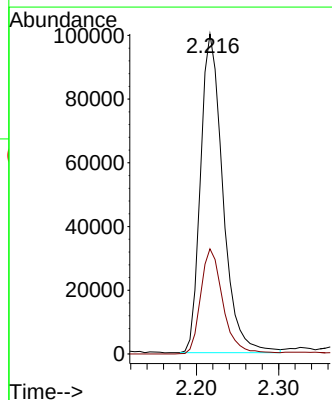
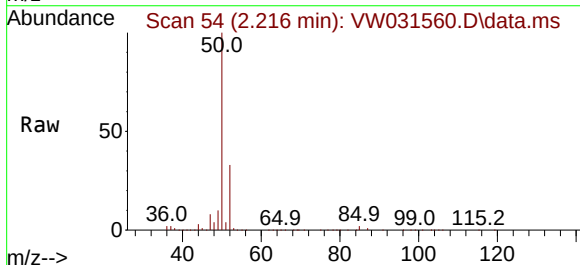
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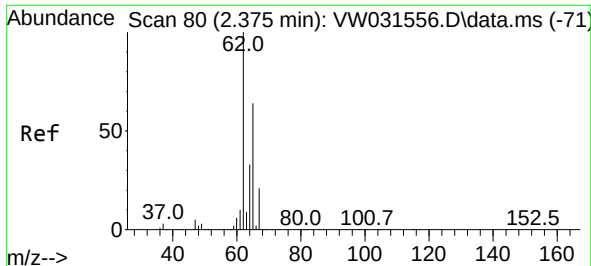
Tgt Ion: 85 Resp: 191193
 Ion Ratio Lower Upper
 85 100
 87 26.9 25.0 37.4



#3
 Chloromethane
 Concen: 22.198 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.006 min
 Lab File: VW031560.D
 Acq: 10 Jan 2025 12:49

Tgt Ion: 50 Resp: 188656
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.3 41.3

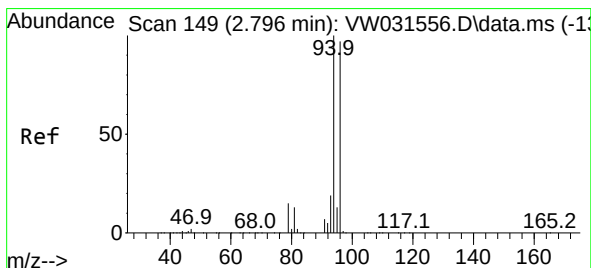
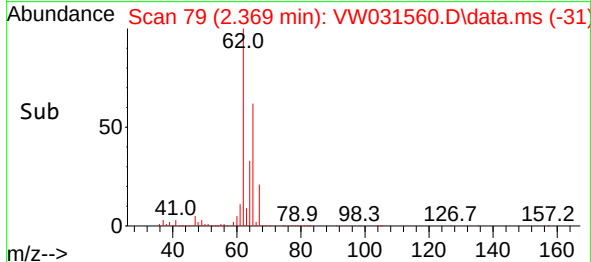
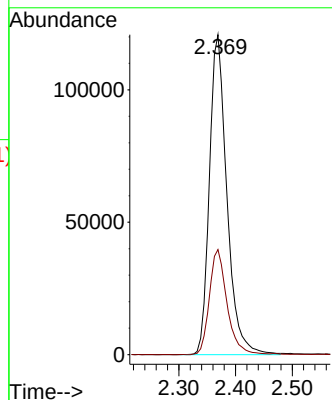
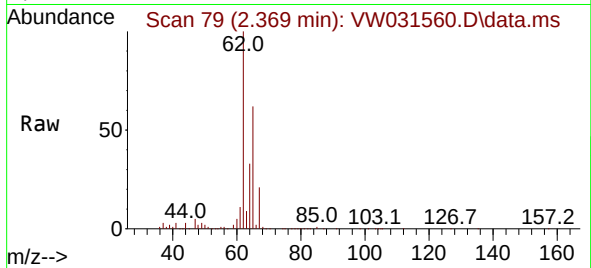




#5
 Vinyl chloride
 Concen: 23.861 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW031560.D
 Acq: 10 Jan 2025 12:49

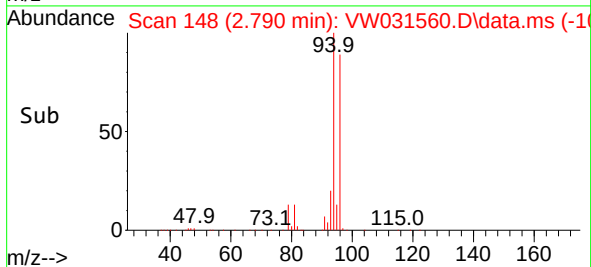
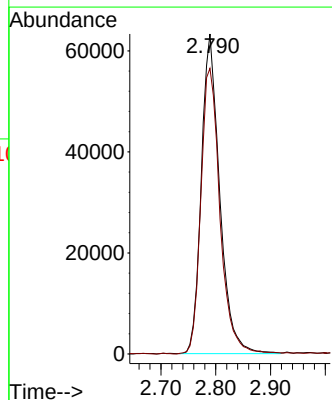
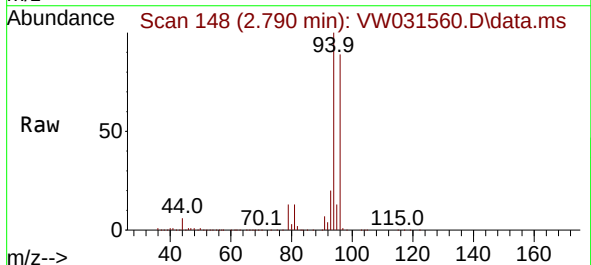
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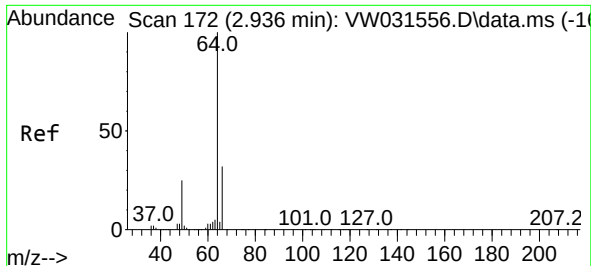
Tgt Ion: 62 Resp: 258666
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.7 42.3



#6
 Bromomethane
 Concen: 23.236 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW031560.D
 Acq: 10 Jan 2025 12:49

Tgt Ion: 94 Resp: 147223
 Ion Ratio Lower Upper
 94 100
 96 89.3 67.6 125.6

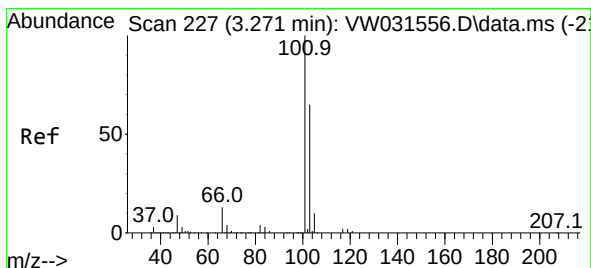
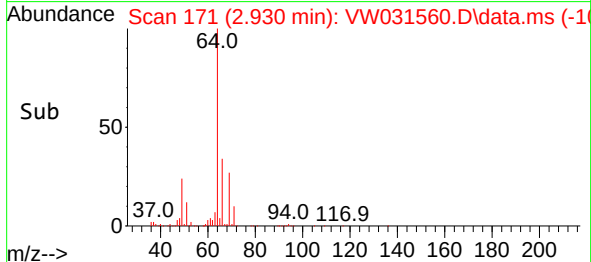
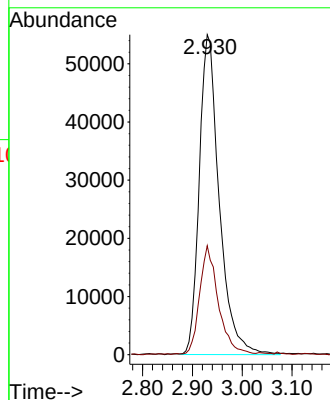
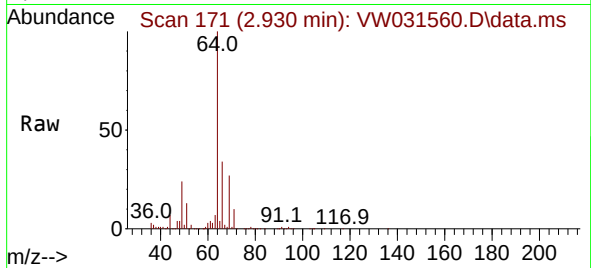




#8
Chloroethane
Concen: 24.024 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031560.D
Acq: 10 Jan 2025 12:49

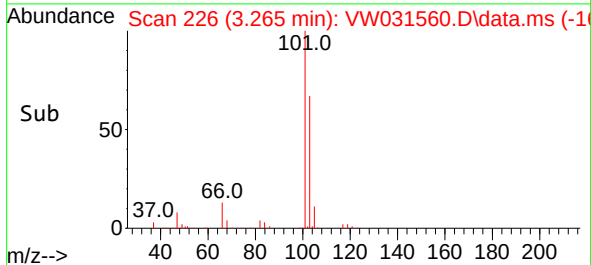
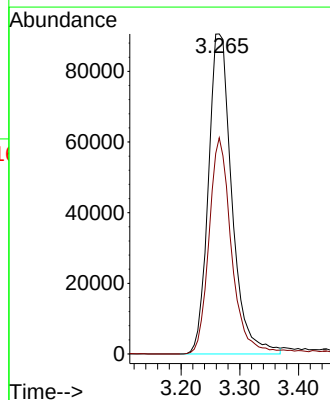
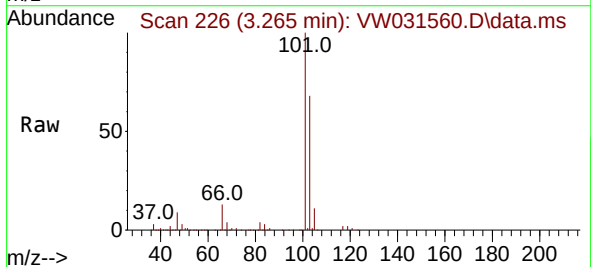
Instrument :
MSVOA_W
ClientSampleId :

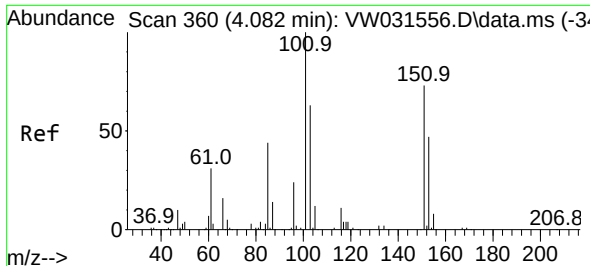
Tgt Ion: 64 Resp: 153085
Ion Ratio Lower Upper
64 100
66 34.0 22.3 41.3



#9
Trichlorofluoromethane
Concen: 23.386 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW031560.D
Acq: 10 Jan 2025 12:49

Tgt Ion:101 Resp: 251861
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.2

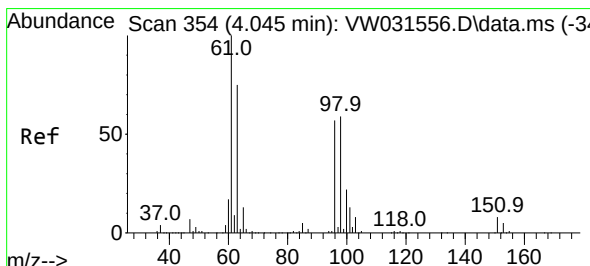
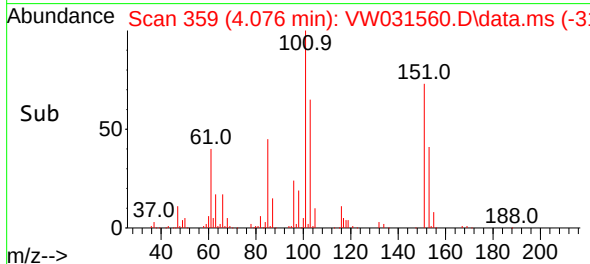
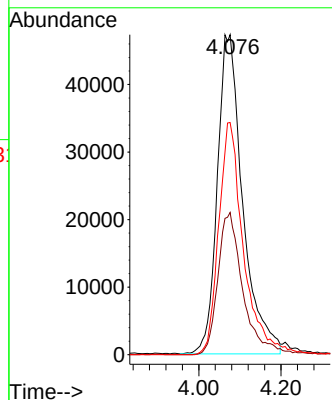
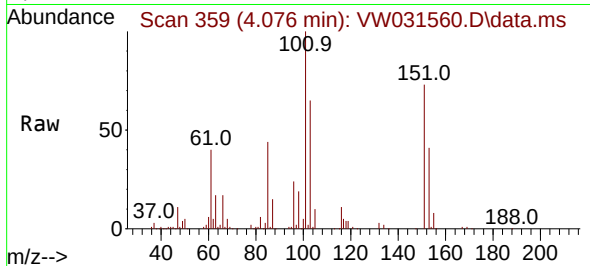




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.625 ug/L
 RT: 4.076 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW031560.D
 Acq: 10 Jan 2025 12:49

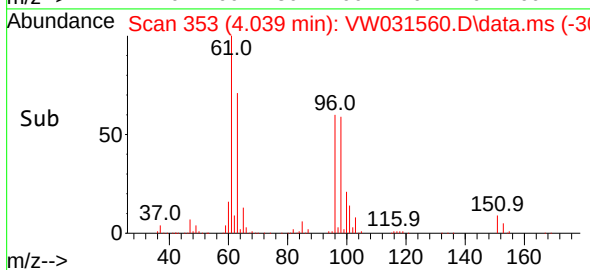
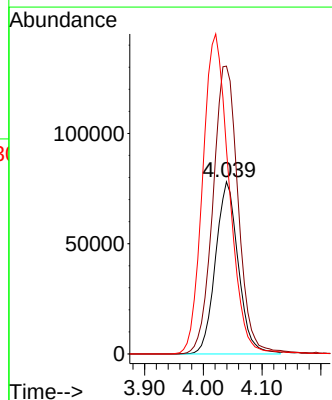
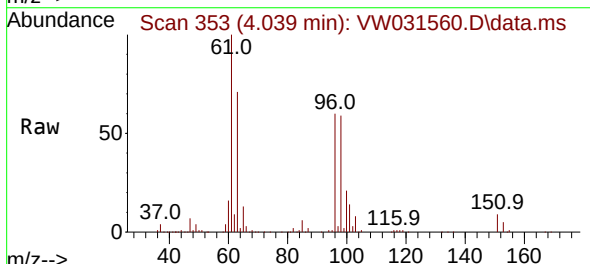
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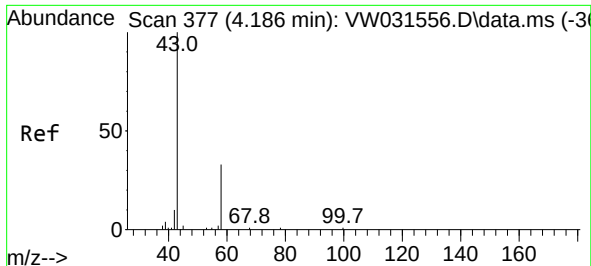
Tgt Ion:101 Resp: 202992
 Ion Ratio Lower Upper
 101 100
 85 43.4 36.1 54.1
 151 69.9 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 25.072 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW031560.D
 Acq: 10 Jan 2025 12:49

Tgt Ion: 96 Resp: 210330
 Ion Ratio Lower Upper
 96 100
 61 167.1 123.8 230.0
 63 118.9 94.1 174.8

