

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011025\
 Data File : VW031557.D
 Acq On : 10 Jan 2025 10:57
 Operator : SY/MD
 Sample : VSTD05055
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 11 03:13:15 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	8.843	114	598039	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	509588	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	238580	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	373802	39.833	ug/L	0.00
7) Chloroethane-d5	2.899	69	276477	41.254	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	172509	41.157	ug/L	0.00
21) 2-Butanone-d5	7.100	46	136283	91.265	ug/L	0.00
24) Chloroform-d	7.648	84	681749	44.048	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	333221	43.742	ug/L	0.00
32) Benzene-d6	8.276	84	1395432	43.594	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	415491	43.963	ug/L	0.00
41) Toluene-d8	10.319	98	1260574	43.625	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	177809	45.815	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	93088	95.351	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	263424	45.578	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	361570	43.209	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	397847	52.620	ug/L	96
3) Chloromethane	2.222	50	390393	48.424	ug/L	98
5) Vinyl chloride	2.375	62	512362	49.824	ug/L	99
6) Bromomethane	2.795	94	302922	50.399	ug/L	98
8) Chloroethane	2.936	64	305979	50.619	ug/L	100
9) Trichlorofluoromethane	3.265	101	506885	49.616	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	399208	51.052	ug/L	99
12) 1,1-Dichloroethene	4.045	96	402279	50.551	ug/L	92
13) Acetone	4.185	43	103348	92.992	ug/L	86
14) Carbon disulfide	4.387	76	1352889	50.471	ug/L	99
15) Methyl Acetate	4.691	43	153633	52.543	ug/L #	75
16) Methylene chloride	4.923	84	409877	50.324	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	434365	50.820	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	709795	51.789	ug/L	100
19) 1,1-Dichloroethane	6.222	63	828162	51.500	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	470166	51.520	ug/L	100
22) 2-Butanone	7.191	43	190652	98.812	ug/L	98
23) Bromochloromethane	7.520	128	184415	51.601	ug/L	97
25) Chloroform	7.679	83	783087	51.198	ug/L	97
27) 1,2-Dichloroethane	8.398	62	484261	51.405	ug/L	96
29) Cyclohexane	7.959	56	829646	50.796	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	671770	50.782	ug/L	100
31) Carbon tetrachloride	8.069	117	603185	51.428	ug/L	98
33) Benzene	8.325	78	1790979	51.352	ug/L	100
34) Trichloroethene	9.093	95	479910	51.181	ug/L	98
35) Methylcyclohexane	9.337	83	855228	50.873	ug/L	99
37) 1,2-Dichloropropane	9.367	63	447626	51.065	ug/L	100
38) Bromodichloromethane	9.642	83	549764	51.848	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	724823	52.563	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	450496	102.961	ug/L	100
42) Toluene	10.386	91	1861157	51.051	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	586992	53.255	ug/L	96

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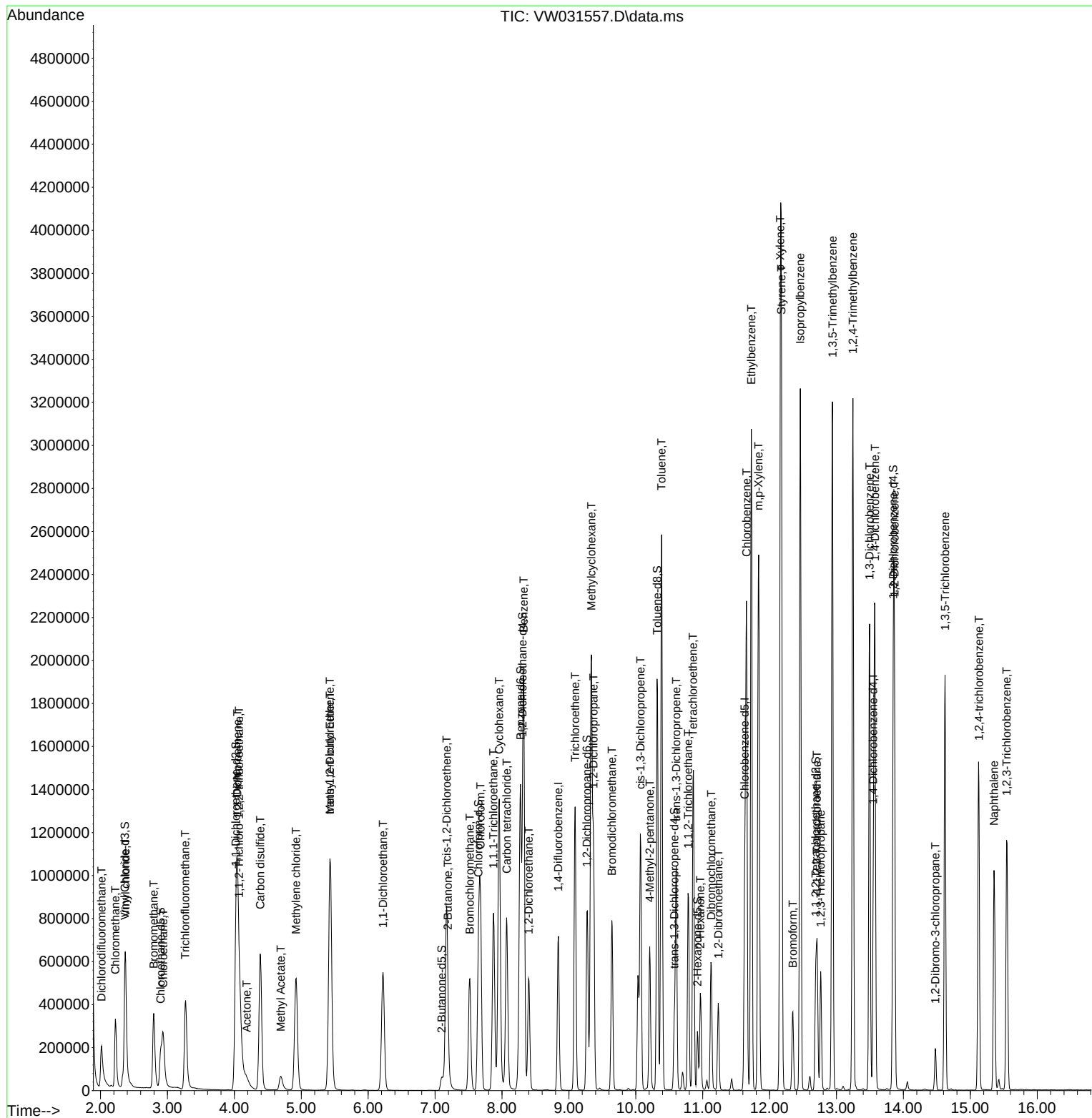
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	291572	51.893	ug/L	96
46) Tetrachloroethene	10.855	164	336711	50.041	ug/L	94
48) 2-Hexanone	10.965	43	295979	110.696	ug/L	99
49) Dibromochloromethane	11.129	129	326501	52.814	ug/L	100
50) 1,2-Dibromoethane	11.233	107	276157	53.031	ug/L	95
51) Chlorobenzene	11.654	112	1139523	50.618	ug/L	96
52) Ethylbenzene	11.727	91	2156751	51.559	ug/L	99
53) m,p-Xylene	11.837	106	813179	50.984	ug/L	93
54) o-Xylene	12.160	106	770602	51.988	ug/L	98
55) Styrene	12.178	104	1287645	52.207	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	322611	52.254	ug/L	99
59) Bromoform	12.349	173	168366	52.961	ug/L	98
60) Isopropylbenzene	12.458	105	2130349	51.114	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	235612	52.588	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1778754	51.831	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1741961	52.152	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	857715	51.887	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	839030	51.320	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	721255	51.093	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	53048	52.960	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	563963	50.344	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	459007	51.443	ug/L	99
71) Naphthalene	15.354	128	880449	52.624	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	394070	52.438	ug/L	94

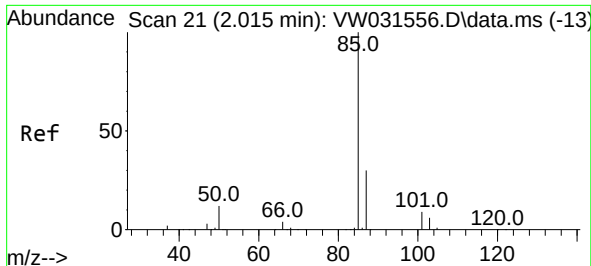
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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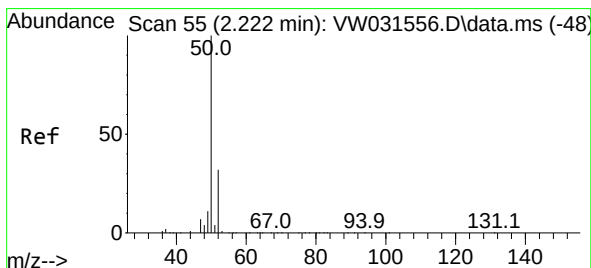
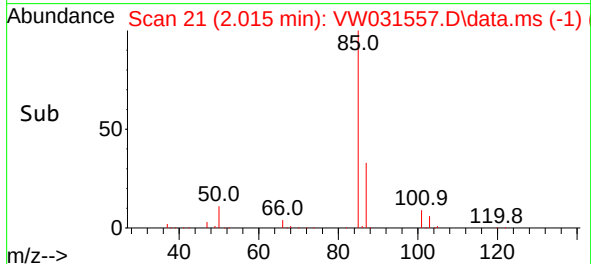
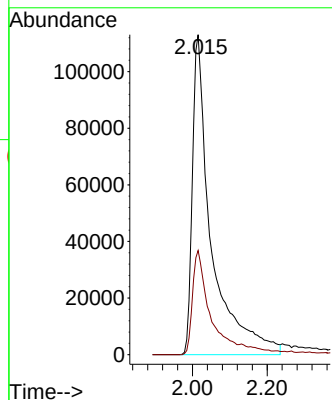
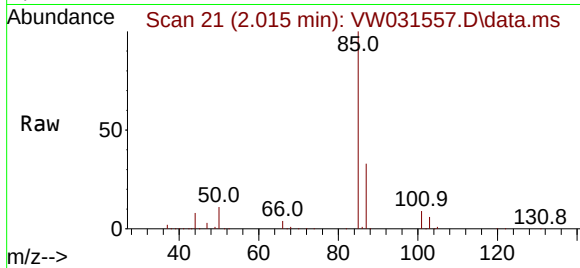




#2
Dichlorodifluoromethane
Concen: 52.620 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW031557.D
Acq: 10 Jan 2025 10:57

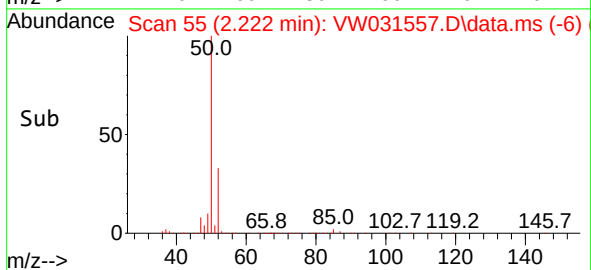
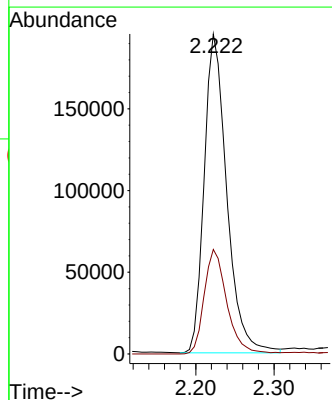
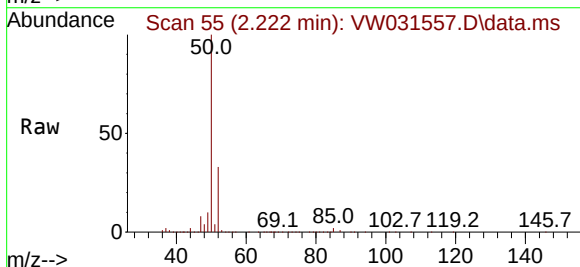
Instrument :
MSVOA_W
ClientSampleId :

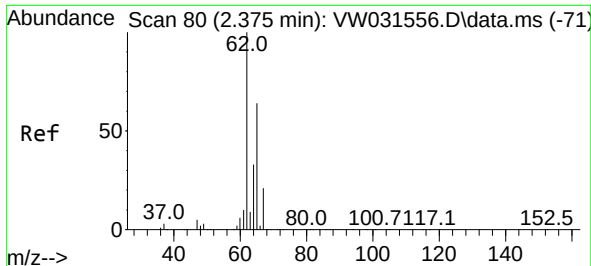
Tgt Ion: 85 Resp: 397847
Ion Ratio Lower Upper
85 100
87 29.0 25.0 37.4