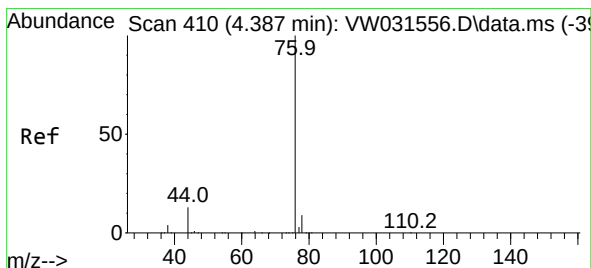
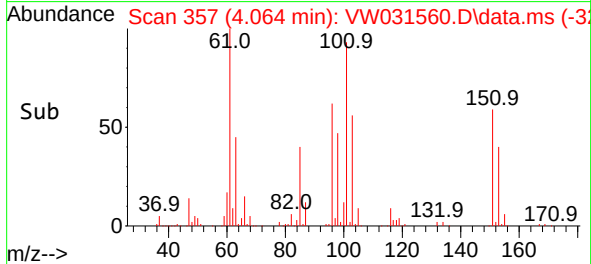
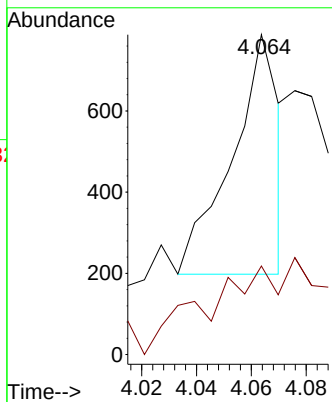
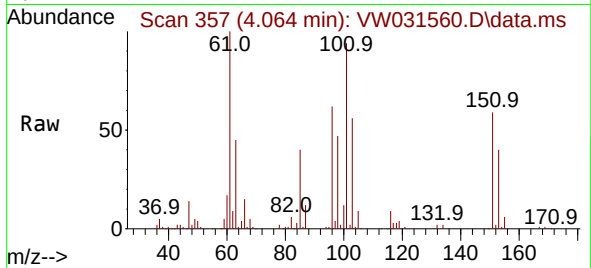




#13
Acetone
Concen: 0.600 ug/L
RT: 4.064 min Scan# 31
Delta R.T. -0.122 min
Lab File: VW031560.D
Acq: 10 Jan 2025 12:49

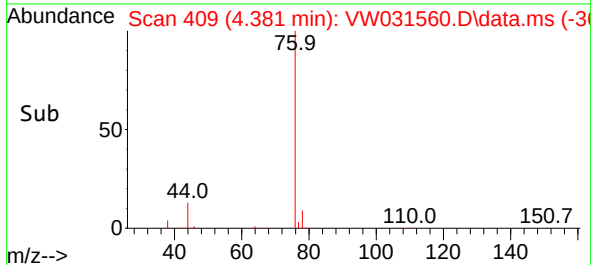
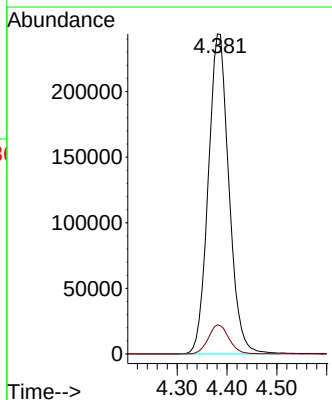
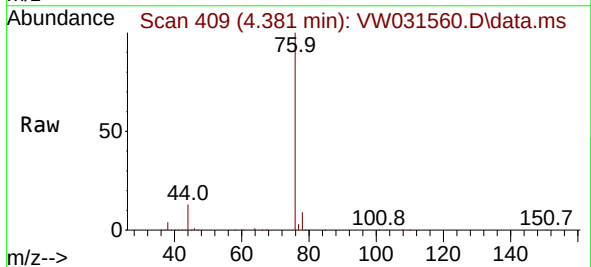
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MSVOA_W
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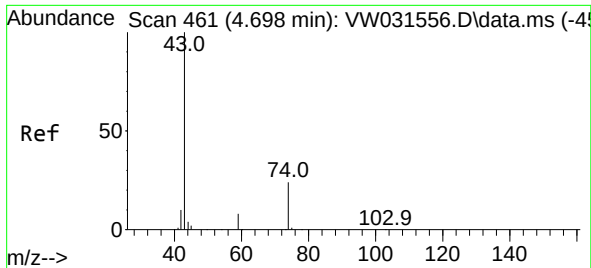
Tgt Ion: 43 Resp: 703
Ion Ratio Lower Upper
43 100
58 19.6 0.0 28.2



#14
Carbon disulfide
Concen: 24.803 ug/L
RT: 4.381 min Scan# 409
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 700878
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

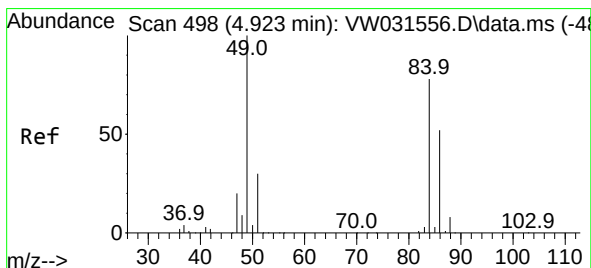
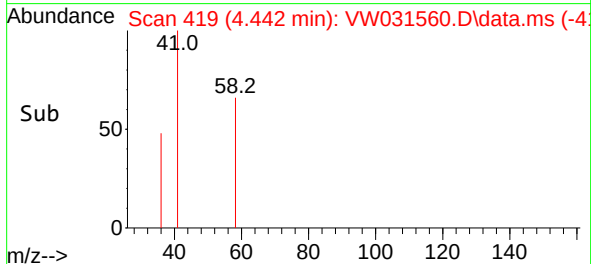
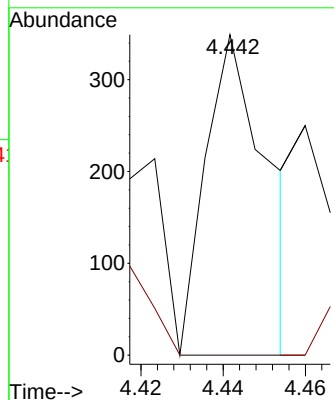
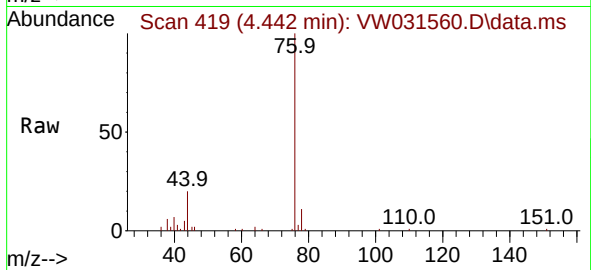




#15
Methyl Acetate
Concen: 0.117 ug/L
RT: 4.442 min Scan# 419
Delta R.T. -0.256 min
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Acq: 10 Jan 2025 12:49

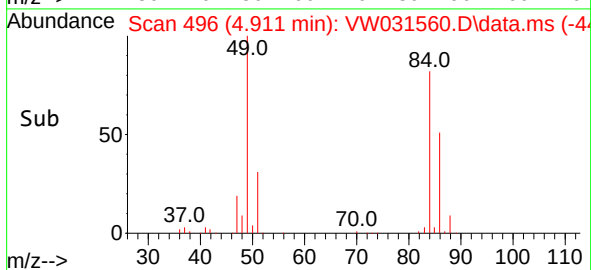
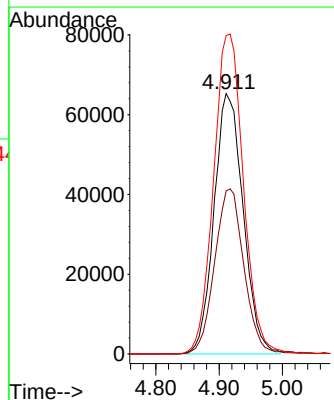
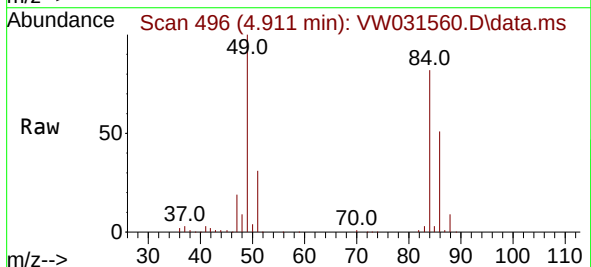
Instrument :
MSVOA_W
ClientSampleId :

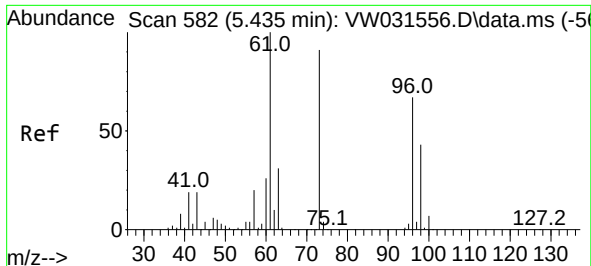
Tgt Ion: 43 Resp: 362
Ion Ratio Lower Upper
43 100
74 15.2 10.6 15.8



#16
Methylene chloride
Concen: 24.301 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.012 min
Lab File: VW031560.D
Acq: 10 Jan 2025 12:49

Tgt Ion: 84 Resp: 208647
Ion Ratio Lower Upper
84 100
86 62.6 47.0 87.2
49 122.3 89.8 166.8

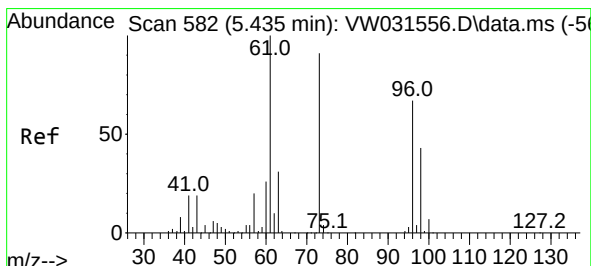
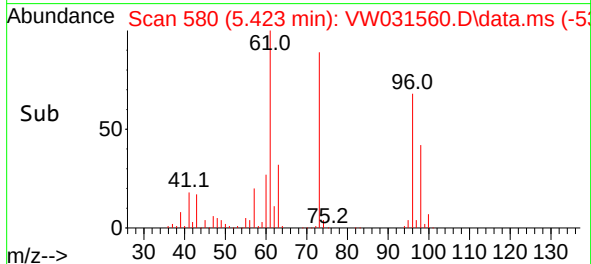
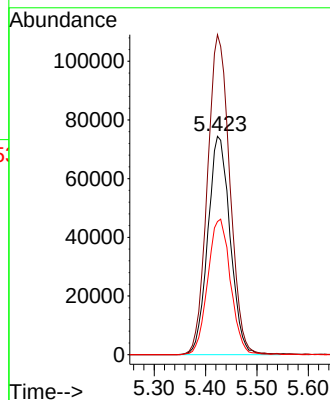
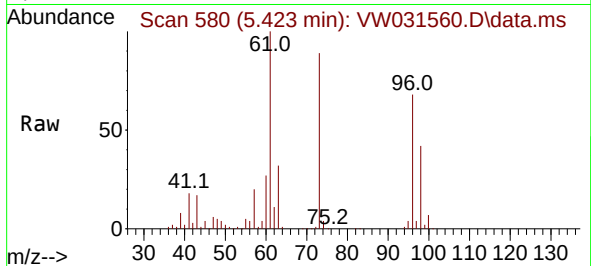




#17
trans-1,2-Dichloroethene
Concen: 24.931 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.012 min
Lab File: VW031560.D
Acq: 10 Jan 2025 12:49

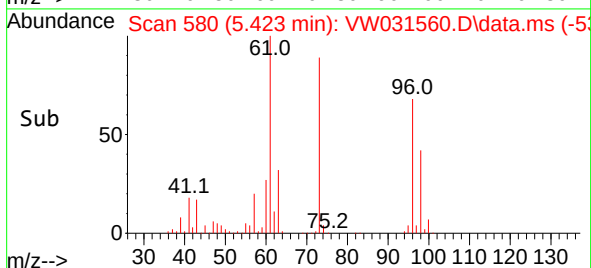
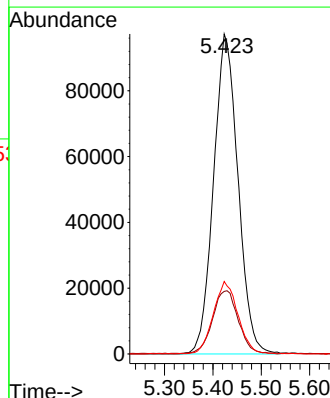
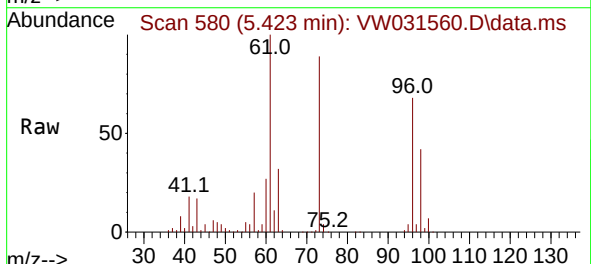
Instrument :
MSVOA_W
ClientSampleId :

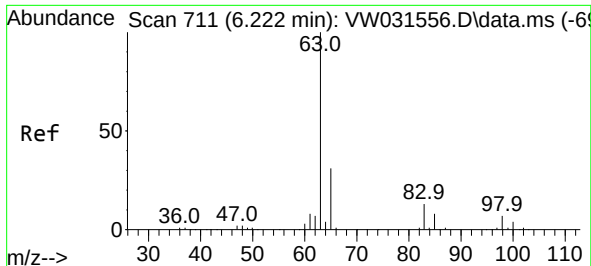
Tgt Ion: 96 Resp: 224632
Ion Ratio Lower Upper
96 100
61 146.6 105.1 195.1
98 61.0 44.9 83.3



#18
Methyl tert-butyl Ether
Concen: 23.609 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.012 min
Lab File: VW031560.D
Acq: 10 Jan 2025 12:49

Tgt Ion: 73 Resp: 341109
Ion Ratio Lower Upper
73 100
43 20.9 16.4 24.6
57 22.8 18.2 27.2





#19

1,1-Dichloroethane

Concen: 25.026 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW031560.D

Acq: 10 Jan 2025 12:49

Instrument :

MSVOA_W

ClientSampleId :

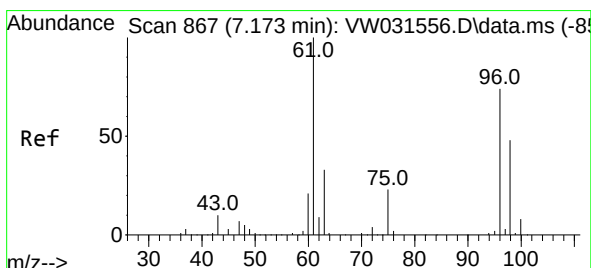
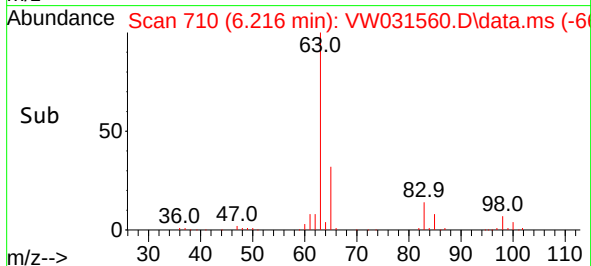
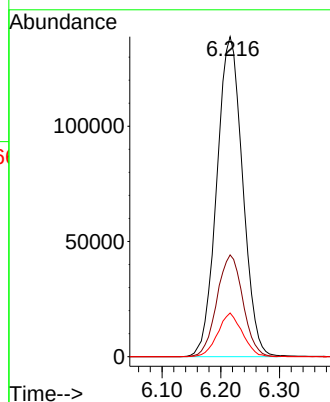
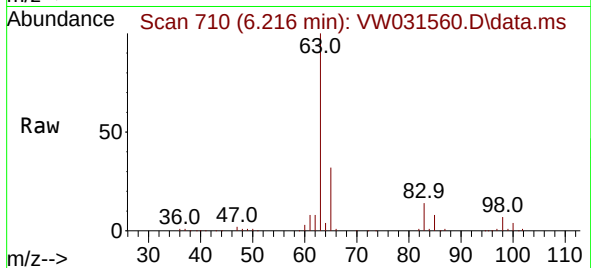
Tgt Ion: 63 Resp: 424238

Ion Ratio Lower Upper

63 100

65 31.8 22.0 41.0

83 13.6 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 24.696 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW031560.D

Acq: 10 Jan 2025 12:49

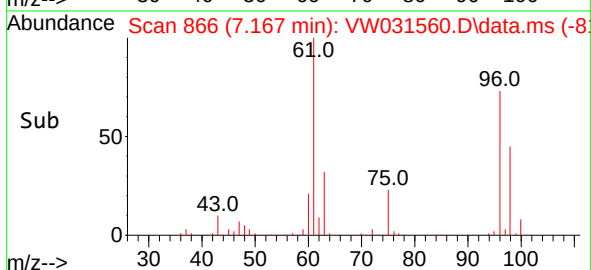
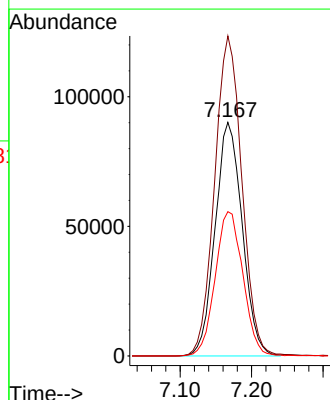
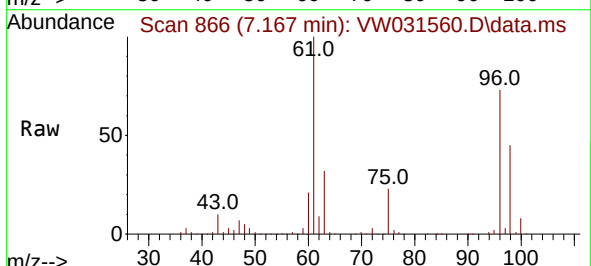
Tgt Ion: 96 Resp: 237578

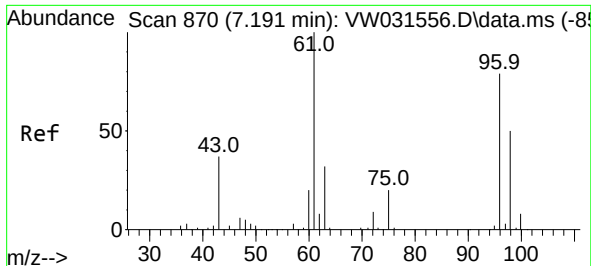
Ion Ratio Lower Upper

96 100

61 137.0 94.8 176.2

98 61.8 45.6 84.8

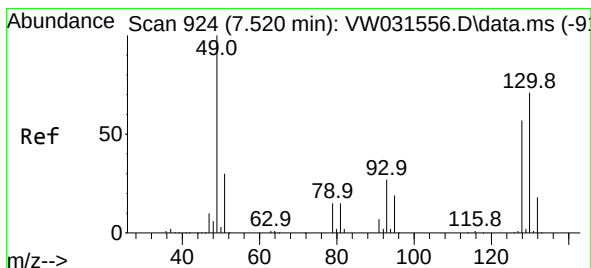
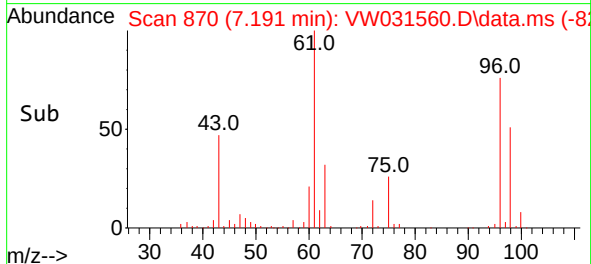
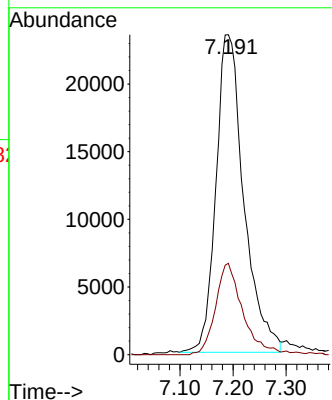
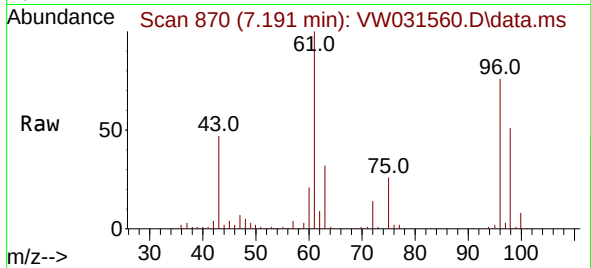




#22
2-Butanone
Concen: 42.177 ug/L
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW031560.D
Acq: 10 Jan 2025 12:49

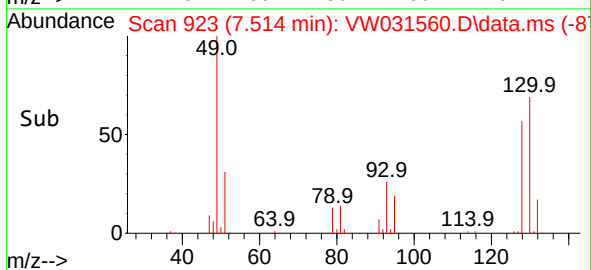
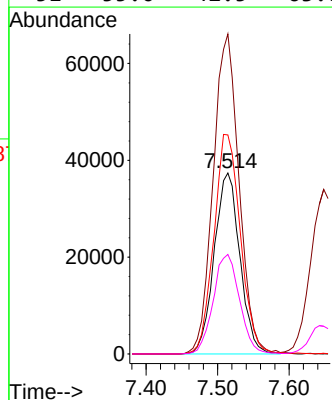
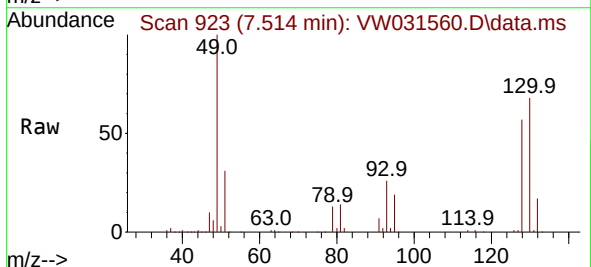
Instrument :
MSVOA_W
ClientSampleId :

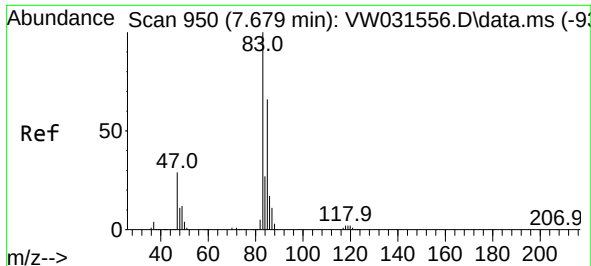
Tgt Ion: 43 Resp: 85786
Ion Ratio Lower Upper
43 100
72 27.3 13.2 39.5



#23
Bromochloromethane
Concen: 24.699 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW031560.D
Acq: 10 Jan 2025 12:49

Tgt Ion: 128 Resp: 93055
Ion Ratio Lower Upper
128 100
49 176.8 123.9 230.1
130 121.0 88.1 163.7
51 55.0 42.5 63.7

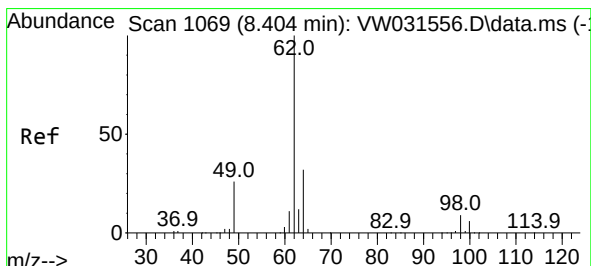
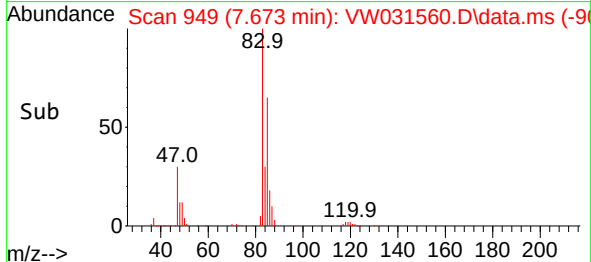
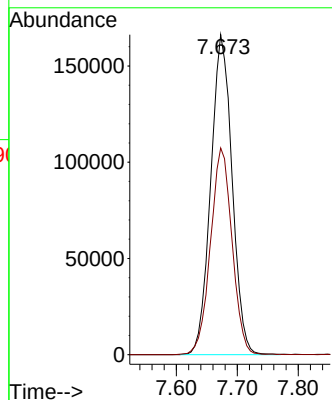
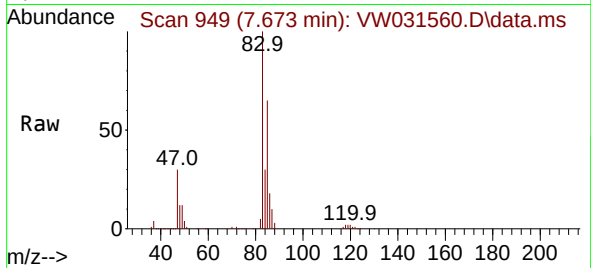




#25
Chloroform
Concen: 25.047 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW031560.D
Acq: 10 Jan 2025 12:49

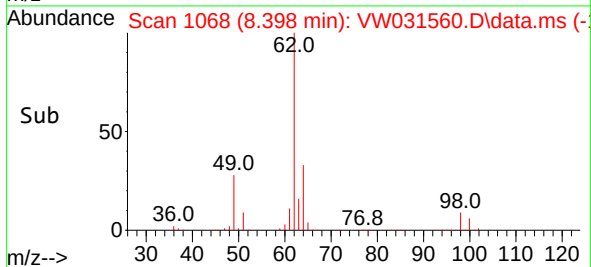
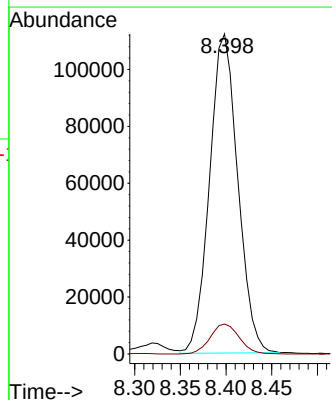
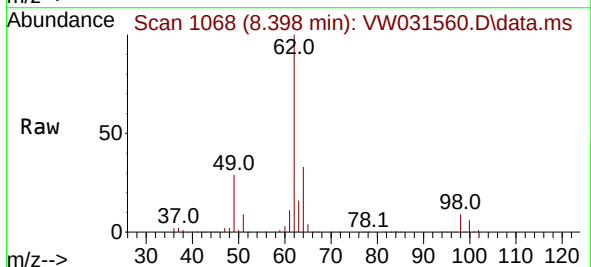
Instrument :
MSVOA_W
ClientSampleId :

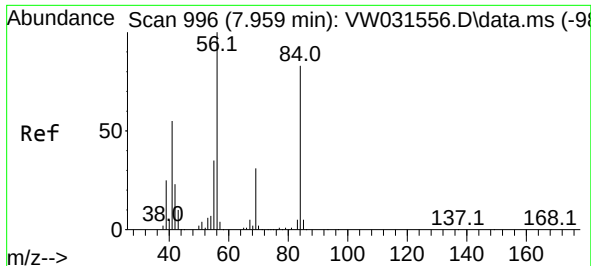
Tgt Ion: 83 Resp: 403864
Ion Ratio Lower Upper
83 100
85 64.6 46.2 85.8



#27
1,2-Dichloroethane
Concen: 24.305 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VW031560.D
Acq: 10 Jan 2025 12:49

Tgt Ion: 62 Resp: 241368
Ion Ratio Lower Upper
62 100
98 9.4 7.3 10.9





#29

Cyclohexane

Concen: 24.909 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

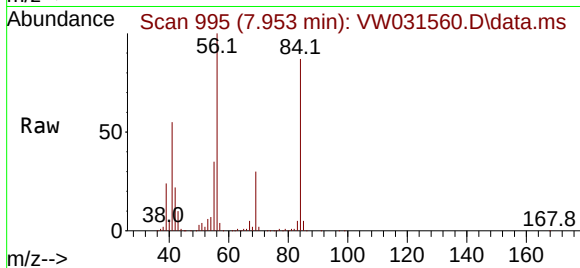
Lab File: VW031560.D

Acq: 10 Jan 2025 12:49

Instrument :

MSVOA_W

ClientSampleId :



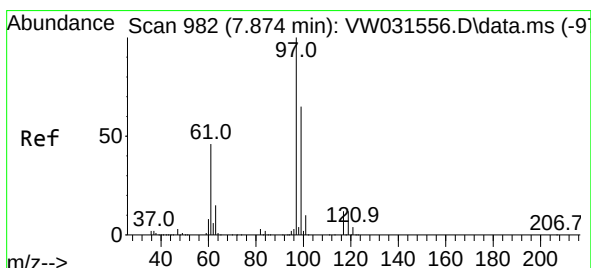
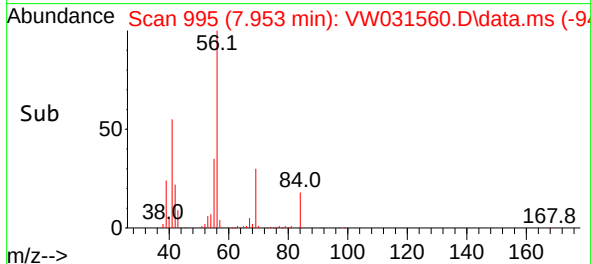
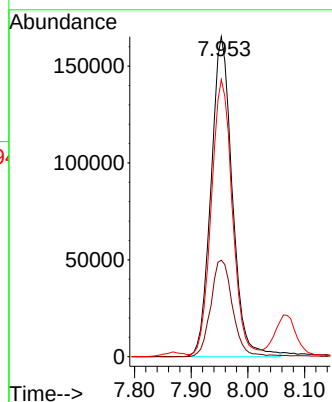
Tgt Ion: 56 Resp: 430059

Ion Ratio Lower Upper

56 100

69 30.7 25.2 37.8

84 85.4 66.3 99.5



#30

1,1,1-Trichloroethane

Concen: 25.074 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW031560.D

Acq: 10 Jan 2025 12:49

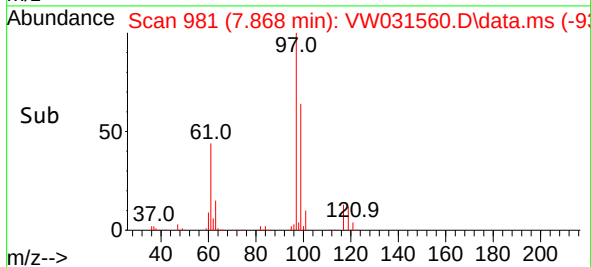
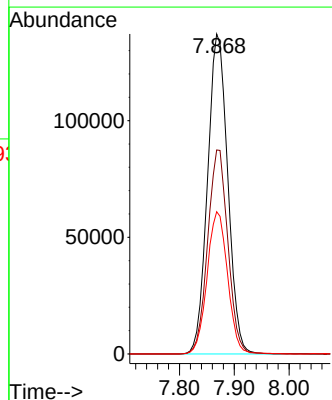
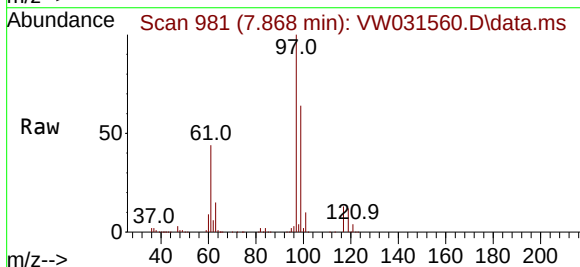
Tgt Ion: 97 Resp: 350636