#3
Chloromethane
Concen: 48.424 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW031557.D
Acq: 10 Jan 2025 10:57

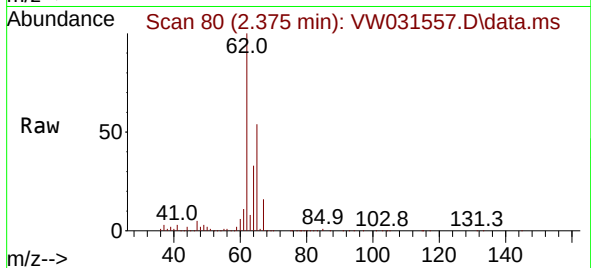
Tgt Ion: 50 Resp: 390393
Ion Ratio Lower Upper
50 100
52 32.7 22.3 41.3



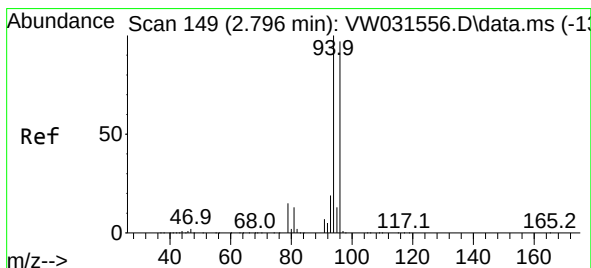
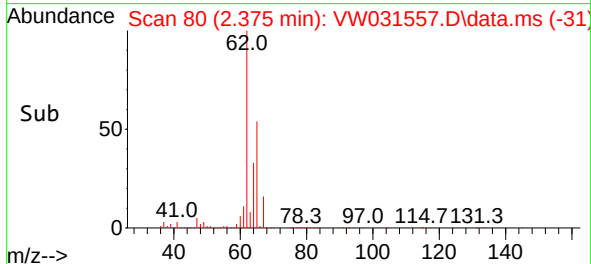
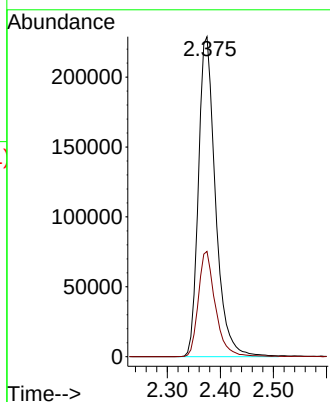


#5
 Vinyl chloride
 Concen: 49.824 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW031557.D
 Acq: 10 Jan 2025 10:57

Instrument :
 MSVOA_W
 ClientSampleId :

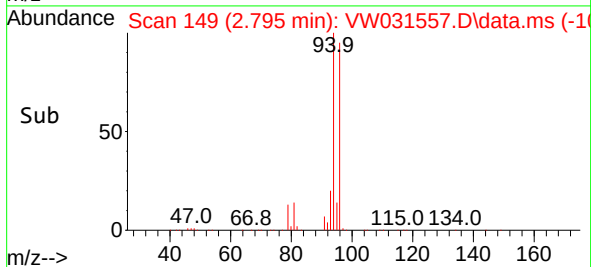
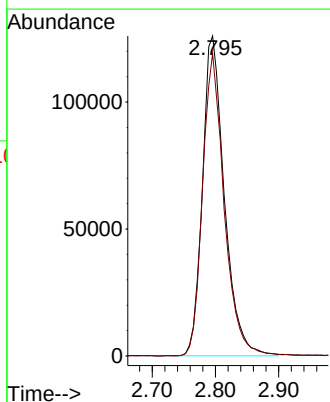
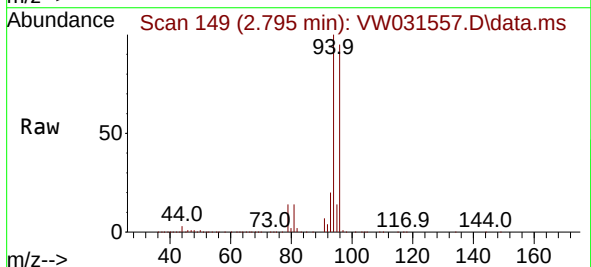


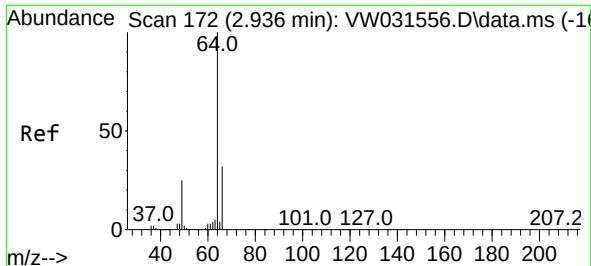
Tgt Ion: 62 Resp: 512362
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.7 42.3



#6
 Bromomethane
 Concen: 50.399 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VW031557.D
 Acq: 10 Jan 2025 10:57

Tgt Ion: 94 Resp: 302922
 Ion Ratio Lower Upper
 94 100
 96 94.5 67.6 125.6

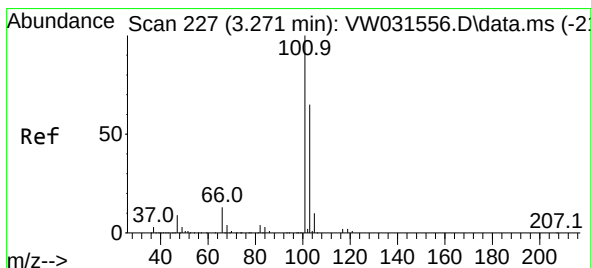
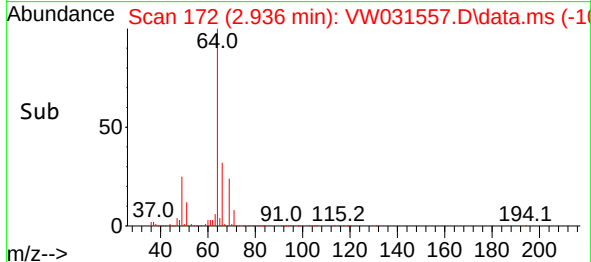
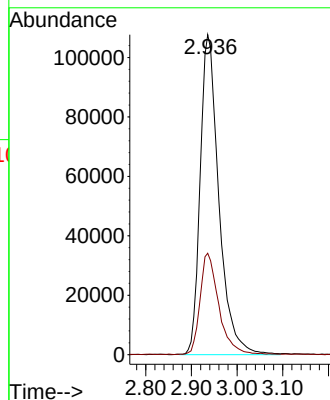
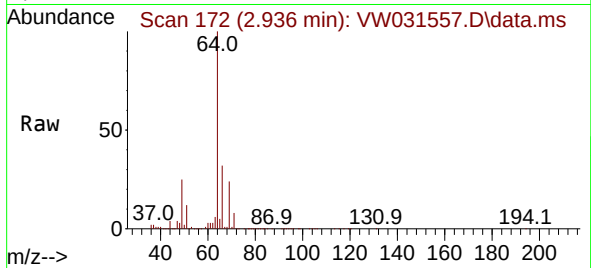




#8
Chloroethane
Concen: 50.619 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW031557.D
Acq: 10 Jan 2025 10:57

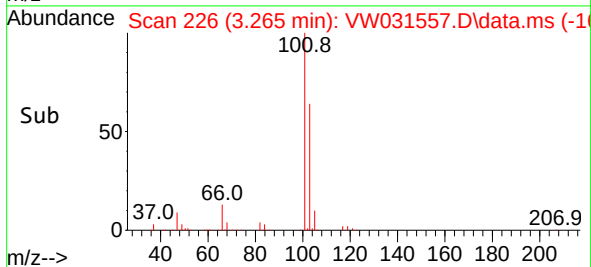
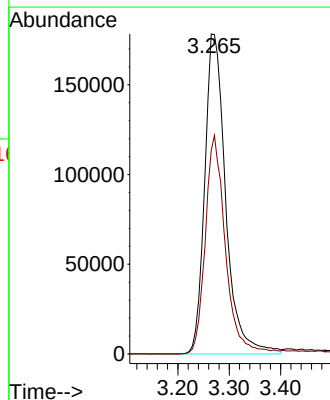
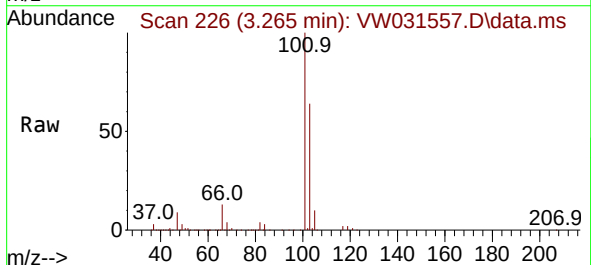
Instrument :
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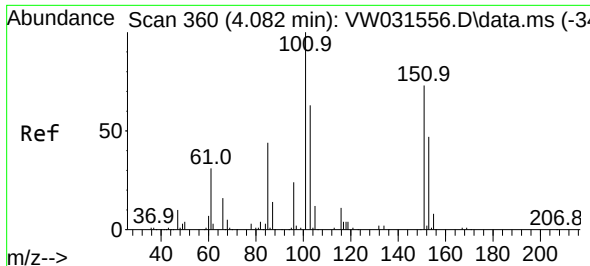
Tgt Ion: 64 Resp: 305979
Ion Ratio Lower Upper
64 100
66 31.7 22.3 41.3



#9
Trichlorofluoromethane
Concen: 49.616 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW031557.D
Acq: 10 Jan 2025 10:57

Tgt Ion:101 Resp: 506885
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.2

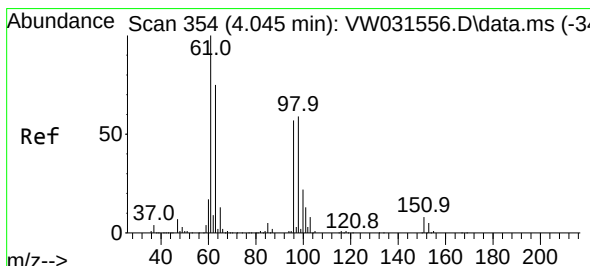
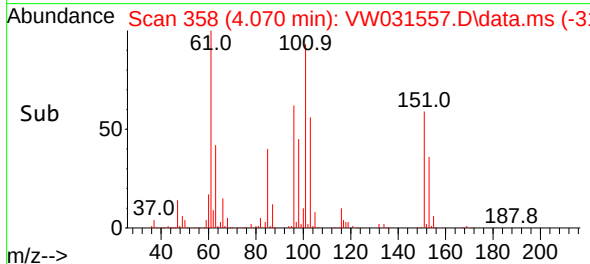
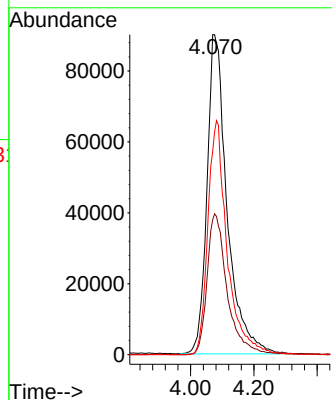
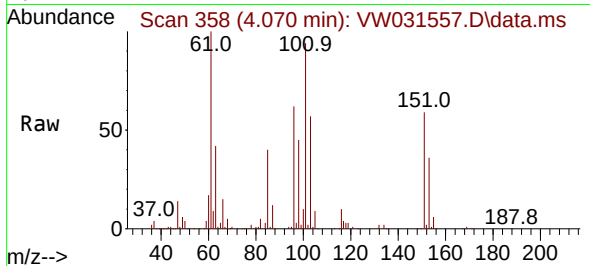




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.052 ug/L
 RT: 4.070 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW031557.D
 Acq: 10 Jan 2025 10:57