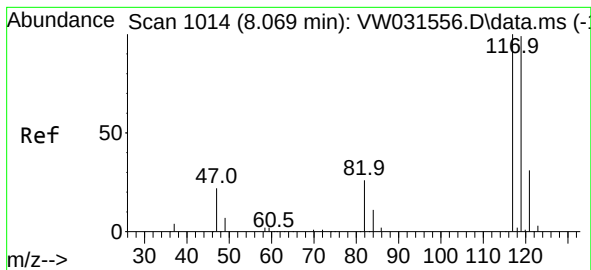
Ion Ratio Lower Upper

97 100

99 63.8 52.2 78.4

61 45.2 36.9 55.3

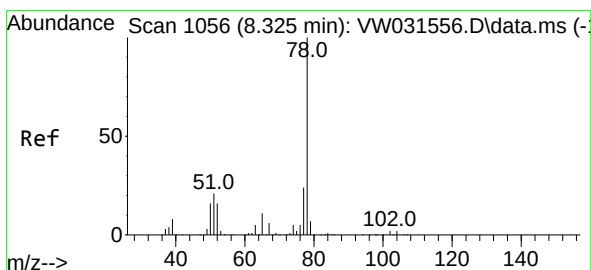
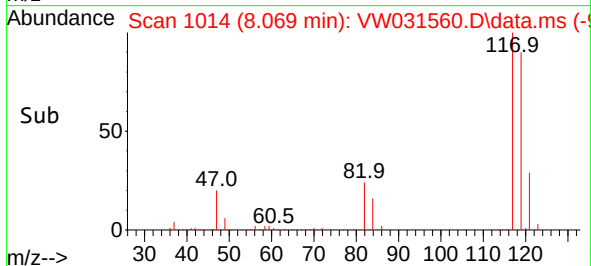
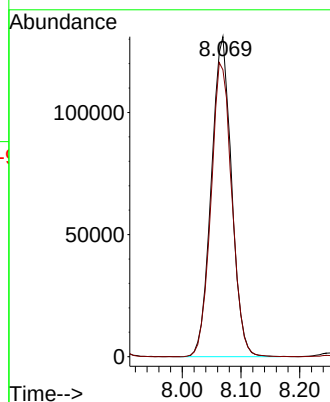
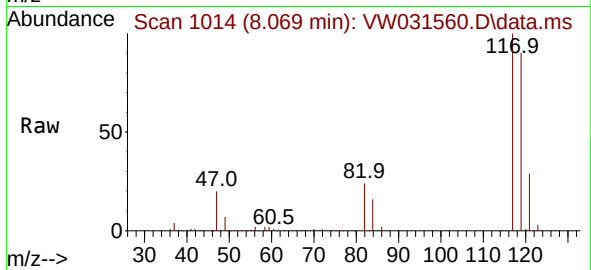




#31
Carbon tetrachloride
Concen: 25.301 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031560.D
Acq: 10 Jan 2025 12:49

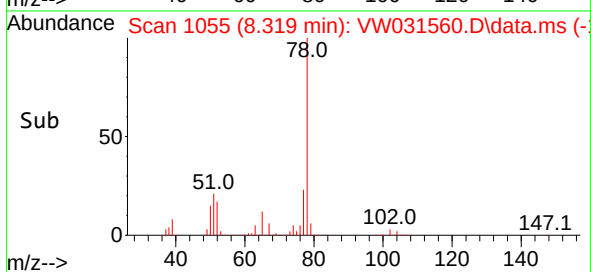
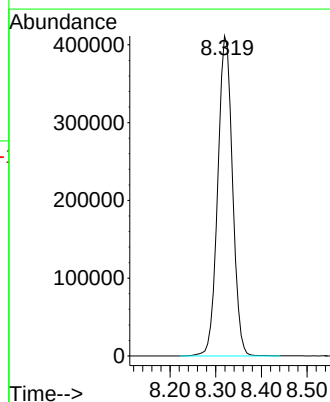
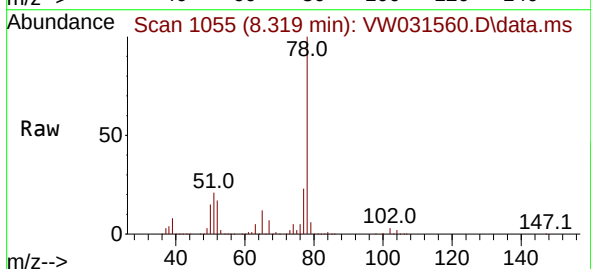
Instrument :
MSVOA_W
ClientSampleId :

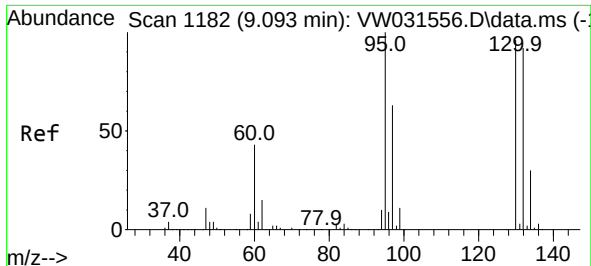
Tgt Ion:117 Resp: 313684
Ion Ratio Lower Upper
117 100
119 94.5 77.4 116.0



#33
Benzene
Concen: 25.019 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW031560.D
Acq: 10 Jan 2025 12:49

Tgt Ion: 78 Resp: 922376

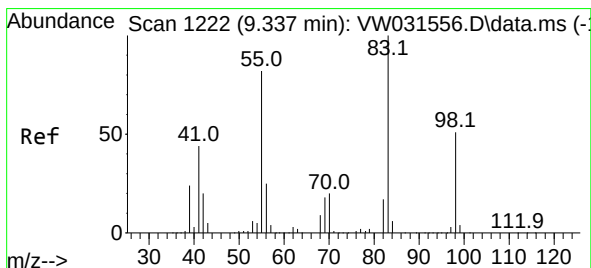
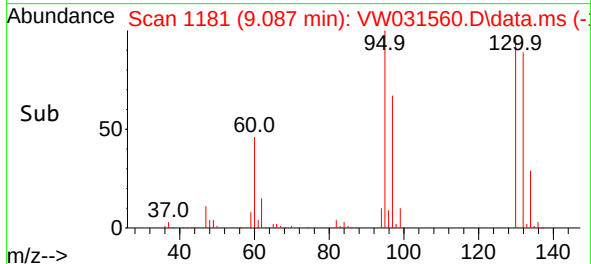
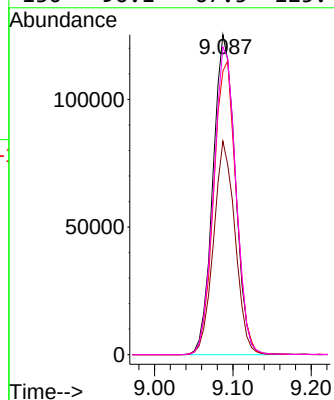
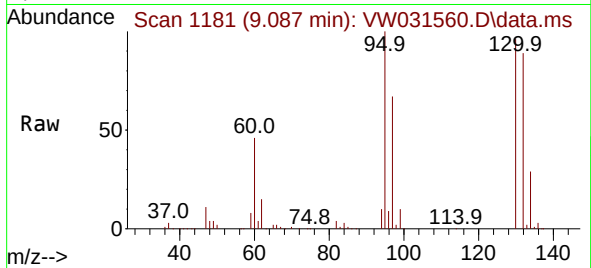




#34
Trichloroethene
Concen: 24.934 ug/L
RT: 9.087 min Scan# 1182
Delta R.T. -0.006 min
Lab File: VW031560.D
Acq: 10 Jan 2025 12:49

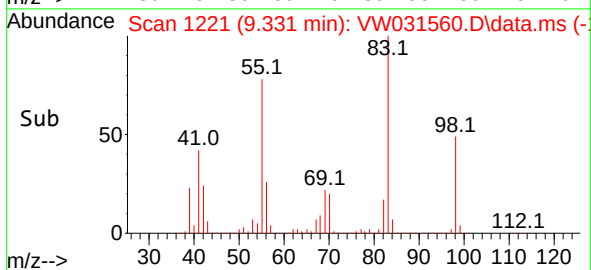
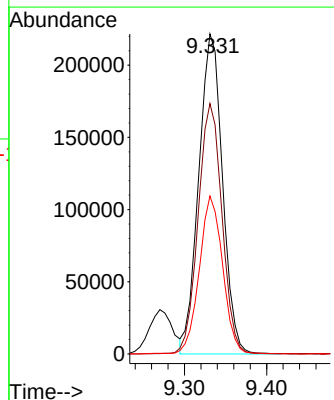
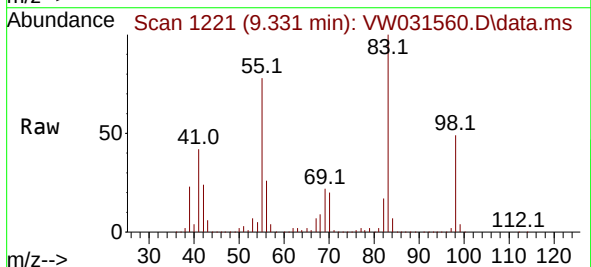
Instrument :
MSVOA_W
ClientSampleId :

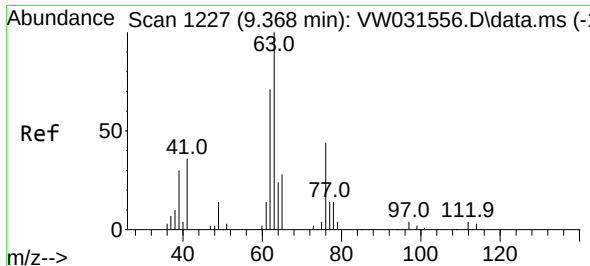
Tgt Ion: 95 Resp: 247142
Ion Ratio Lower Upper
95 100
97 66.7 44.0 81.6
132 88.6 64.6 120.0
130 96.1 67.5 125.4



#35
Methylcyclohexane
Concen: 25.034 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW031560.D
Acq: 10 Jan 2025 12:49

Tgt Ion: 83 Resp: 444875
Ion Ratio Lower Upper
83 100
55 78.7 63.4 95.2
98 48.6 38.8 58.2





#37

1,2-Dichloropropane

Concen: 24.673 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031560.D

Acq: 10 Jan 2025 12:49

Instrument :

MSVOA_W

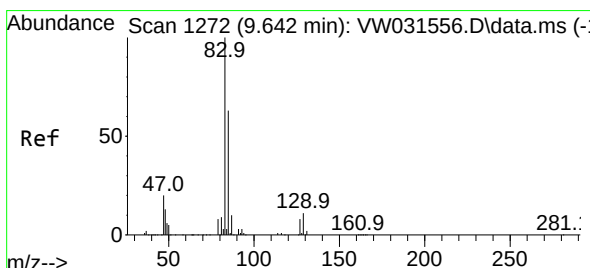
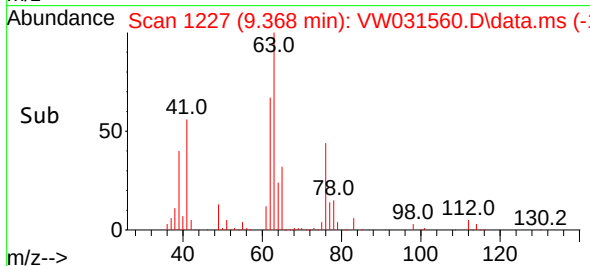
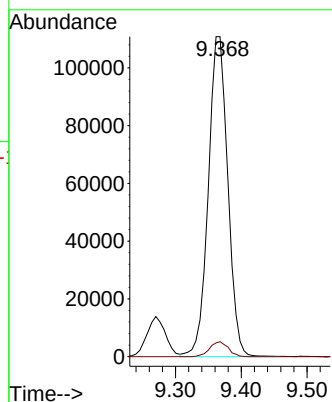
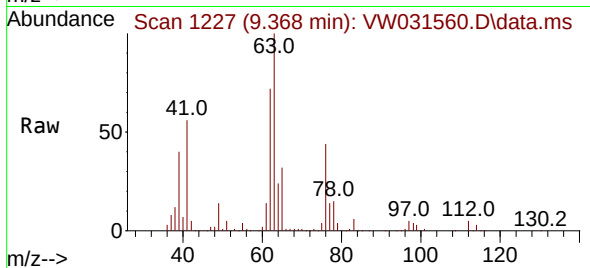
ClientSampleId :

Tgt Ion: 63 Resp: 228626

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 24.426 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031560.D

Acq: 10 Jan 2025 12:49

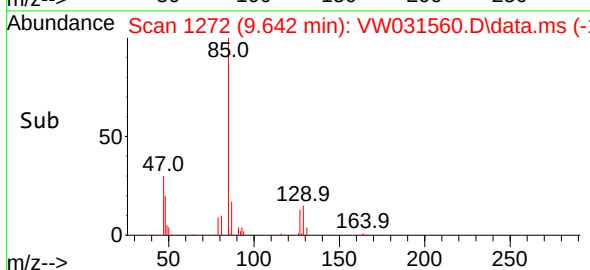
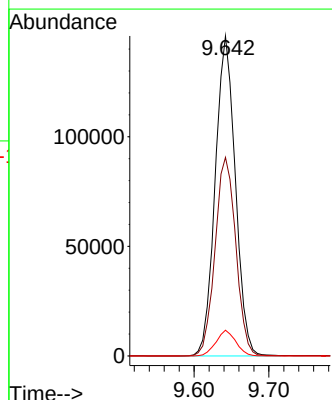
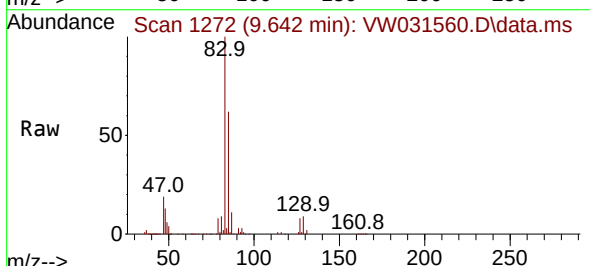
Tgt Ion: 83 Resp: 273781