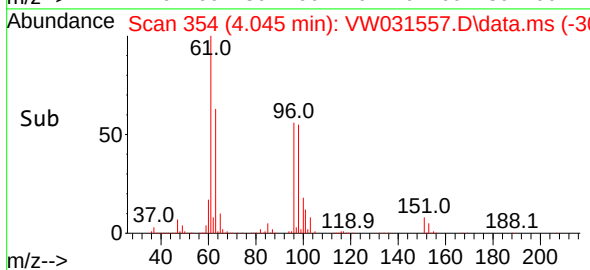
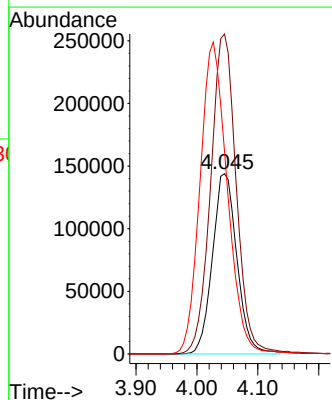
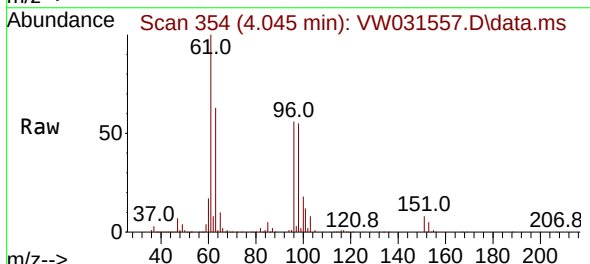
Instrument :
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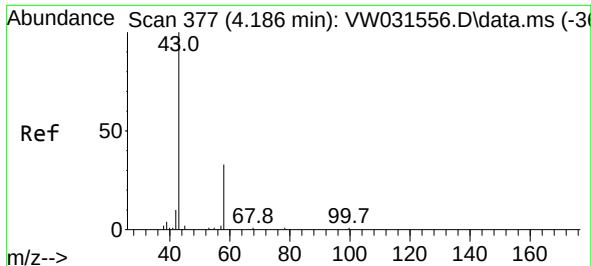
Tgt Ion:101 Resp: 399208
 Ion Ratio Lower Upper
 101 100
 85 43.9 36.1 54.1
 151 70.0 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 50.551 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW031557.D
 Acq: 10 Jan 2025 10:57

Tgt Ion: 96 Resp: 402279
 Ion Ratio Lower Upper
 96 100
 61 177.5 123.8 230.0
 63 112.4 94.1 174.8

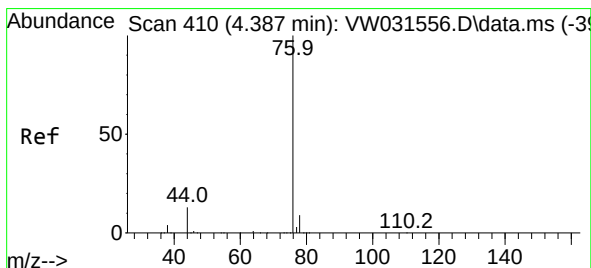
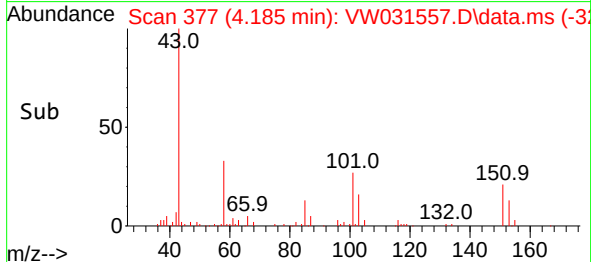
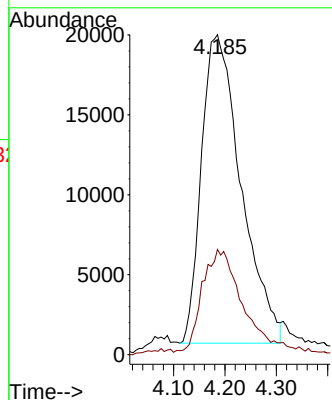
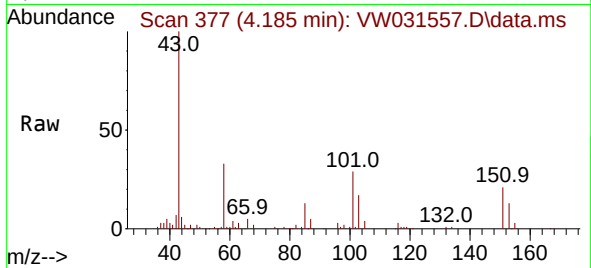




#13
Acetone
Concen: 92.992 ug/L
RT: 4.185 min Scan# 377
Delta R.T. -0.000 min
Lab File: VW031557.D
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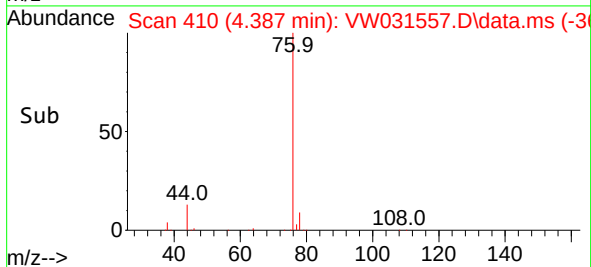
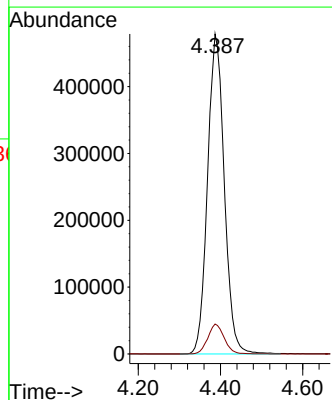
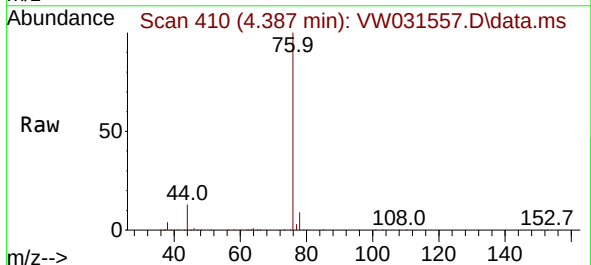
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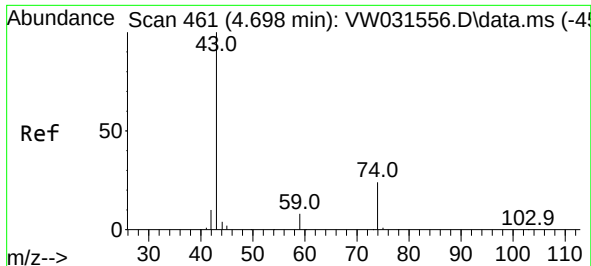
Tgt Ion: 43 Resp: 103348
Ion Ratio Lower Upper
43 100
58 19.7 0.0 28.2



#14
Carbon disulfide
Concen: 50.471 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
Lab File: VW031557.D
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Tgt Ion: 76 Resp: 1352889
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

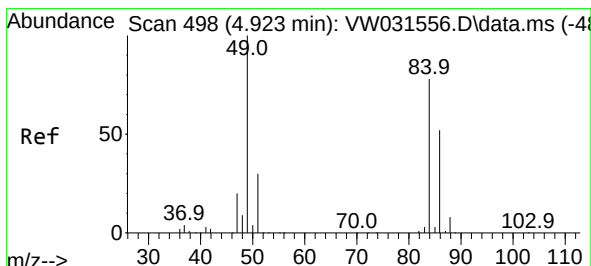
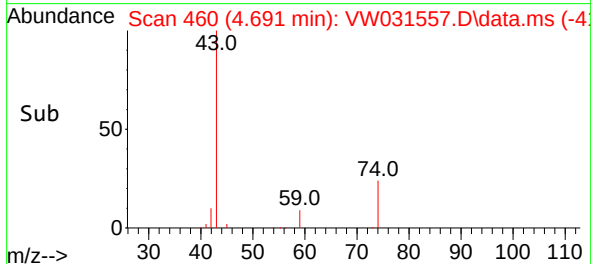
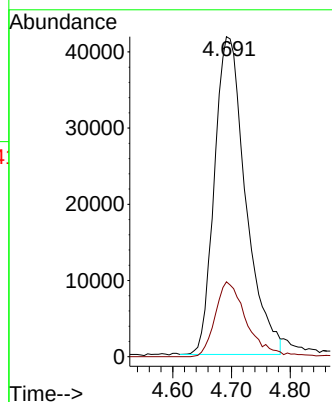
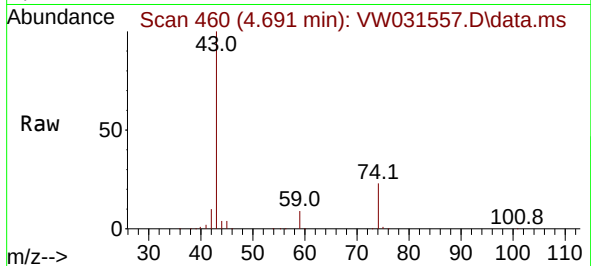




#15
Methyl Acetate
Concen: 52.543 ug/L
RT: 4.691 min Scan# 460
Delta R.T. -0.006 min
Lab File: VW031557.D
Acq: 10 Jan 2025 10:57

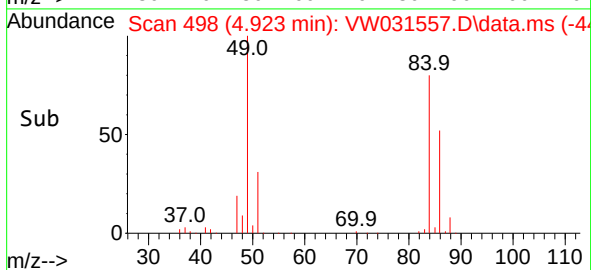
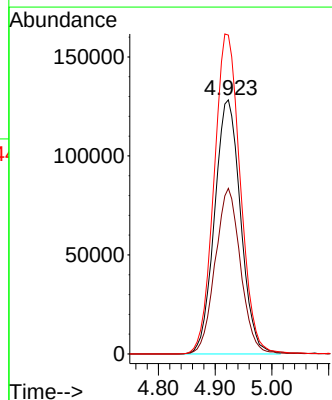
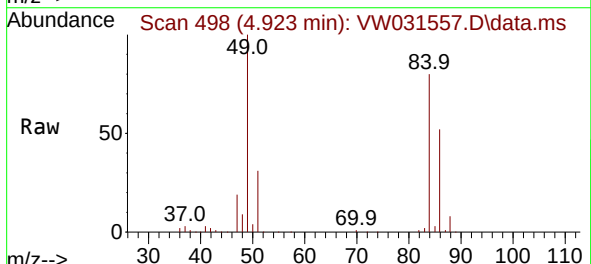
Instrument :
MSVOA_W
ClientSampleId :

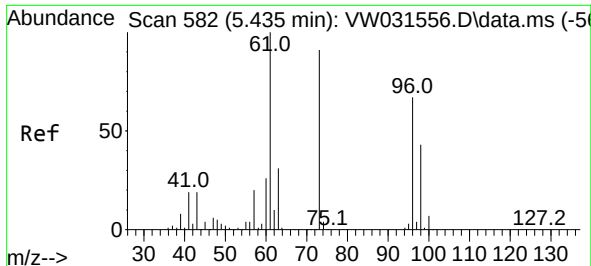
Tgt Ion: 43 Resp: 153633
Ion Ratio Lower Upper
43 100
74 23.3 10.6 15.8#



#16
Methylene chloride
Concen: 50.324 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW031557.D
Acq: 10 Jan 2025 10:57

Tgt Ion: 84 Resp: 409877
Ion Ratio Lower Upper
84 100
86 65.2 47.0 87.2
49 125.5 89.8 166.8





#17

trans-1,2-Dichloroethene

Concen: 50.820 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW031557.D

Acq: 10 Jan 2025 10:57

Instrument :

MSVOA_W

ClientSampleId :