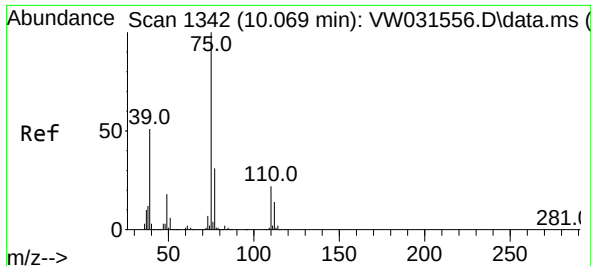
Ion Ratio Lower Upper

83 100

85 62.0 43.8 81.3

127 8.1 6.2 9.4

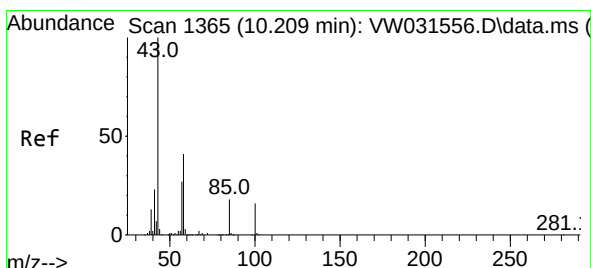
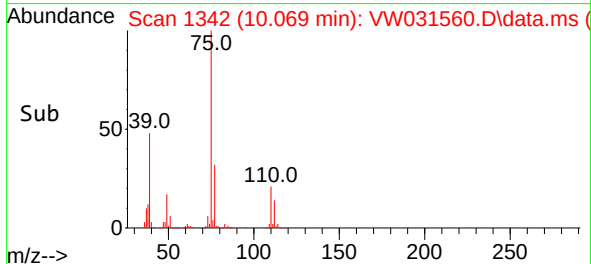
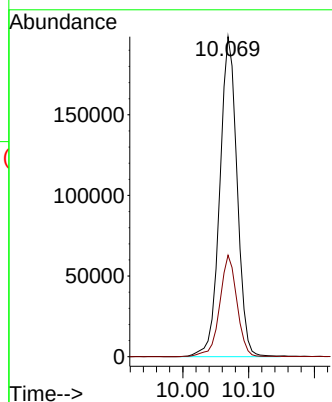
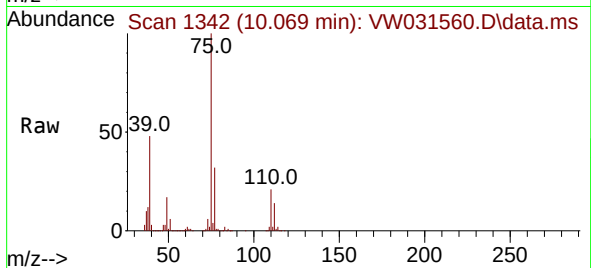




#39
 cis-1,3-Dichloropropene
 Concen: 25.009 ug/L
 RT: 10.069 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW031560.D
 Acq: 10 Jan 2025 12:49

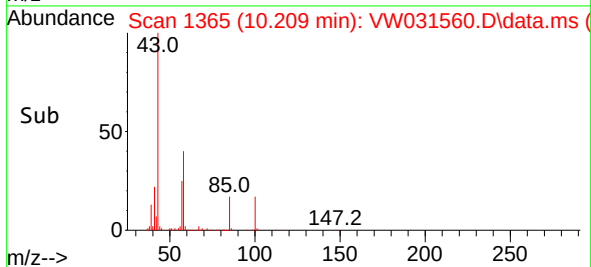
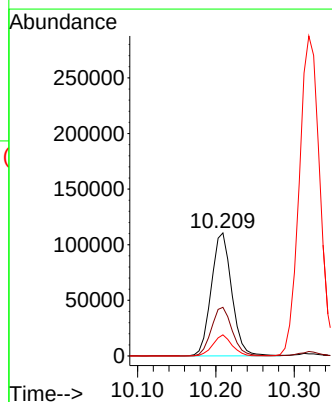
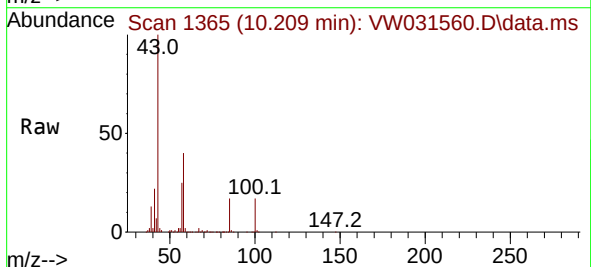
Instrument :
 MSVOA_W
 ClientSampleId :

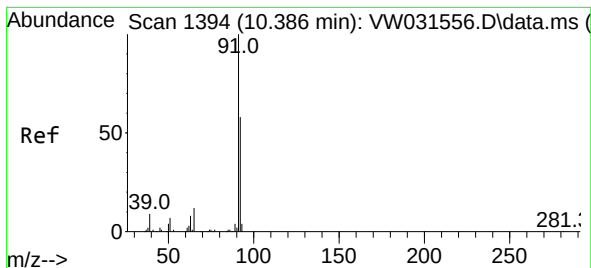
Tgt Ion: 75 Resp: 364556
 Ion Ratio Lower Upper
 75 100
 77 31.7 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 43.367 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW031560.D
 Acq: 10 Jan 2025 12:49

Tgt Ion: 43 Resp: 200581
 Ion Ratio Lower Upper
 43 100
 58 40.3 31.4 47.2
 100 16.1 12.3 18.5





#42

Toluene

Concen: 25.144 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031560.D

Acq: 10 Jan 2025 12:49

Instrument :

MSVOA_W

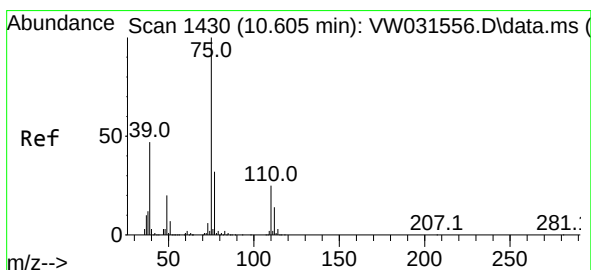
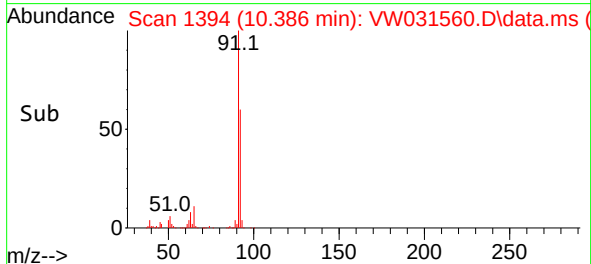
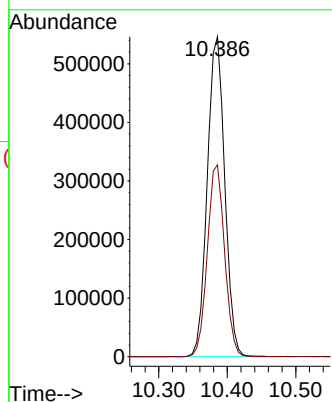
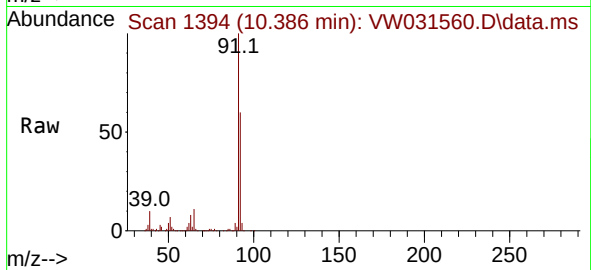
ClientSampleId :

Tgt Ion: 91 Resp: 969014

Ion Ratio Lower Upper

91 100

92 59.9 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 24.279 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031560.D

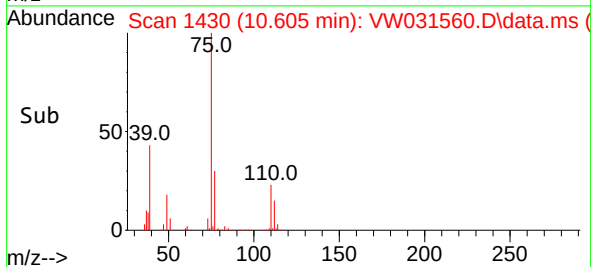
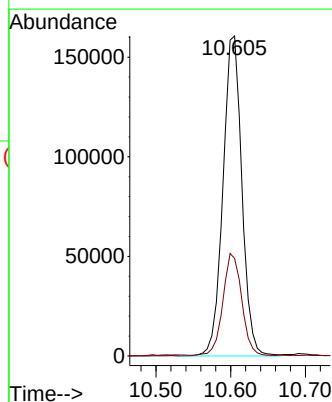
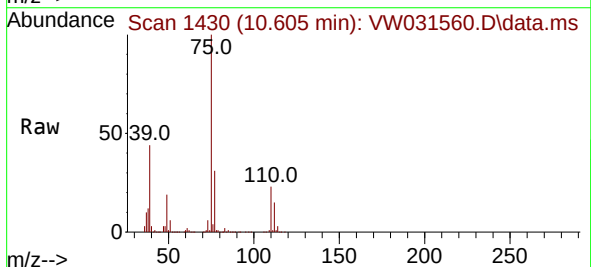
Acq: 10 Jan 2025 12:49

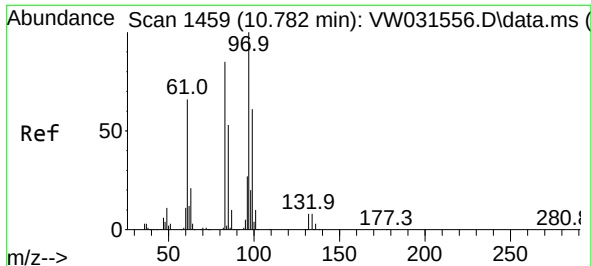
Tgt Ion: 75 Resp: 282886

Ion Ratio Lower Upper

75 100

77 30.5 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 23.750 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

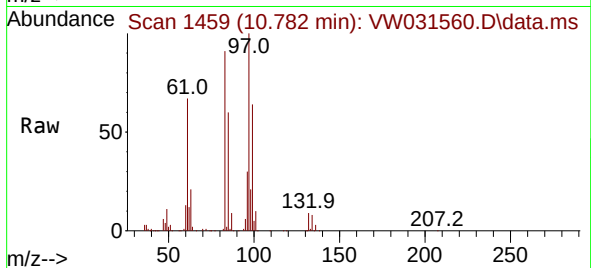
Lab File: VW031560.D

Acq: 10 Jan 2025 12:49

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 141065

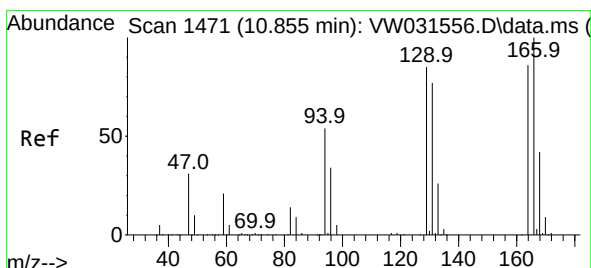
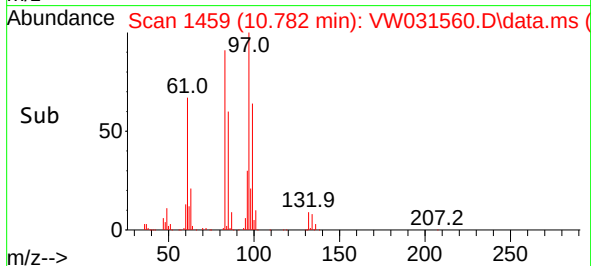
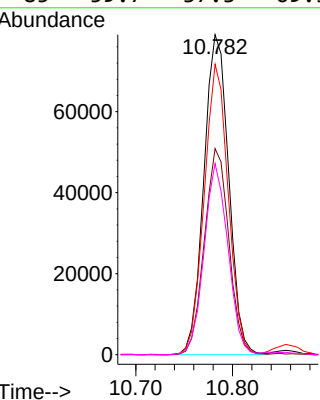
Ion Ratio Lower Upper

97 100

99 64.4 42.6 79.2

83 90.8 59.6 110.8

85 59.7 37.3 69.3



#46

Tetrachloroethene

Concen: 24.005 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW031560.D

Acq: 10 Jan 2025 12:49

Tgt Ion:164 Resp: 170746

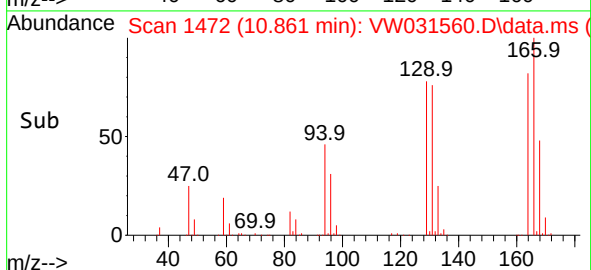
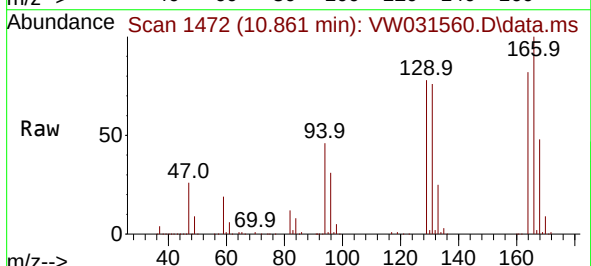
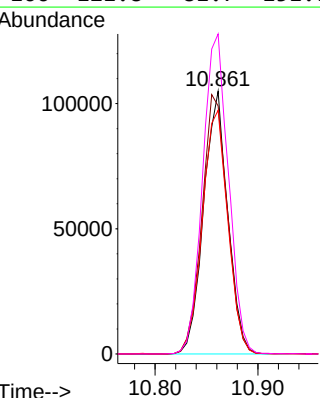
Ion Ratio Lower Upper

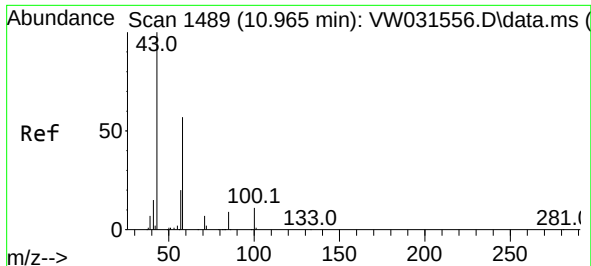
164 100

129 94.4 69.8 129.6

131 92.7 63.1 117.1

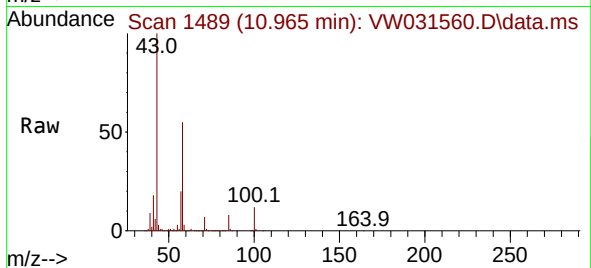
166 121.8 81.7 151.7



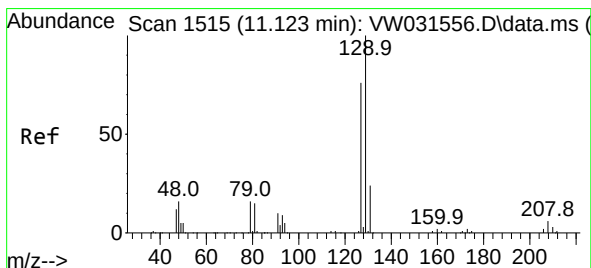
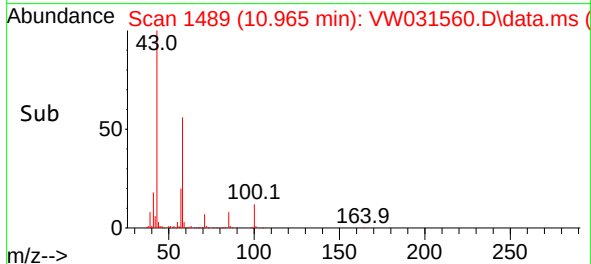
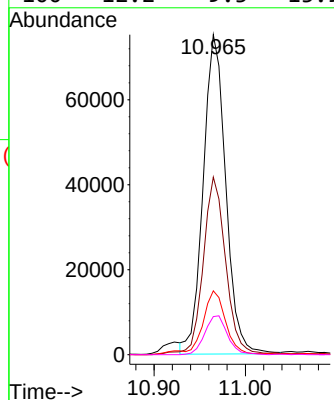