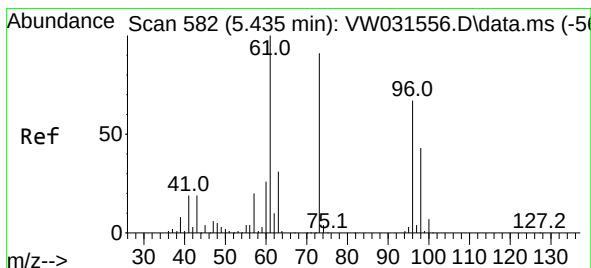
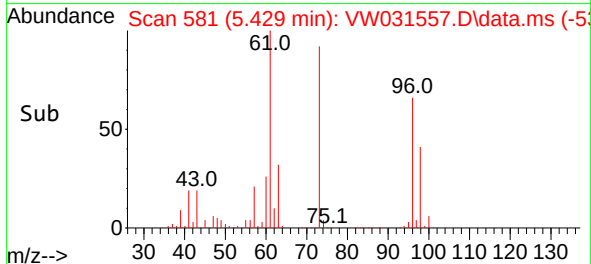
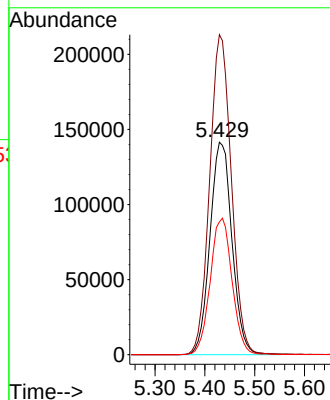
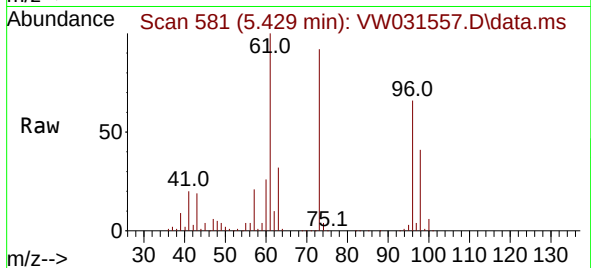
Tgt Ion: 96 Resp: 434365

Ion Ratio Lower Upper

96 100

61 150.5 105.1 195.1

98 62.5 44.9 83.3



#18

Methyl tert-butyl Ether

Concen: 51.789 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW031557.D

Acq: 10 Jan 2025 10:57

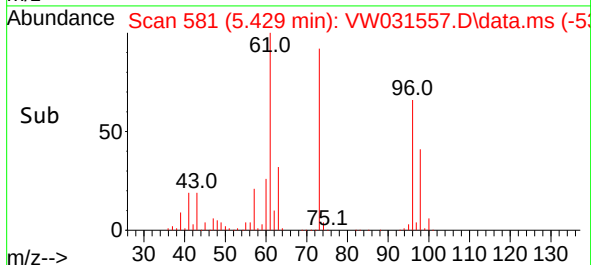
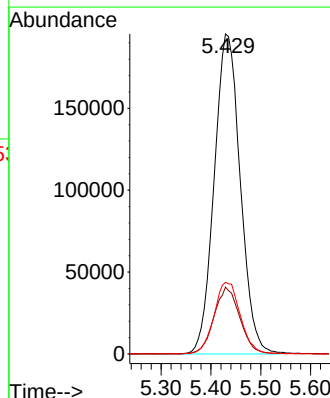
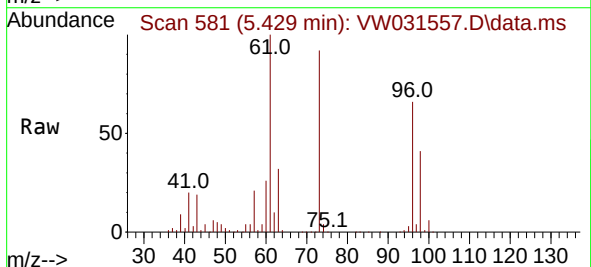
Tgt Ion: 73 Resp: 709795

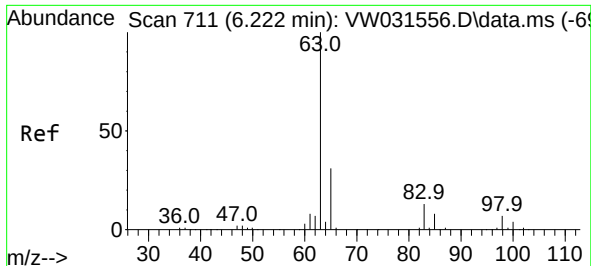
Ion Ratio Lower Upper

73 100

43 20.4 16.4 24.6

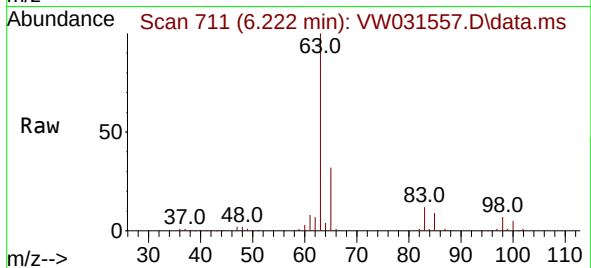
57 22.6 18.2 27.2



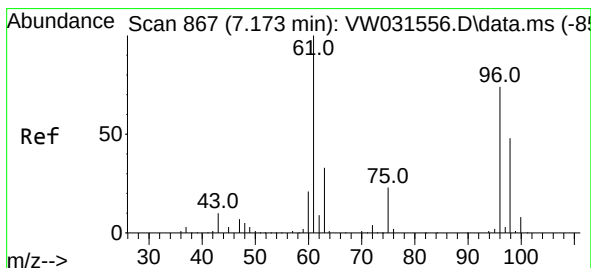
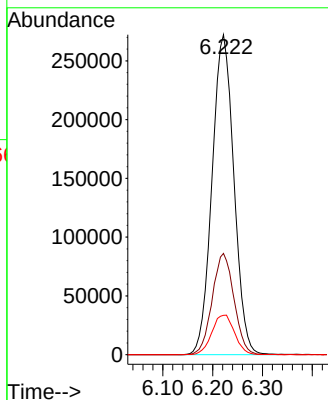
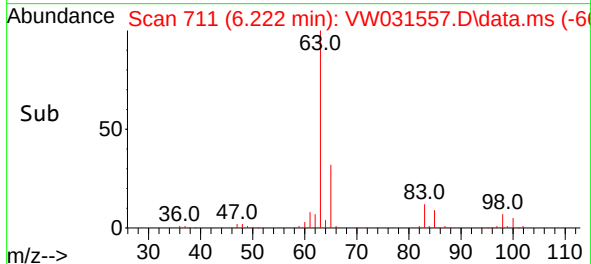


#19
1,1-Dichloroethane
Concen: 51.500 ug/L
RT: 6.222 min Scan# 711
Delta R.T. -0.000 min
Lab File: VW031557.D
Acq: 10 Jan 2025 10:57

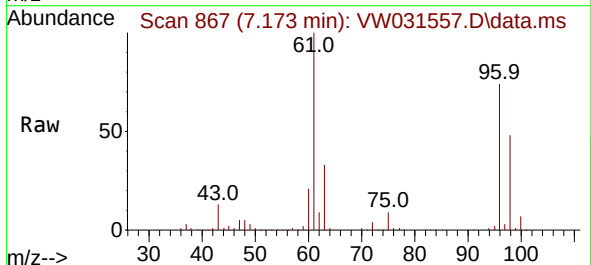
Instrument :
MSVOA_W
ClientSampleId :



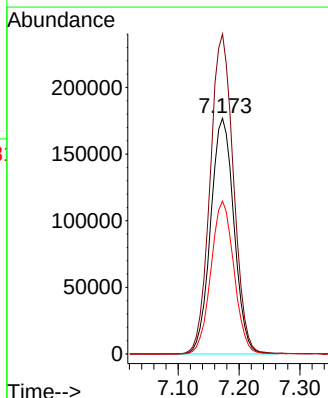
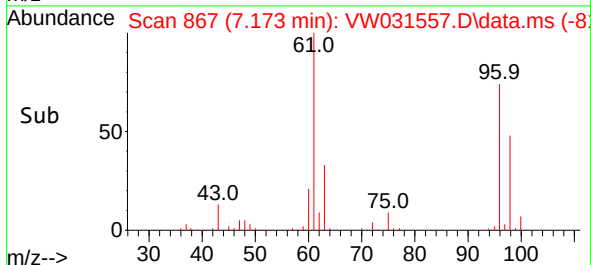
Tgt Ion: 63 Resp: 828162
Ion Ratio Lower Upper
63 100
65 31.7 22.0 41.0
83 12.3 9.0 16.6

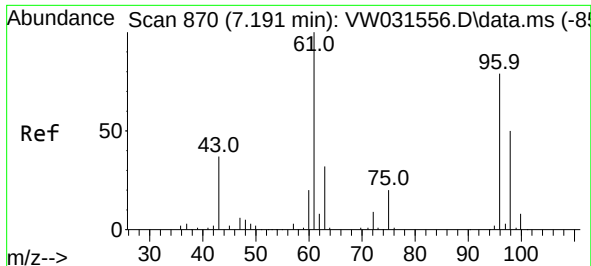


#20
cis-1,2-Dichloroethene
Concen: 51.520 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW031557.D
Acq: 10 Jan 2025 10:57



Tgt Ion: 96 Resp: 470166
Ion Ratio Lower Upper
96 100
61 135.8 94.8 176.2
98 64.9 45.6 84.8

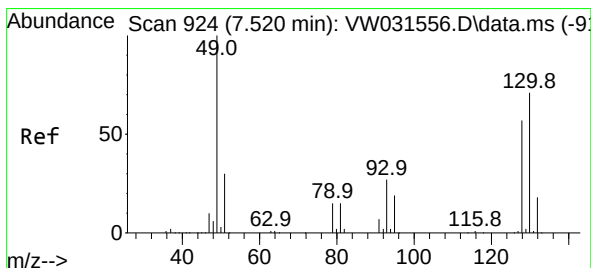
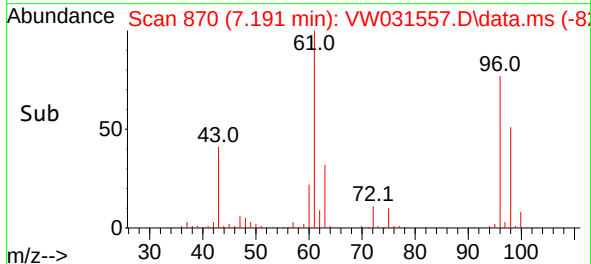
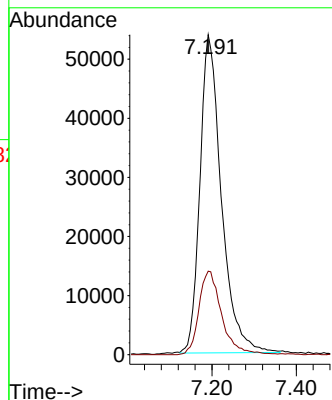
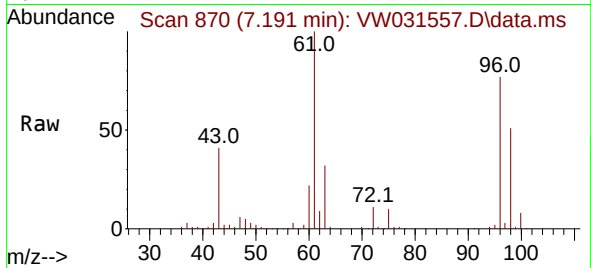




#22
2-Butanone
Concen: 98.812 ug/L
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW031557.D
Acq: 10 Jan 2025 10:57

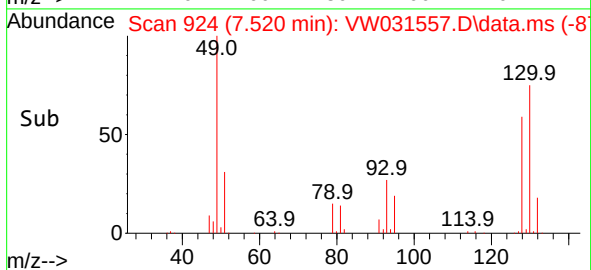
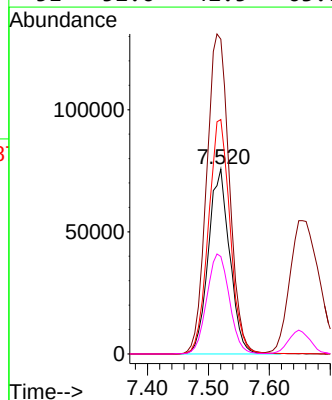
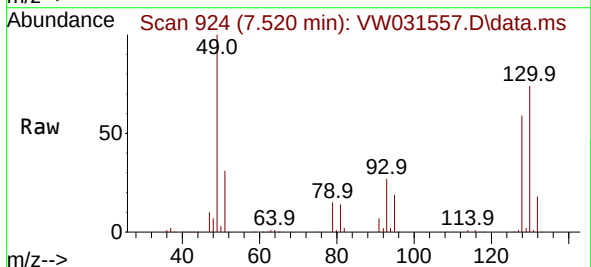
Instrument :
MSVOA_W
ClientSampleId :

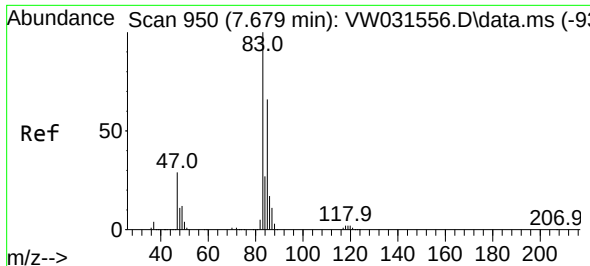
Tgt Ion: 43 Resp: 190652
Ion Ratio Lower Upper
43 100
72 27.3 13.2 39.5



#23
Bromochloromethane
Concen: 51.601 ug/L
RT: 7.520 min Scan# 924
Delta R.T. -0.000 min
Lab File: VW031557.D
Acq: 10 Jan 2025 10:57

Tgt Ion:128 Resp: 184415
Ion Ratio Lower Upper
128 100
49 170.1 123.9 230.1
130 126.7 88.1 163.7
51 52.6 42.5 63.7

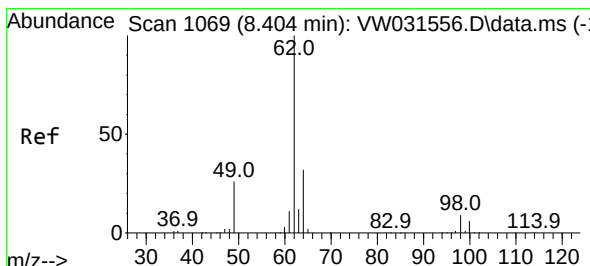
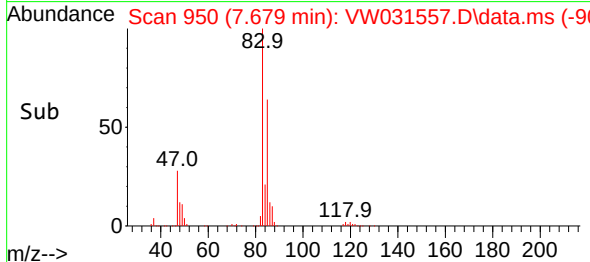
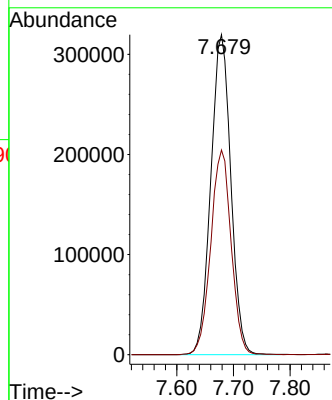
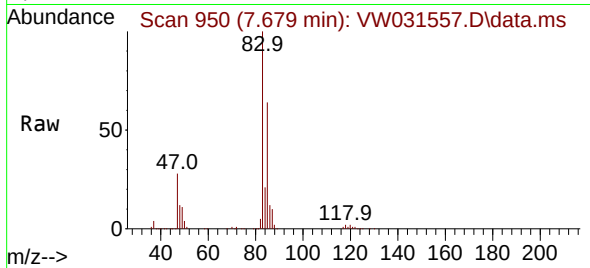




#25
Chloroform
Concen: 51.198 ug/L
RT: 7.679 min Scan# 910
Delta R.T. -0.000 min
Lab File: VW031557.D
Acq: 10 Jan 2025 10:57

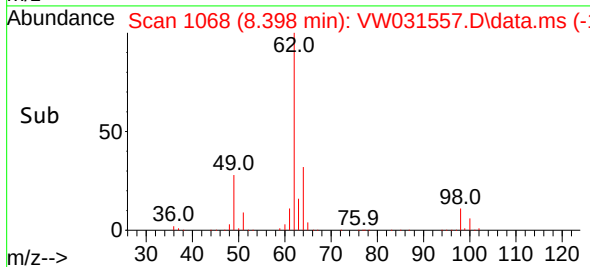
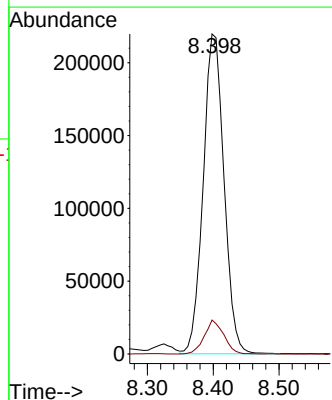
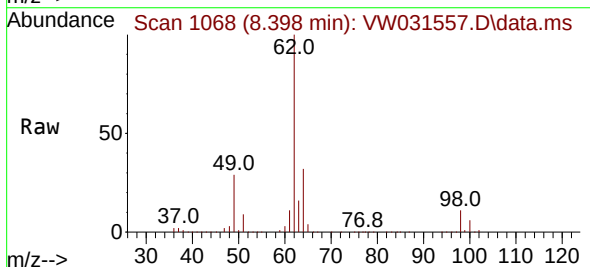
Instrument :
MSVOA_W
ClientSampleId :

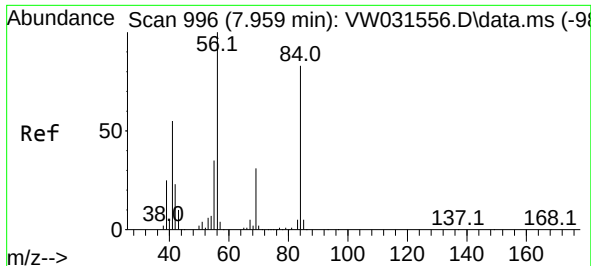
Tgt Ion: 83 Resp: 783087
Ion Ratio Lower Upper
83 100
85 64.0 46.2 85.8



#27
1,2-Dichloroethane
Concen: 51.405 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VW031557.D
Acq: 10 Jan 2025 10:57

Tgt Ion: 62 Resp: 484261
Ion Ratio Lower Upper
62 100
98 10.6 7.3 10.9





#29

Cyclohexane

Concen: 50.796 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

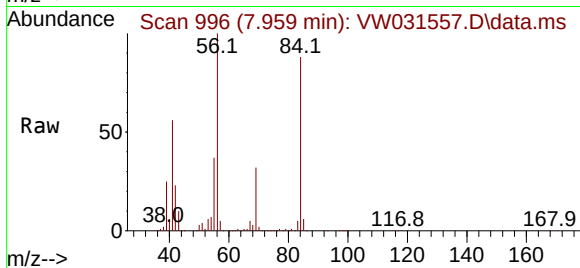
Lab File: VW031557.D

Acq: 10 Jan 2025 10:57

Instrument :

MSVOA_W

ClientSampleId :



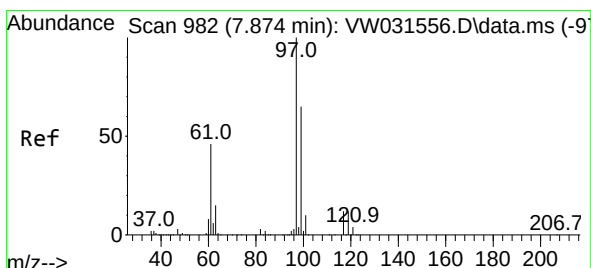
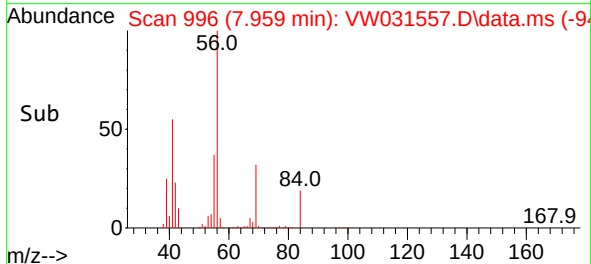
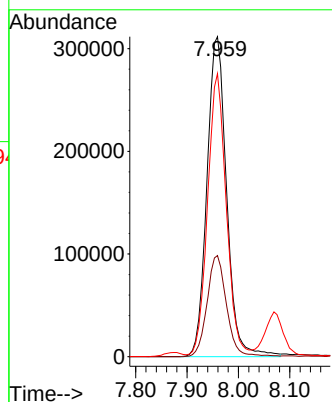
Tgt Ion: 56 Resp: 829646

Ion Ratio Lower Upper

56 100

69 30.9 25.2 37.8

84 83.7 66.3 99.5



#30

1,1,1-Trichloroethane

Concen: 50.782 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW031557.D

Acq: 10 Jan 2025 10:57

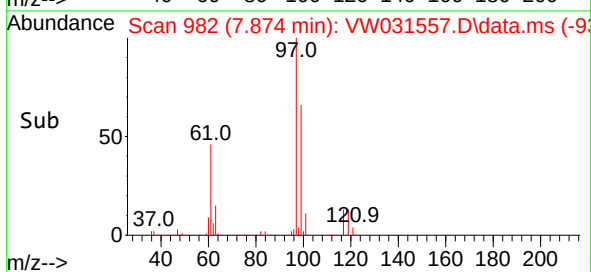
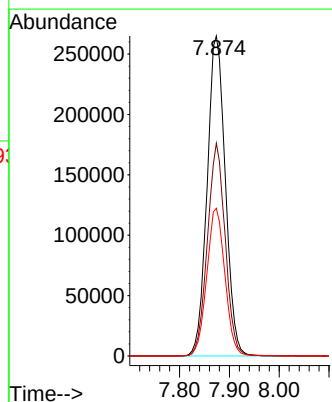
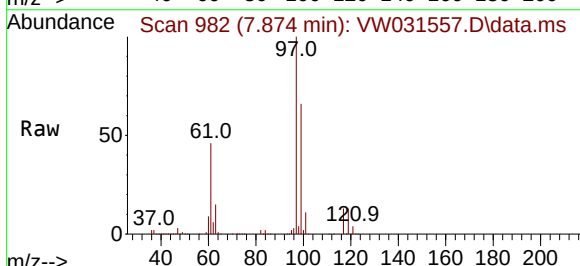
Tgt Ion: 97 Resp: 671770

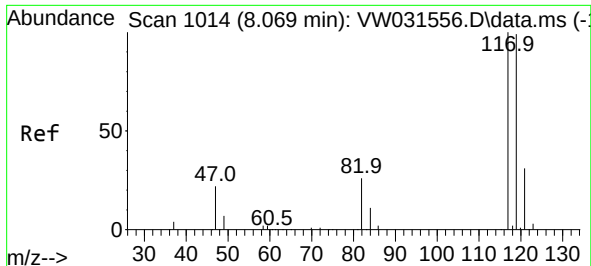
Ion Ratio Lower Upper

97 100

99 64.9 52.2 78.4

61 46.0 36.9 55.3

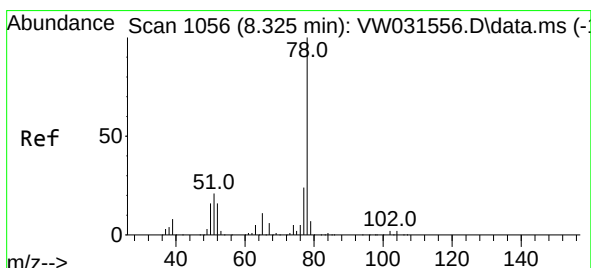
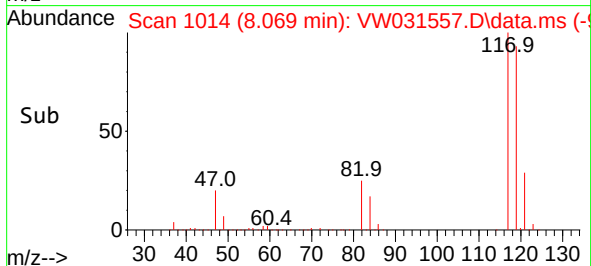
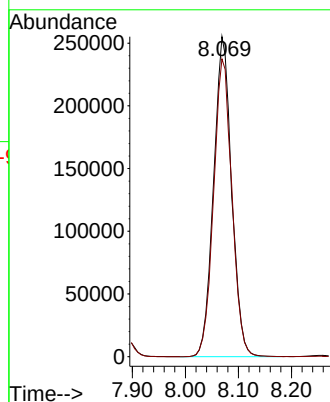
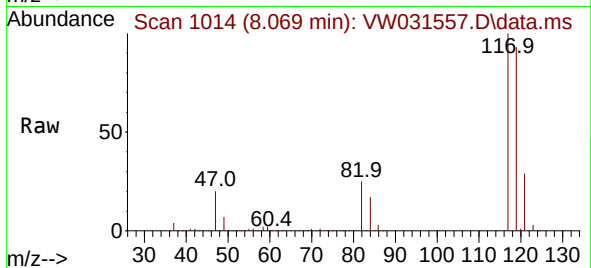