#48
2-Hexanone
Concen: 45.577 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031560.D
Acq: 10 Jan 2025 12:49

Instrument :
MSVOA_W
ClientSampleId :

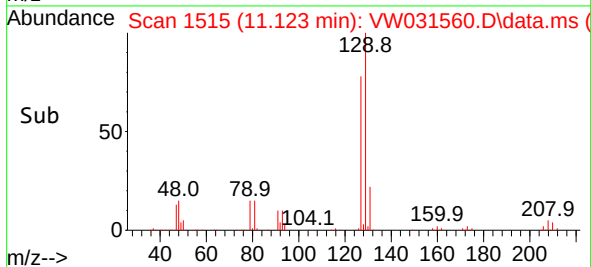
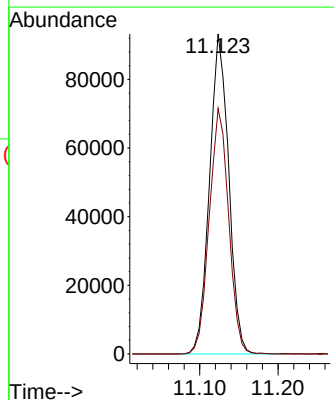
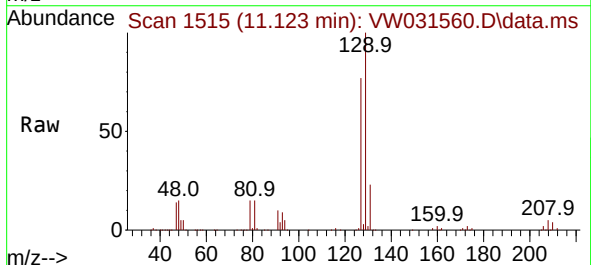


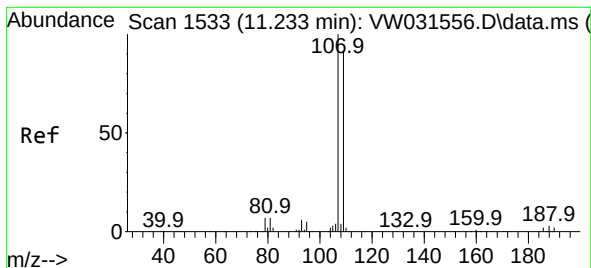
Tgt Ion: 43 Resp: 128822
Ion Ratio Lower Upper
43 100
58 53.2 44.8 67.2
57 19.5 15.6 23.4
100 12.2 9.3 13.9



#49
Dibromochloromethane
Concen: 24.250 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW031560.D
Acq: 10 Jan 2025 12:49

Tgt Ion: 129 Resp: 158477
Ion Ratio Lower Upper
129 100
127 76.7 53.0 98.4

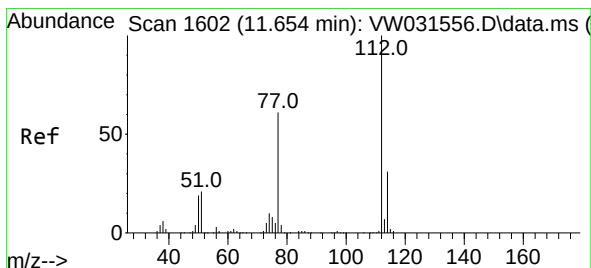
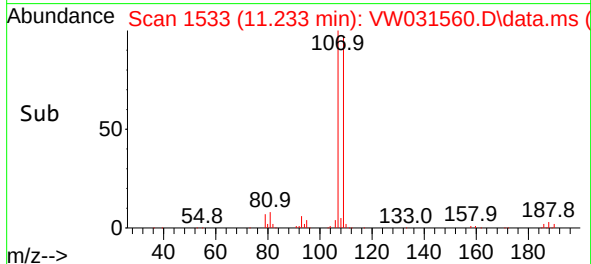
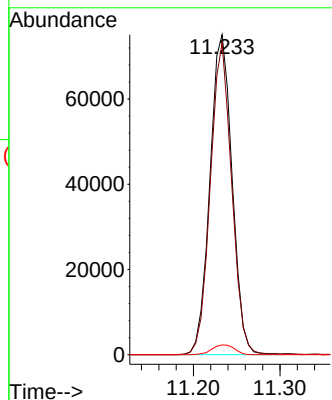
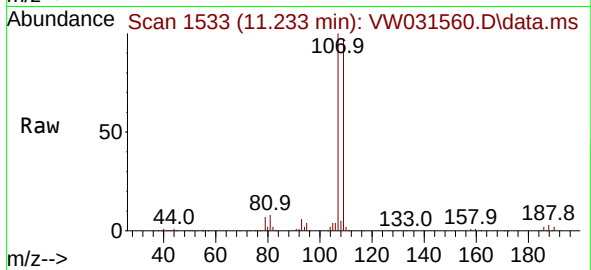




#50
1,2-Dibromoethane
Concen: 24.234 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW031560.D
Acq: 10 Jan 2025 12:49

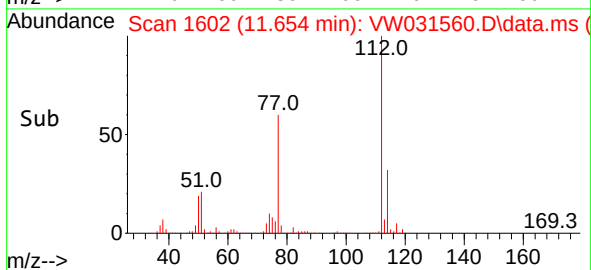
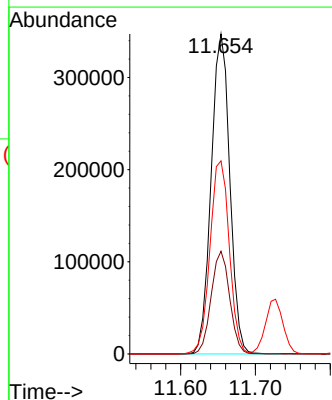
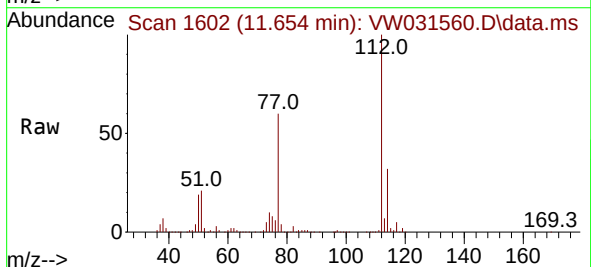
Instrument :
MSVOA_W
ClientSampleId :

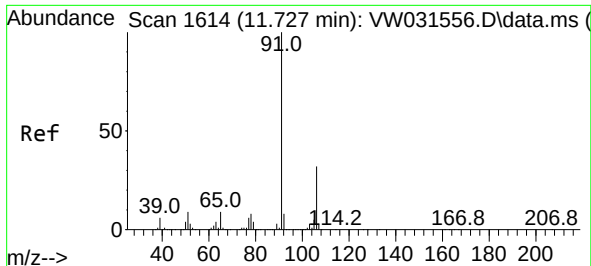
Tgt Ion:107 Resp: 133402
Ion Ratio Lower Upper
107 100
109 97.4 63.8 118.4
188 3.0 2.6 3.8



#51
Chlorobenzene
Concen: 25.256 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW031560.D
Acq: 10 Jan 2025 12:49

Tgt Ion:112 Resp: 601033
Ion Ratio Lower Upper
112 100
114 32.1 22.0 40.8
77 60.3 49.0 73.4

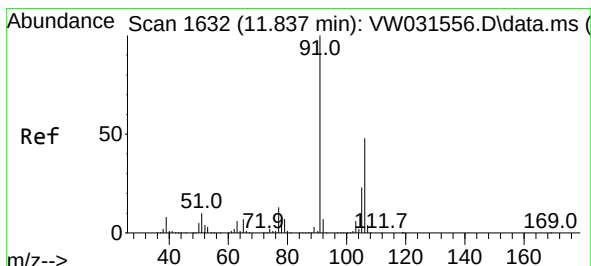
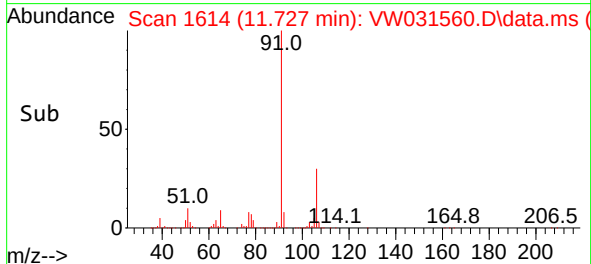
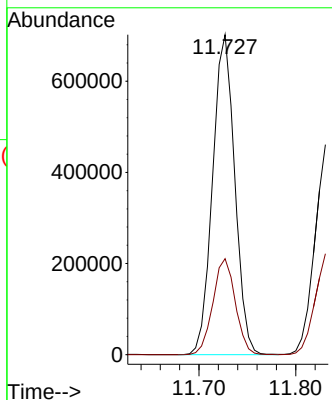
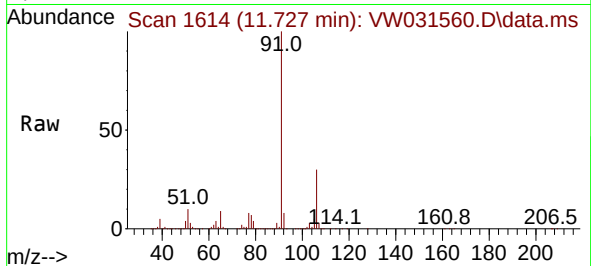




#52
Ethylbenzene
Concen: 25.251 ug/L
RT: 11.727 min Scan# 1116575
Delta R.T. 0.000 min
Lab File: VW031560.D
Acq: 10 Jan 2025 12:49

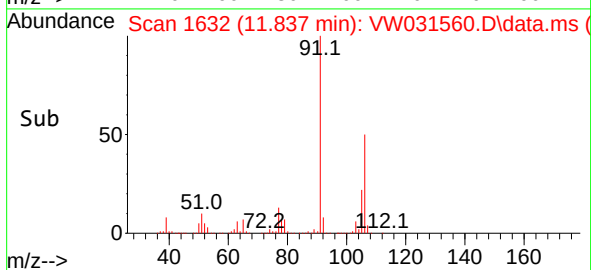
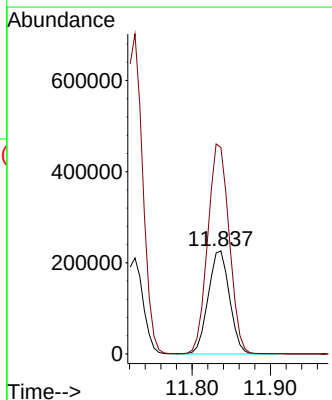
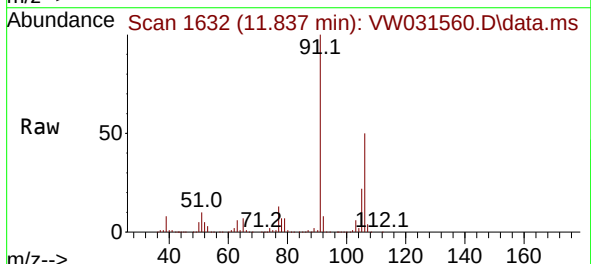
Instrument :
MSVOA_W
ClientSampleId :

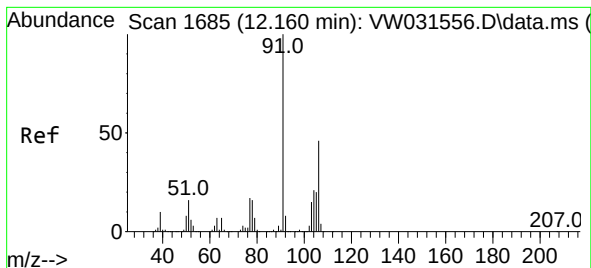
Tgt Ion: 91 Resp: 1116575
Ion Ratio Lower Upper
91 100
106 30.0 22.3 41.3



#53
m,p-Xylene
Concen: 25.276 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031560.D
Acq: 10 Jan 2025 12:49

Tgt Ion:106 Resp: 426156
Ion Ratio Lower Upper
106 100
91 200.2 145.9 270.9





#54

o-Xylene

Concen: 25.244 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031560.D

Acq: 10 Jan 2025 12:49

Instrument :

MSVOA_W

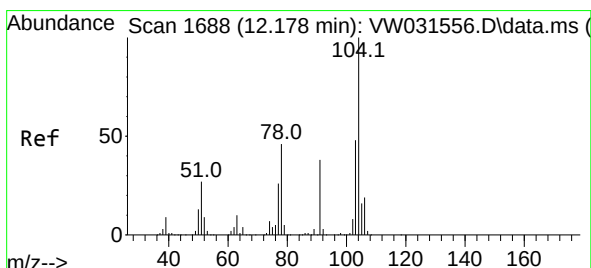
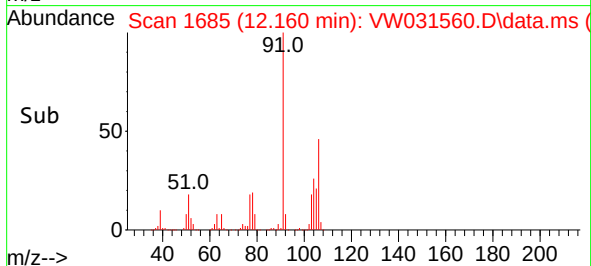
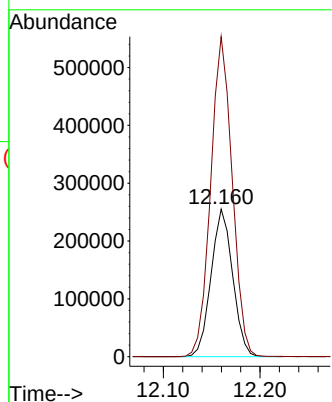
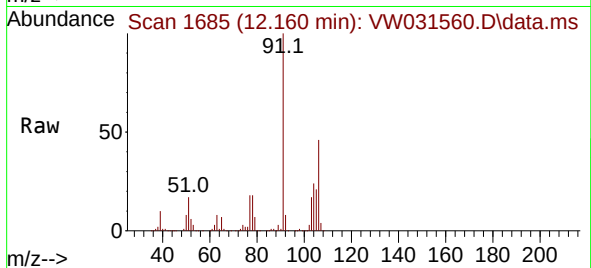
ClientSampleId :

Tgt Ion:106 Resp: 395553

Ion Ratio Lower Upper

106 100

91 216.9 152.9 284.1



#55

Styrene

Concen: 24.744 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031560.D

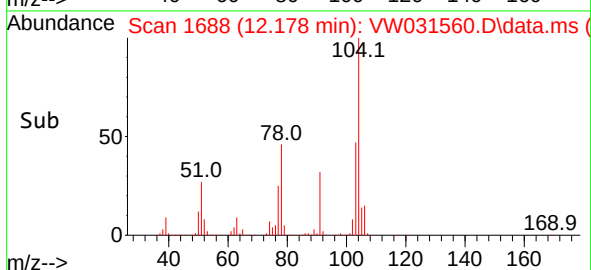
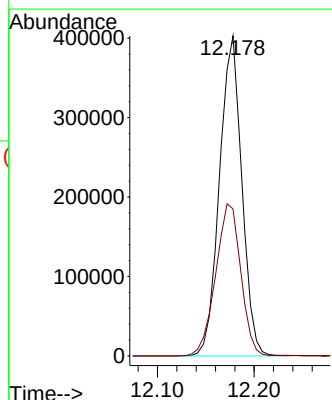
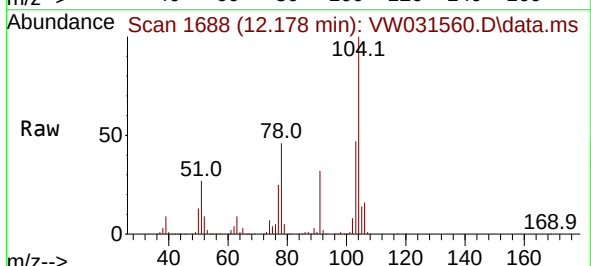
Acq: 10 Jan 2025 12:49