#31
Carbon tetrachloride
Concen: 51.428 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW031557.D
Acq: 10 Jan 2025 10:57

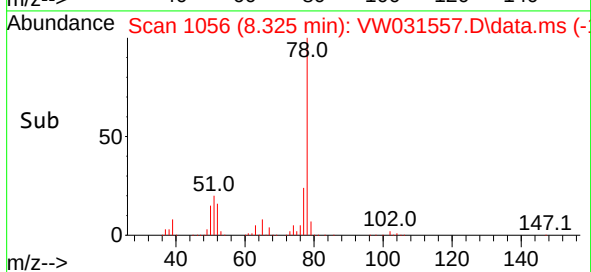
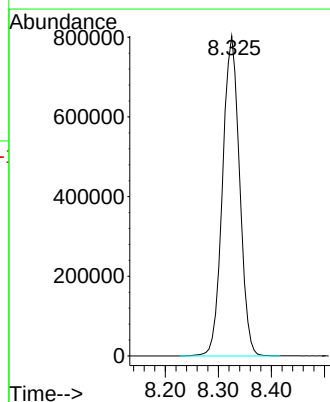
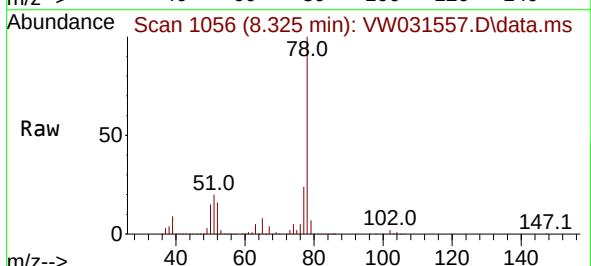
Instrument :
MSVOA_W
ClientSampleId :

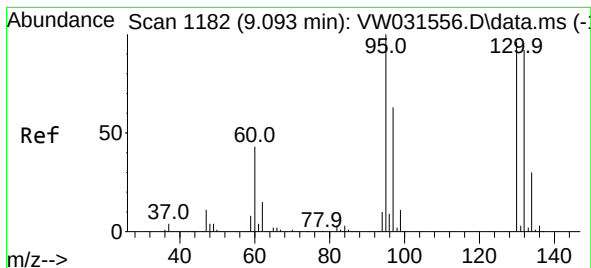
Tgt Ion:117 Resp: 603185
Ion Ratio Lower Upper
117 100
119 94.5 77.4 116.0



#33
Benzene
Concen: 51.352 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW031557.D
Acq: 10 Jan 2025 10:57

Tgt Ion: 78 Resp: 1790979





#34

Trichloroethene

Concen: 51.181 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW031557.D

Acq: 10 Jan 2025 10:57

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 479910

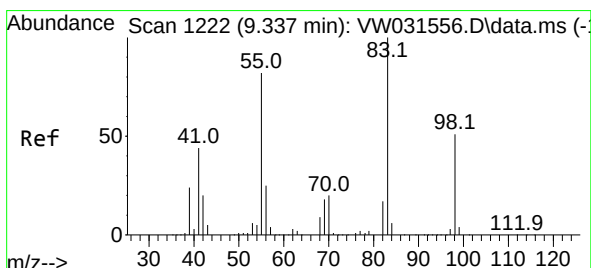
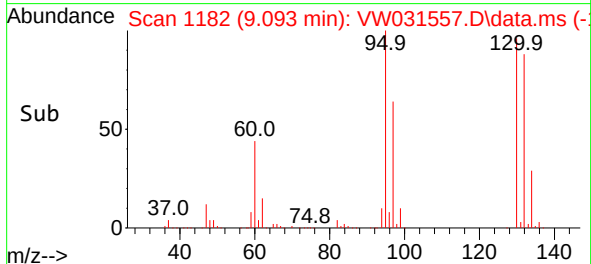
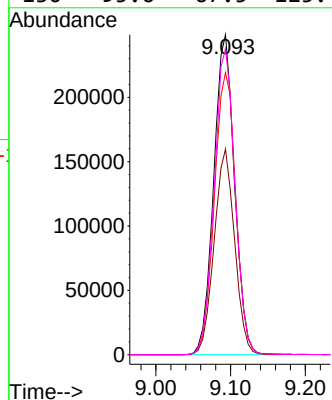
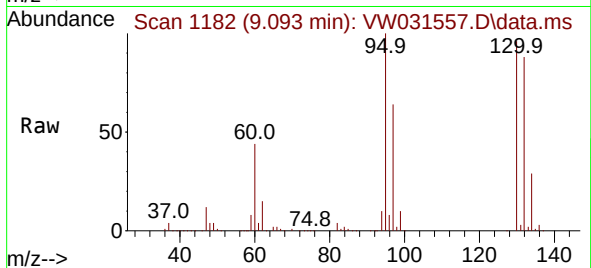
Ion Ratio Lower Upper

95 100

97 64.2 44.0 81.6

132 88.2 64.6 120.0

130 95.6 67.5 125.4



#35

Methylcyclohexane

Concen: 50.873 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW031557.D

Acq: 10 Jan 2025 10:57

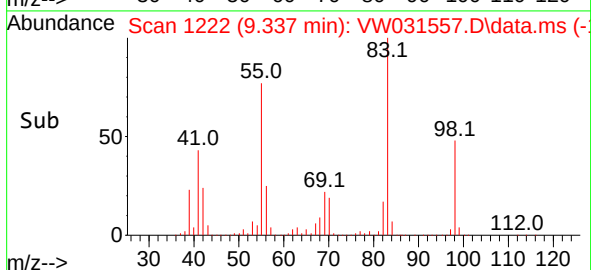
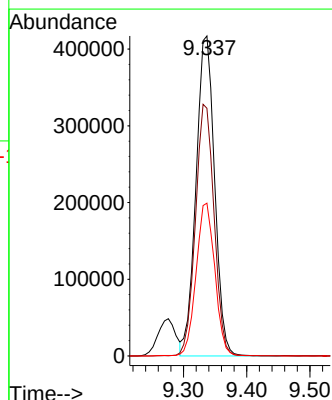
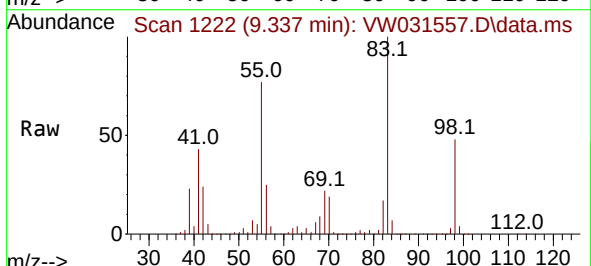
Tgt Ion: 83 Resp: 855228

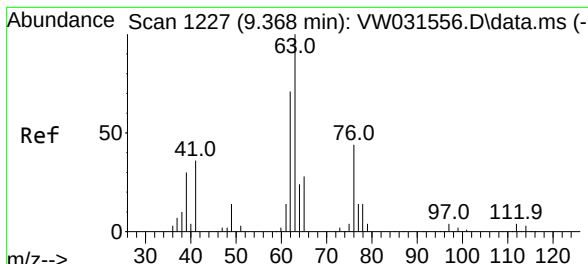
Ion Ratio Lower Upper

83 100

55 78.8 63.4 95.2

98 48.0 38.8 58.2

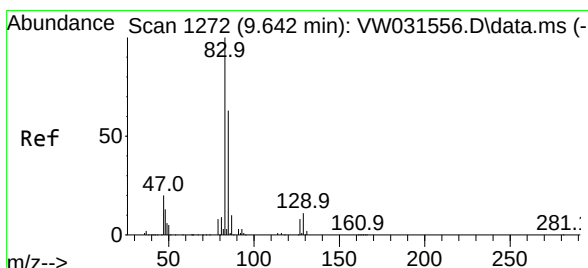
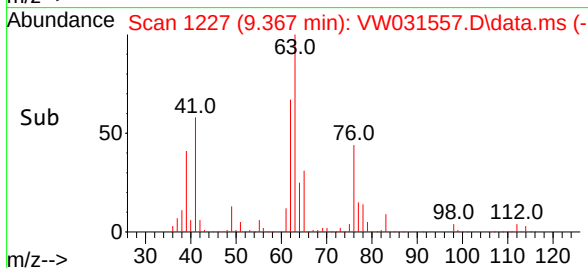
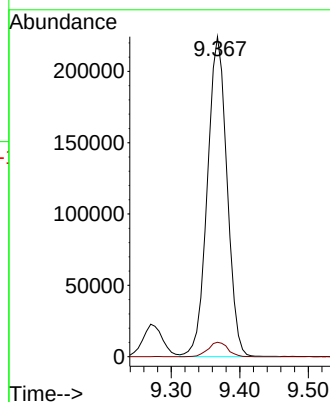
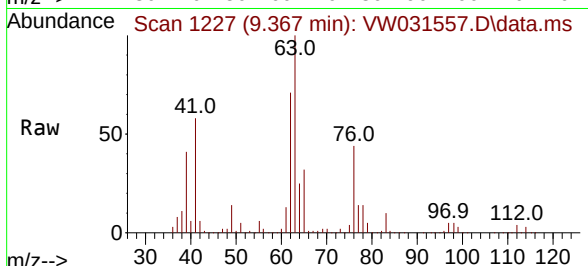




#37
 1,2-Dichloropropane
 Concen: 51.065 ug/L
 RT: 9.367 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW031557.D
 Acq: 10 Jan 2025 10:57

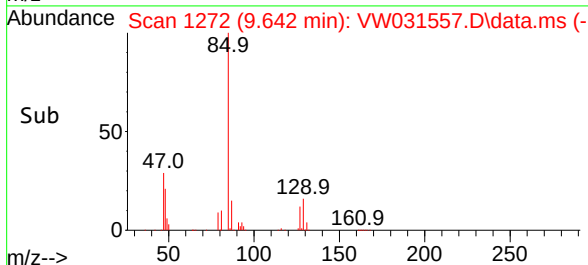
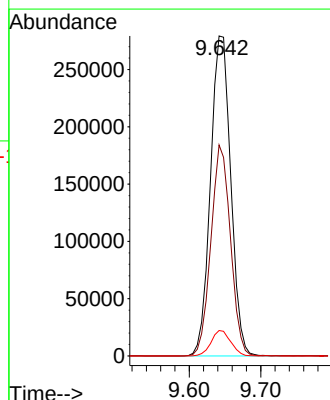
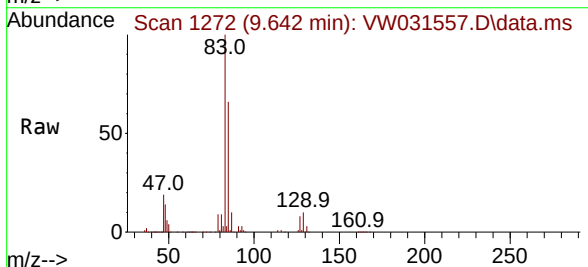
Instrument :
 MSVOA_W
 ClientSampleId :

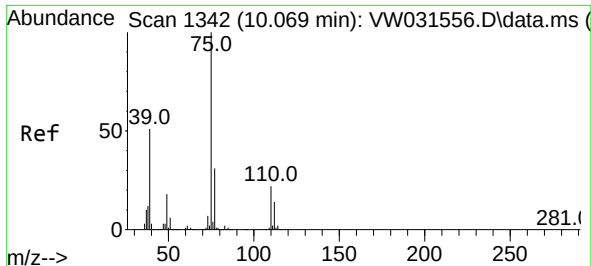
Tgt Ion: 63 Resp: 447626
 Ion Ratio Lower Upper
 63 100
 112 4.5 3.6 5.4



#38
 Bromodichloromethane
 Concen: 51.848 ug/L
 RT: 9.642 min Scan# 1272
 Delta R.T. -0.000 min
 Lab File: VW031557.D
 Acq: 10 Jan 2025 10:57

Tgt Ion: 83 Resp: 549764
 Ion Ratio Lower Upper
 83 100
 85 65.9 43.8 81.3
 127 7.9 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 52.563 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031557.D

Acq: 10 Jan 2025 10:57

Instrument :

MSVOA_W

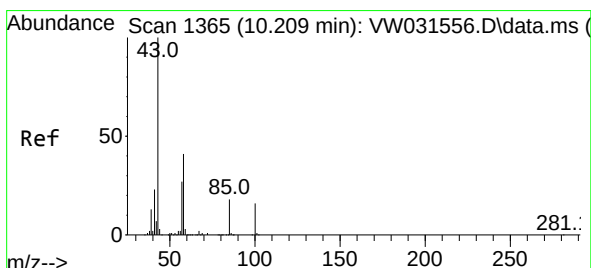
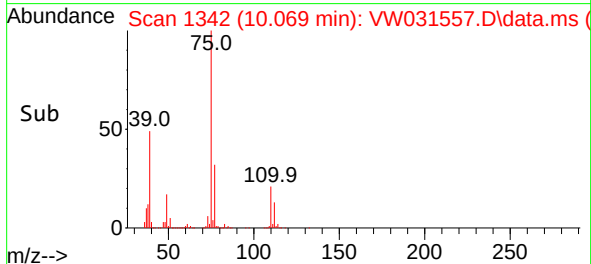
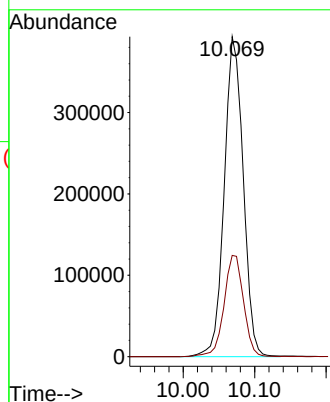
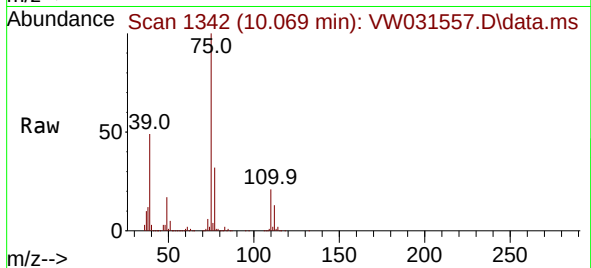
ClientSampleId :

Tgt Ion: 75 Resp: 724823

Ion Ratio Lower Upper

75 100

77 31.6 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 102.961 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW031557.D

Acq: 10 Jan 2025 10:57

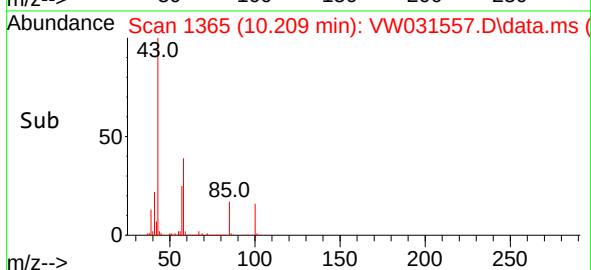
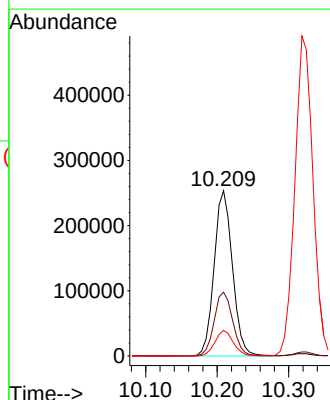
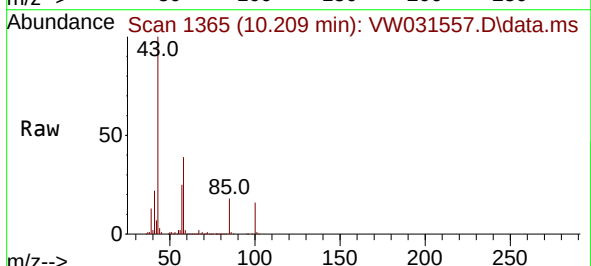
Tgt Ion: 43 Resp: 450496

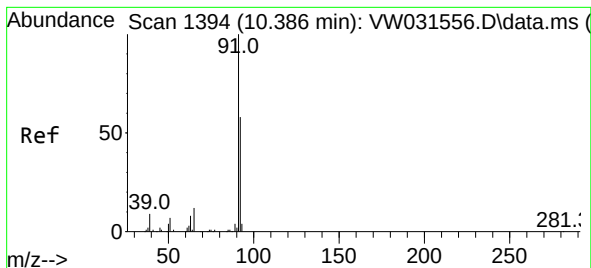
Ion Ratio Lower Upper

43 100

58 39.3 31.4 47.2

100 15.4 12.3 18.5





#42

Toluene

Concen: 51.051 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW031557.D

Acq: 10 Jan 2025 10:57

Instrument :

MSVOA_W

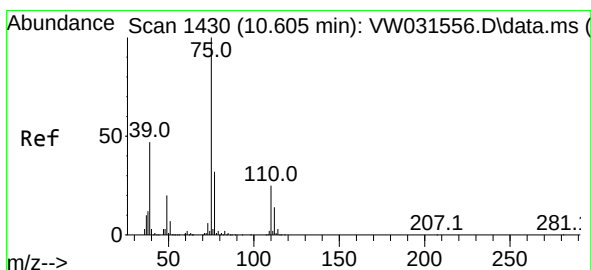
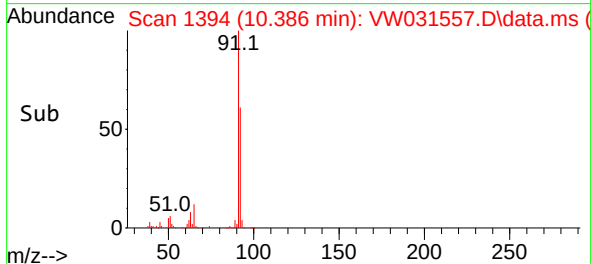
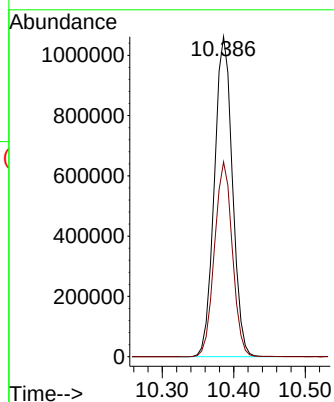
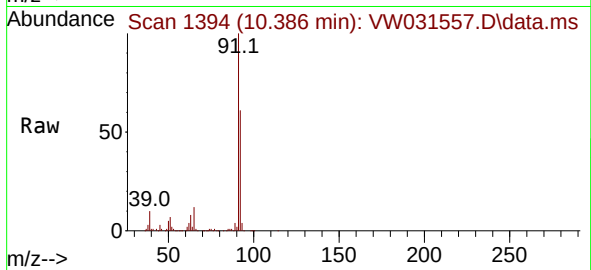
ClientSampleId :

Tgt Ion: 91 Resp: 1861157

Ion Ratio Lower Upper

91 100

92 60.8 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 53.255 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW031557.D

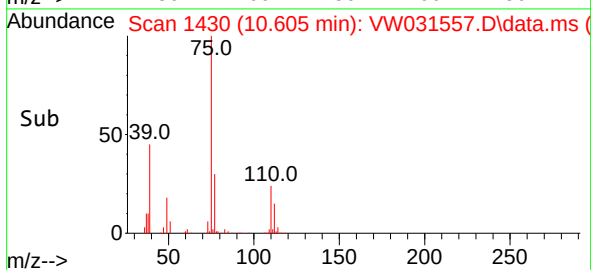
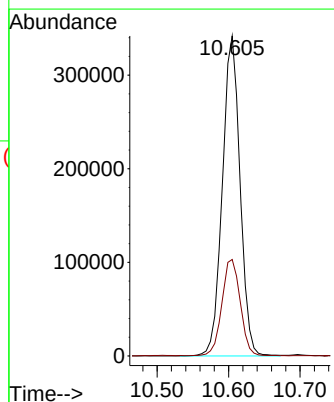
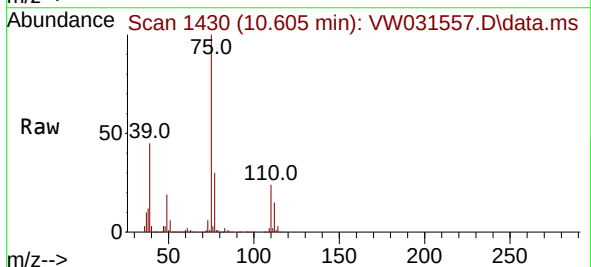
Acq: 10 Jan 2025 10:57

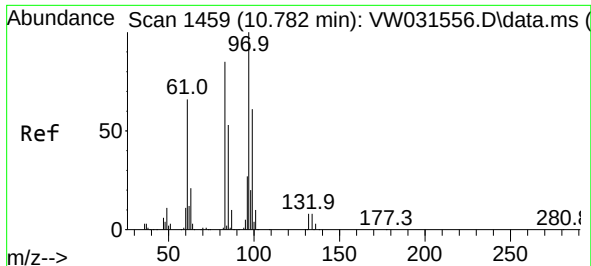
Tgt Ion: 75 Resp: 586992

Ion Ratio Lower Upper

75 100

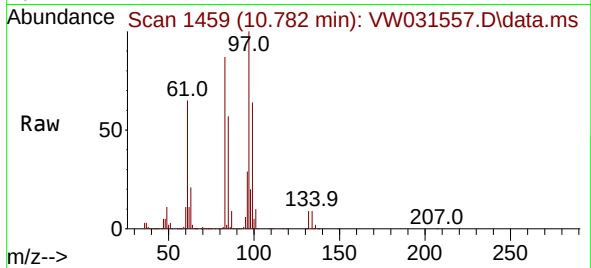
77 30.2 22.5 41.9



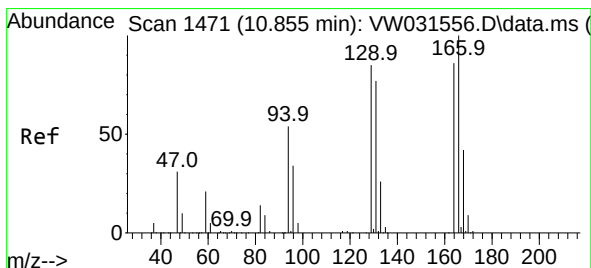
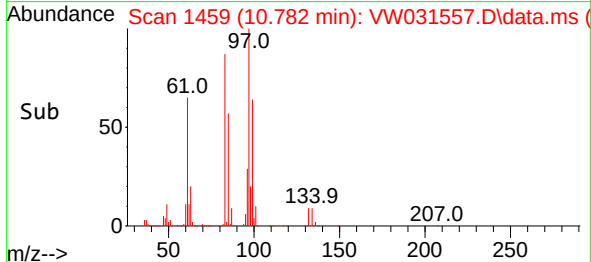
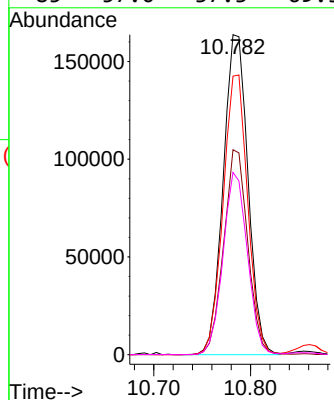


#45
1,1,2-Trichloroethane
Concen: 51.893 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW031557.D
Acq: 10 Jan 2025 10:57

Instrument :
MSVOA_W
ClientSampleId :

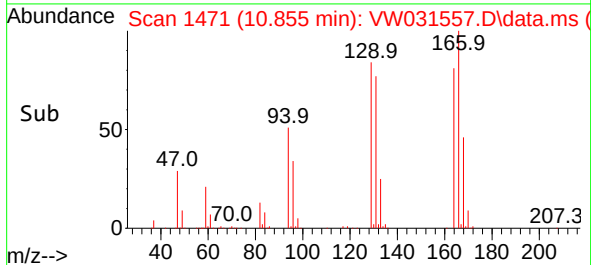
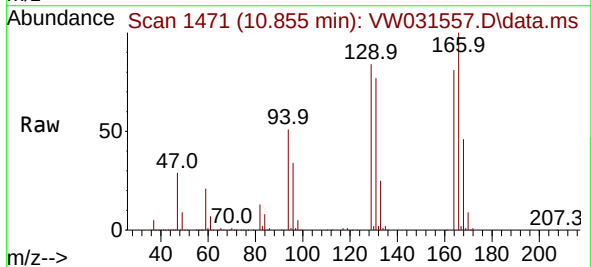
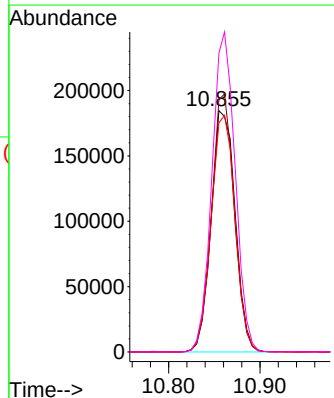