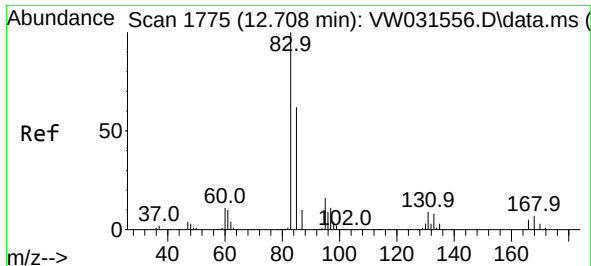
Tgt Ion:104 Resp: 645143

Ion Ratio Lower Upper

104 100

78 45.9 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 23.154 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031560.D

Acq: 10 Jan 2025 12:49

Instrument :

MSVOA_W

ClientSampleId :

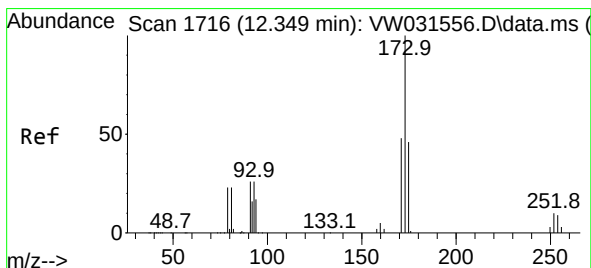
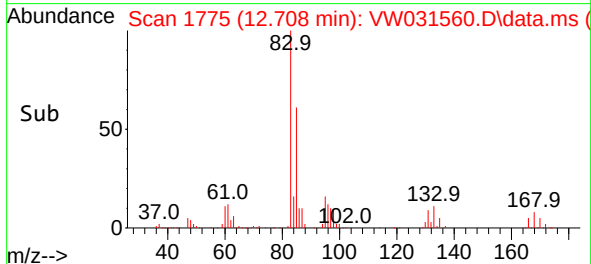
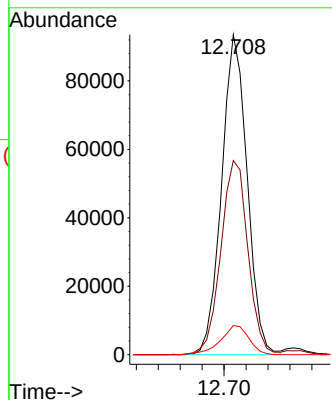
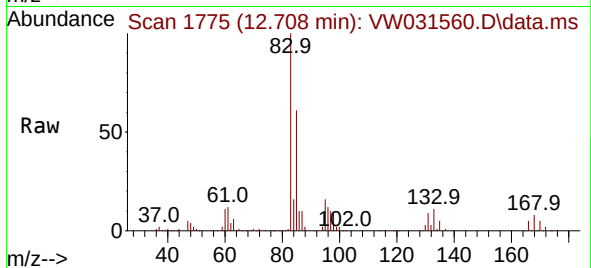
Tgt Ion: 83 Resp: 151111

Ion Ratio Lower Upper

83 100

85 60.7 44.1 81.9

131 9.1 7.4 11.0



#59

Bromoform

Concen: 23.982 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW031560.D

Acq: 10 Jan 2025 12:49

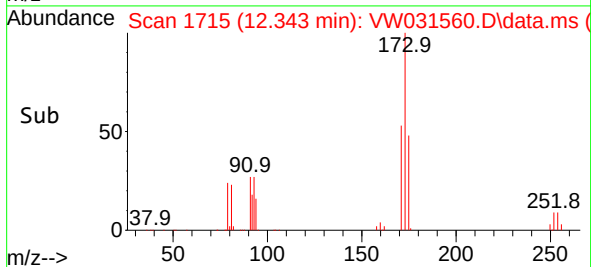
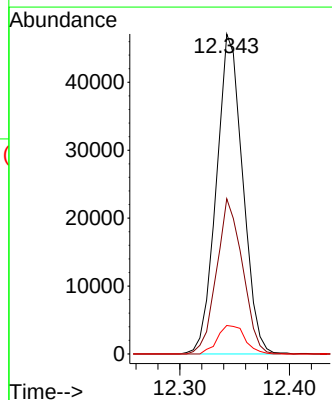
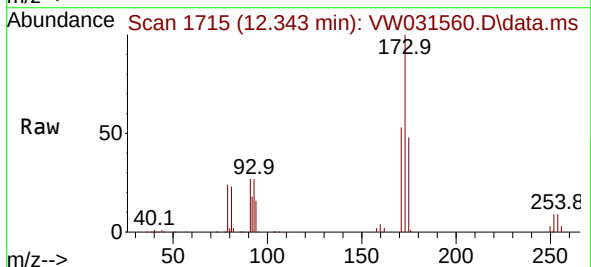
Tgt Ion:173 Resp: 78765

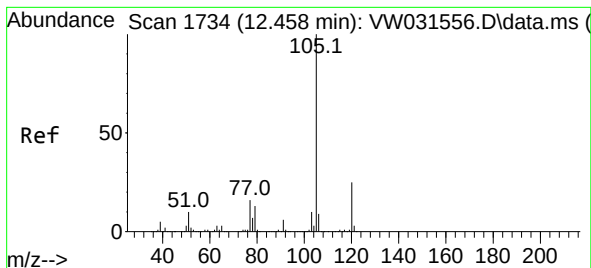
Ion Ratio Lower Upper

173 100

175 47.7 37.7 56.5

254 9.3 7.1 10.7





#60

Isopropylbenzene

Concen: 25.722 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031560.D

Acq: 10 Jan 2025 12:49

Instrument :

MSVOA_W

ClientSampleId :

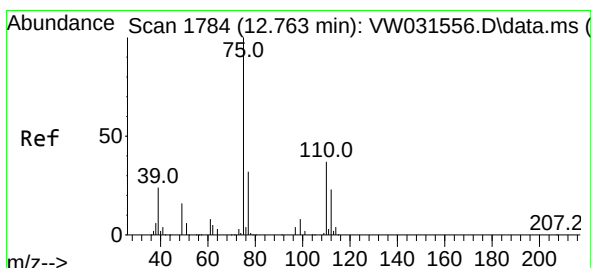
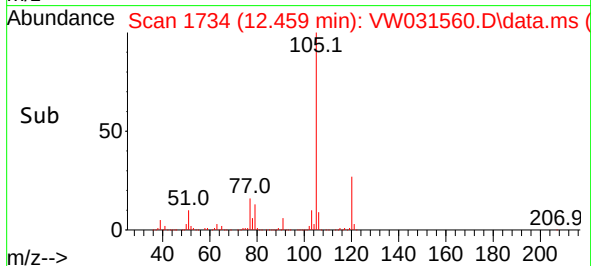
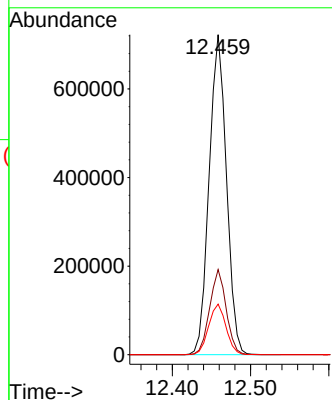
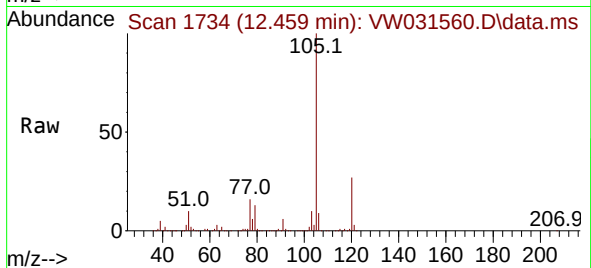
Tgt Ion:105 Resp: 1107528

Ion Ratio Lower Upper

105 100

120 25.4 20.1 30.1

77 15.9 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 23.798 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW031560.D

Acq: 10 Jan 2025 12:49

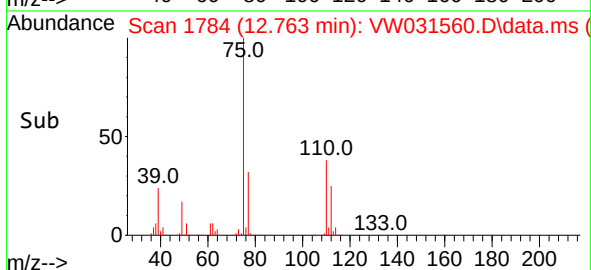
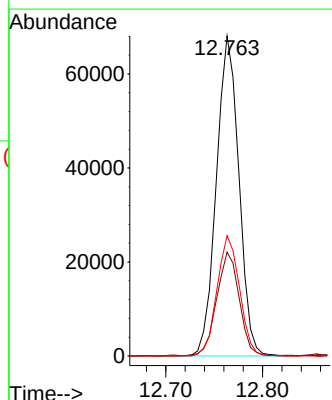
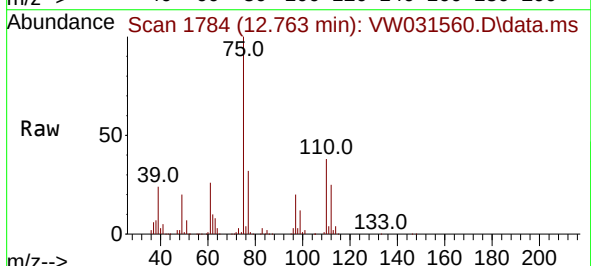
Tgt Ion: 75 Resp: 110153

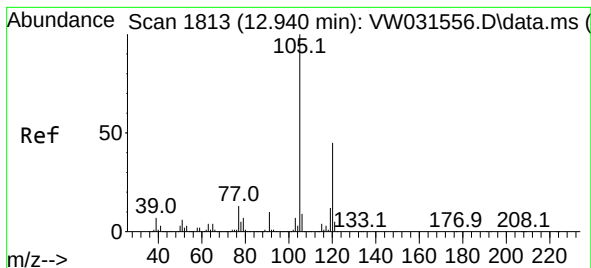
Ion Ratio Lower Upper

75 100

77 32.4 26.2 39.2

110 37.5 29.6 44.4

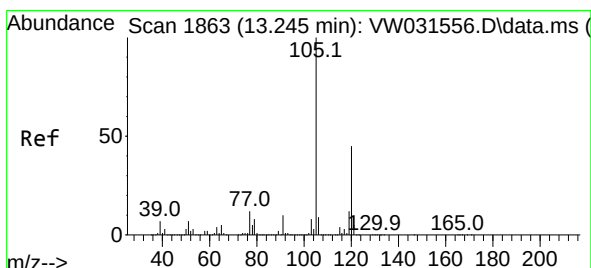
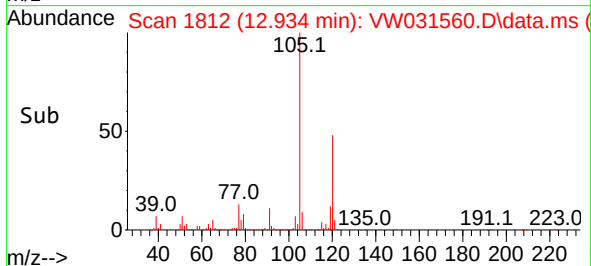
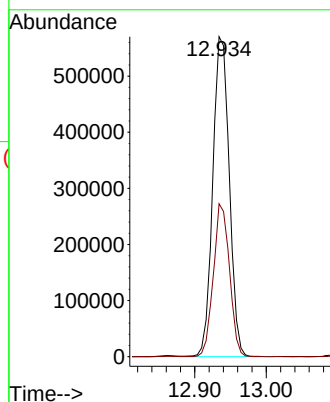
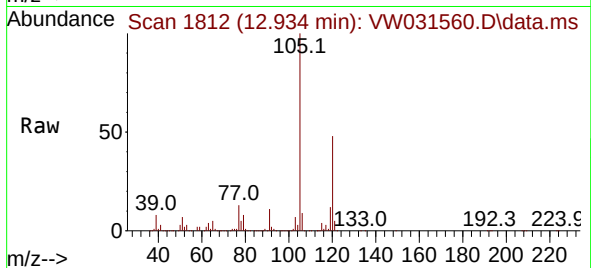




#62
1,3,5-Trimethylbenzene
Concen: 25.793 ug/L
RT: 12.934 min Scan# 1812
Delta R.T. -0.006 min
Lab File: VW031560.D
Acq: 10 Jan 2025 12:49

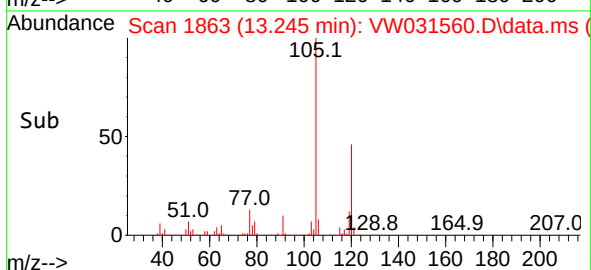
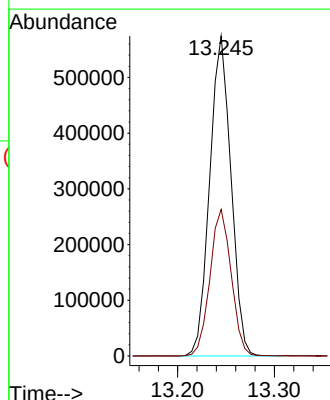
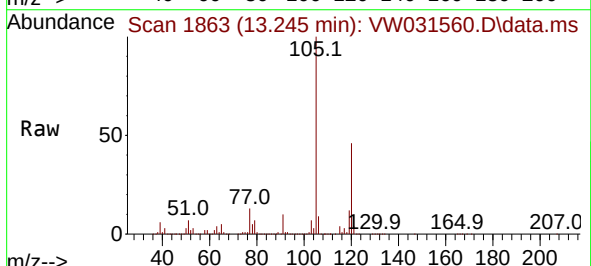
Instrument :
MSVOA_W
ClientSampleId :

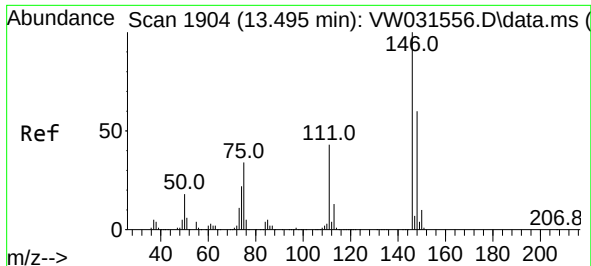
Tgt Ion:105 Resp: 914482
Ion Ratio Lower Upper
105 100
120 46.7 37.6 56.4



#63
1,2,4-Trimethylbenzene
Concen: 25.476 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031560.D
Acq: 10 Jan 2025 12:49

Tgt Ion:105 Resp: 879113
Ion Ratio Lower Upper
105 100
120 45.6 36.3 54.5

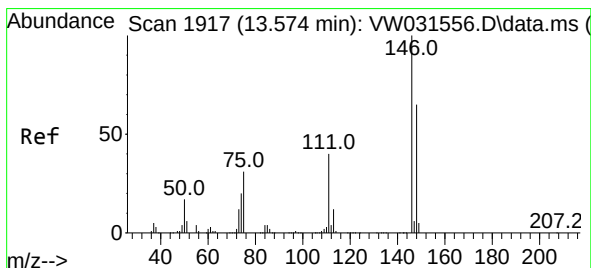
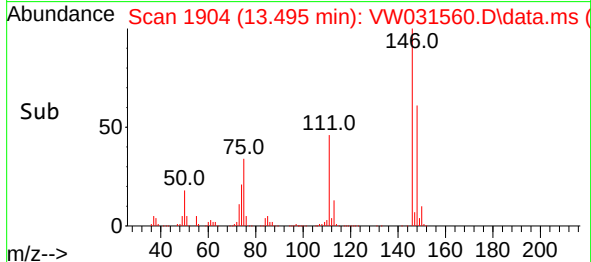
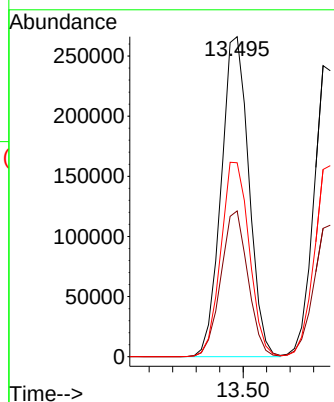
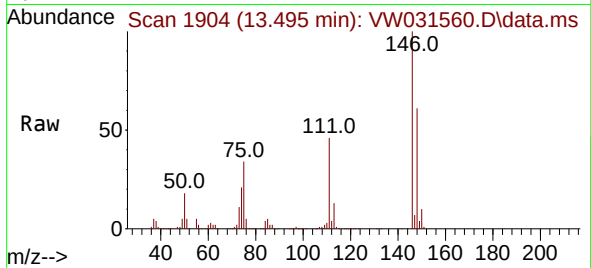




#64
1,3-Dichlorobenzene
Concen: 25.508 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031560.D
Acq: 10 Jan 2025 12:49

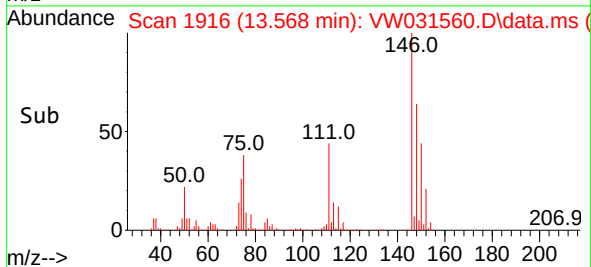
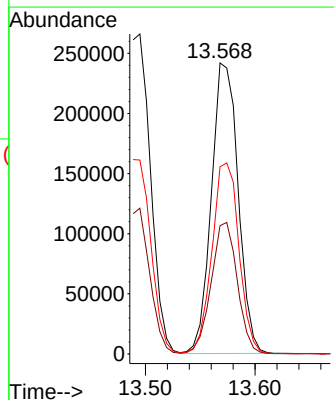
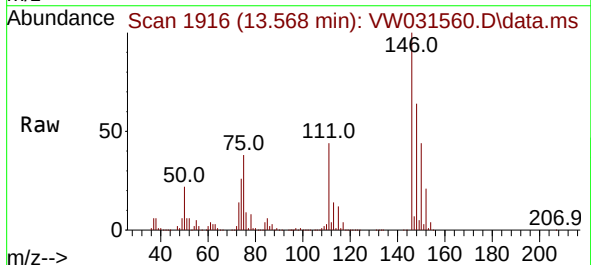
Instrument :
MSVOA_W
ClientSampleId :

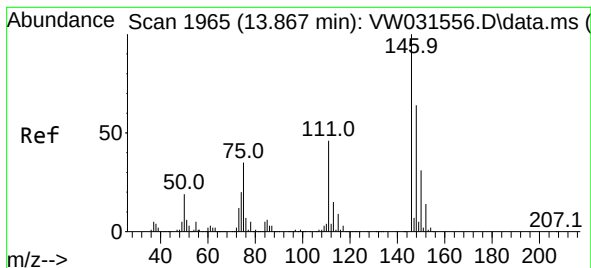
Tgt Ion:146 Resp: 435625
Ion Ratio Lower Upper
146 100
111 45.6 30.4 56.5
148 60.6 42.1 78.1



#65
1,4-Dichlorobenzene
Concen: 24.278 ug/L
RT: 13.568 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VW031560.D
Acq: 10 Jan 2025 12:49

Tgt Ion:146 Resp: 410071
Ion Ratio Lower Upper
146 100
111 44.1 28.5 52.9
148 64.3 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 24.675 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW031560.D

Acq: 10 Jan 2025 12:49

Instrument :

MSVOA_W

ClientSampleId :

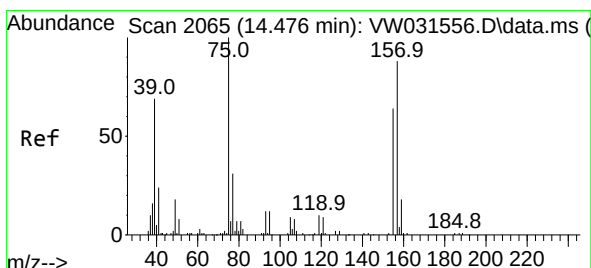
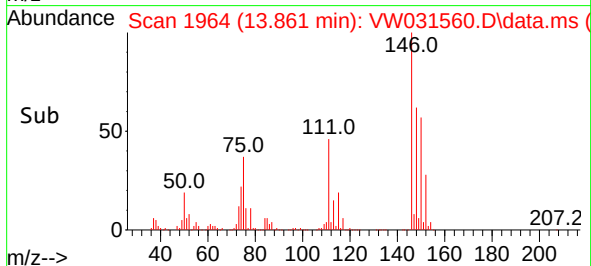
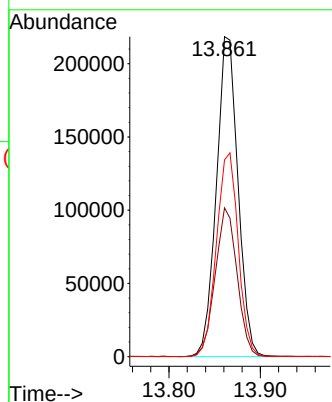
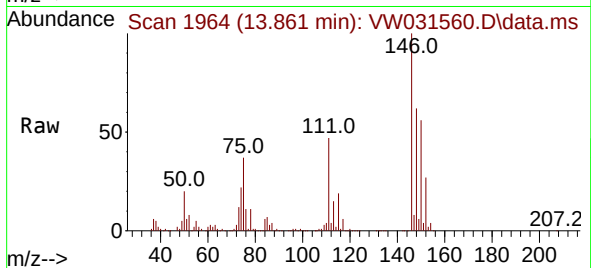
Tgt Ion:146 Resp: 359866

Ion Ratio Lower Upper

146 100

111 46.5 36.6 55.0

148 61.5 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 22.335 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031560.D

Acq: 10 Jan 2025 12:49

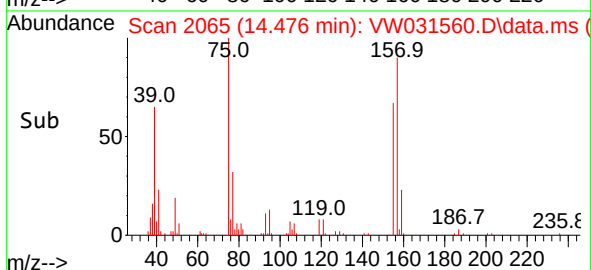
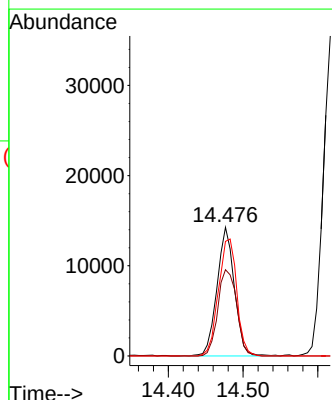
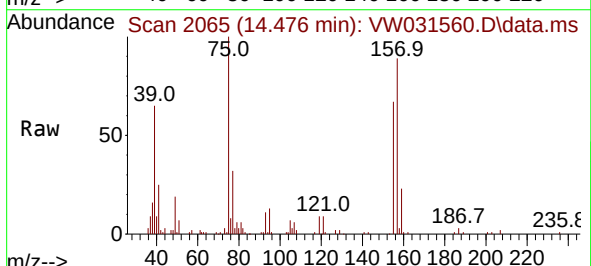
Tgt Ion: 75 Resp: 23113

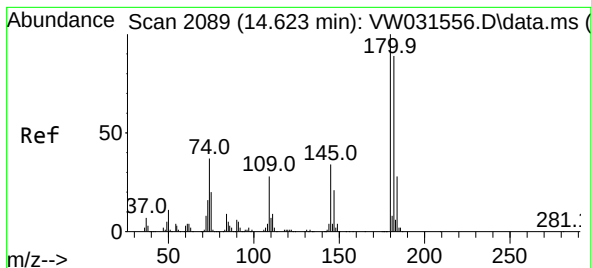
Ion Ratio Lower Upper

75 100

155 67.0 51.0 76.4

157 89.0 70.2 105.2





#69

1,3,5-Trichlorobenzene

Concen: 25.421 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

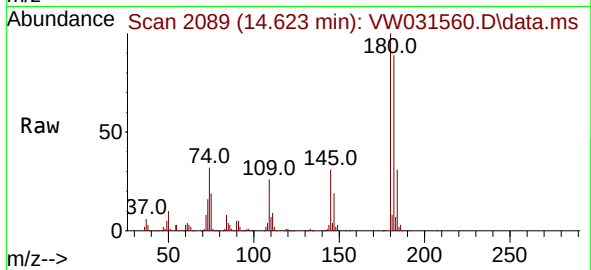
Lab File: VW031560.D

Acq: 10 Jan 2025 12:49

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 294201

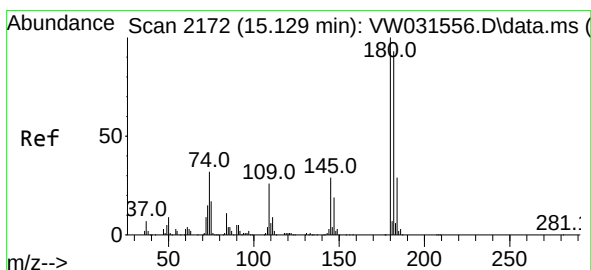
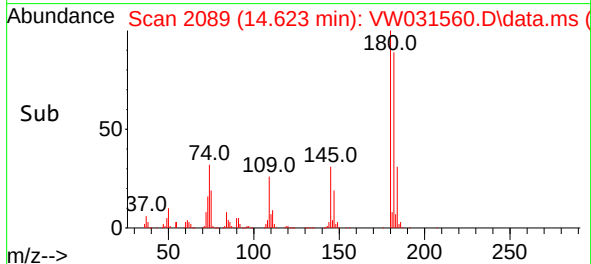
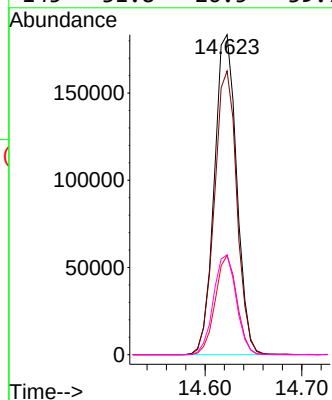
Ion Ratio Lower Upper

180 100

182 89.4 74.2 111.4

184 30.1 23.0 34.4

145 31.8 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 25.419 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW031560.D

Acq: 10 Jan 2025 12:49

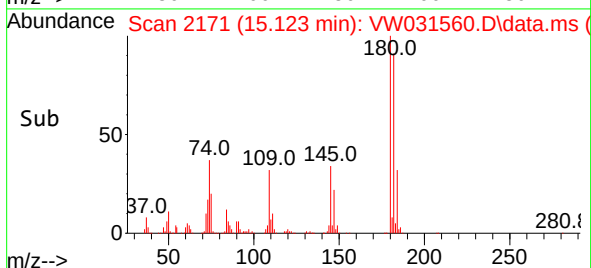
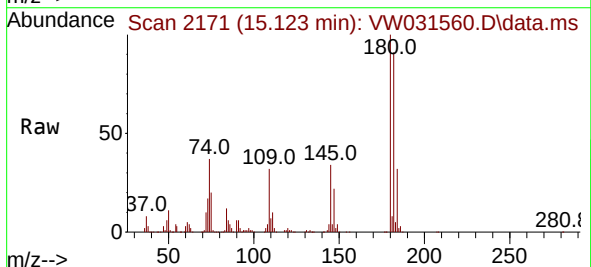
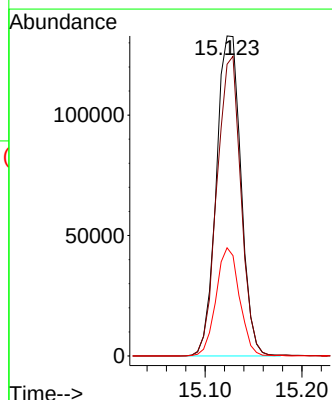
Tgt Ion:180 Resp: 234315

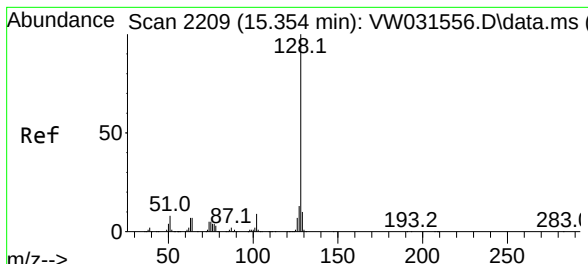
Ion Ratio Lower Upper

180 100

182 91.2 77.7 116.5

145 32.2 26.6 39.8



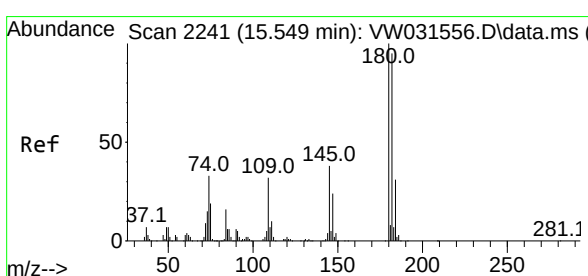
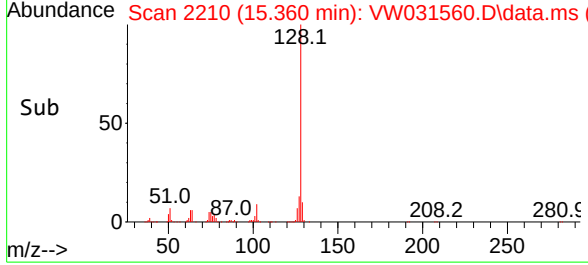
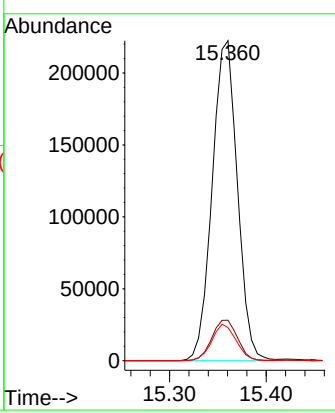
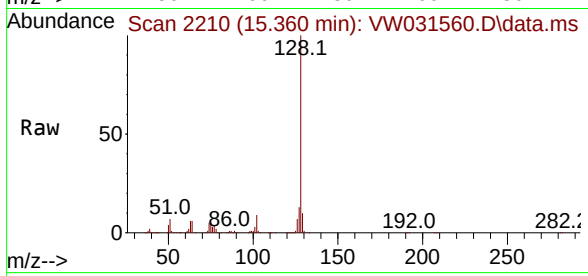


#71
Naphthalene
Concen: 23.255 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW031560.D
Acq: 10 Jan 2025 12:49

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 401953

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 23.841 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW031560.D
Acq: 10 Jan 2025 12:49

Tgt Ion:180 Resp: 185094

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.9	115.3
145	35.9	30.1	45.1