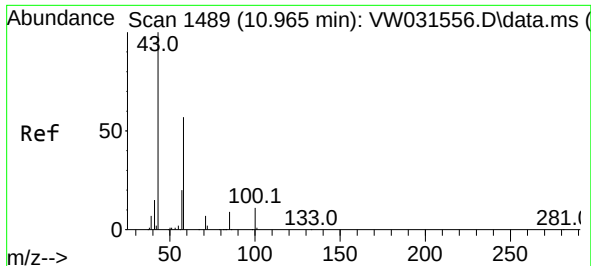
Tgt Ion:	97	Resp:	291572
Ion	Ratio	Lower	Upper
97	100		
99	64.0	42.6	79.2
83	87.1	59.6	110.8
85	57.0	37.3	69.3



#46
Tetrachloroethene
Concen: 50.041 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VW031557.D
Acq: 10 Jan 2025 10:57

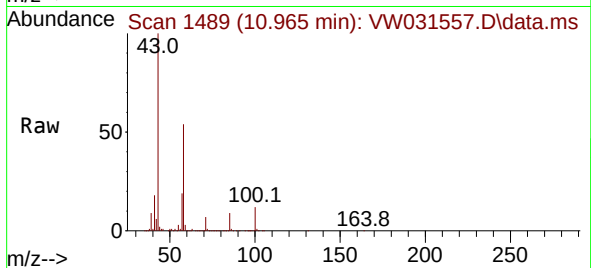
Tgt Ion:	164	Resp:	336711
Ion	Ratio	Lower	Upper
164	100		
129	104.5	69.8	129.6
131	94.9	63.1	117.1
166	123.8	81.7	151.7



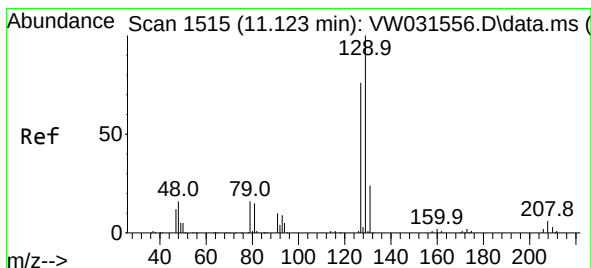
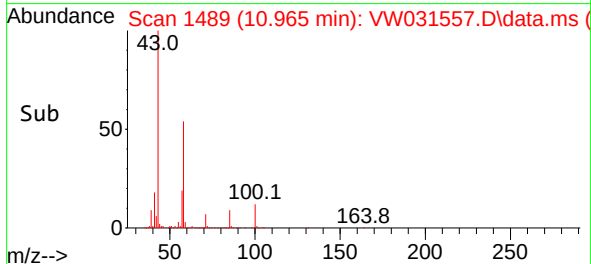
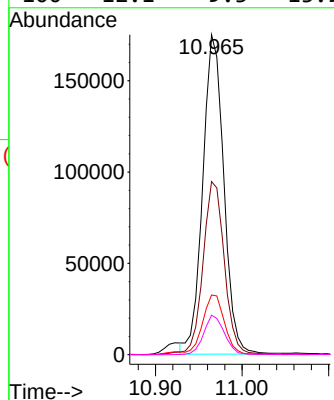


#48
2-Hexanone
Concen: 110.696 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031557.D
Acq: 10 Jan 2025 10:57

Instrument :
MSVOA_W
ClientSampleId :

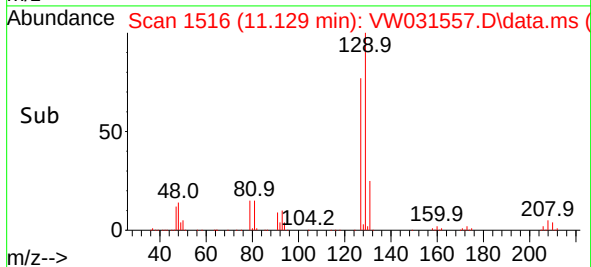
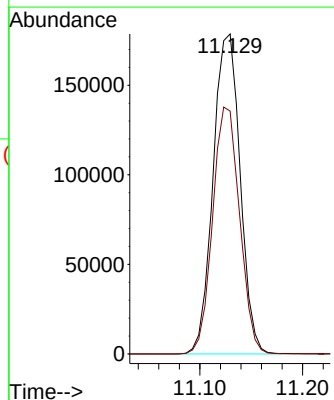
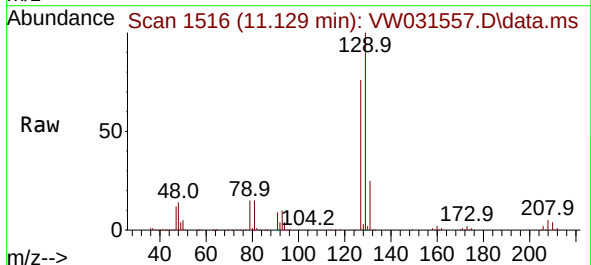


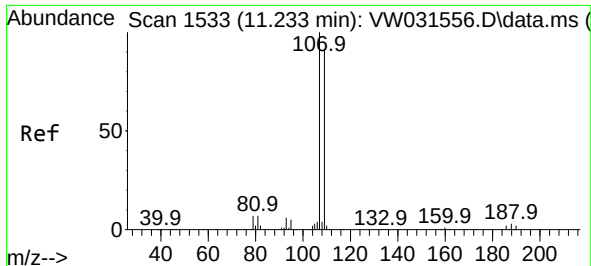
Tgt Ion: 43 Resp: 295979
Ion Ratio Lower Upper
43 100
58 55.3 44.8 67.2
57 19.3 15.6 23.4
100 12.1 9.3 13.9



#49
Dibromochloromethane
Concen: 52.814 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW031557.D
Acq: 10 Jan 2025 10:57

Tgt Ion:129 Resp: 326501
Ion Ratio Lower Upper
129 100
127 75.9 53.0 98.4





#50

1,2-Dibromoethane

Concen: 53.031 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031557.D

Acq: 10 Jan 2025 10:57

Instrument :

MSVOA_W

ClientSampleId :

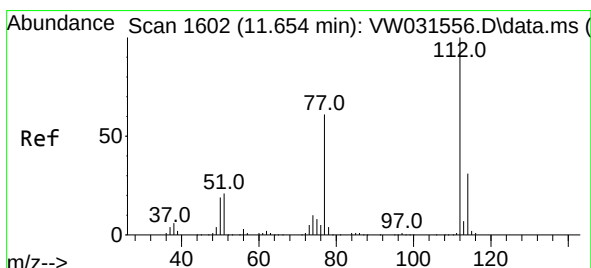
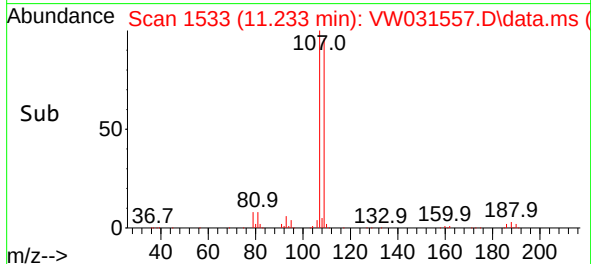
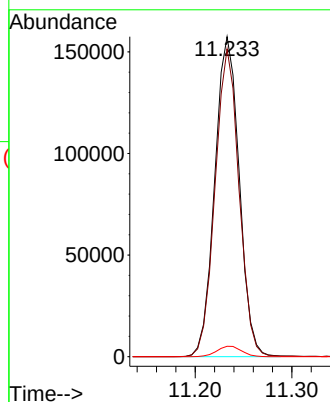
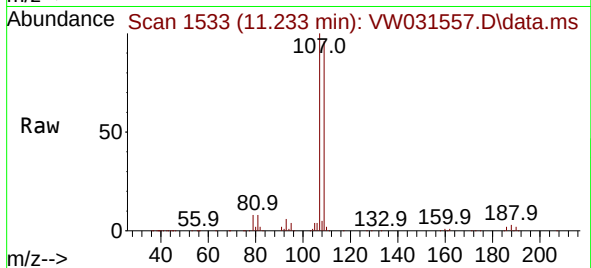
Tgt Ion:107 Resp: 276157

Ion Ratio Lower Upper

107 100

109 96.2 63.8 118.4

188 3.3 2.6 3.8



#51

Chlorobenzene

Concen: 50.618 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW031557.D

Acq: 10 Jan 2025 10:57

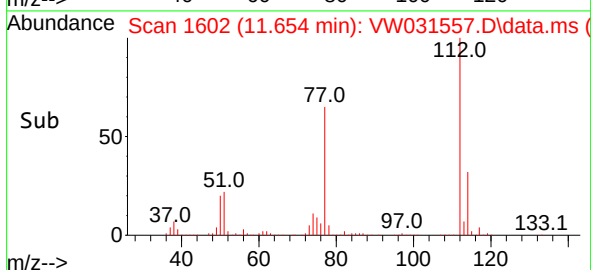
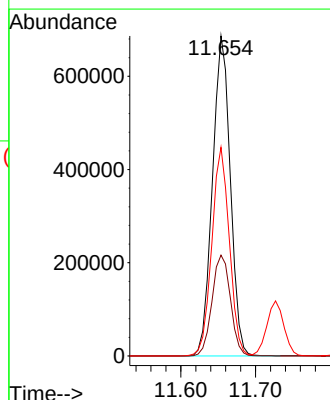
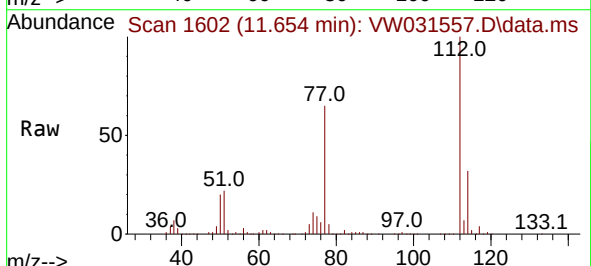
Tgt Ion:112 Resp: 1139523

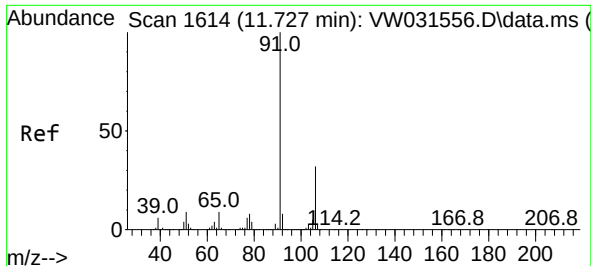
Ion Ratio Lower Upper

112 100

114 31.5 22.0 40.8

77 65.2 49.0 73.4

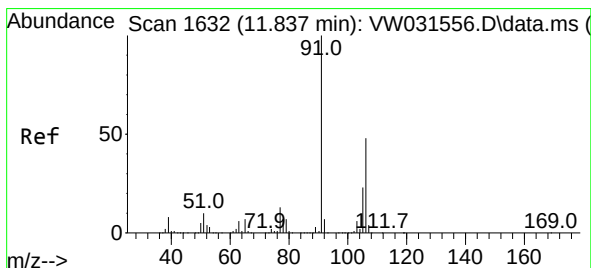
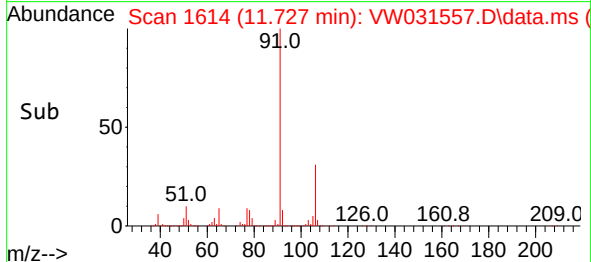
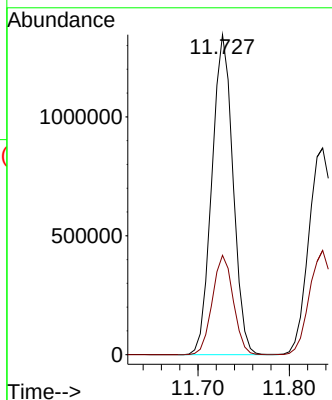
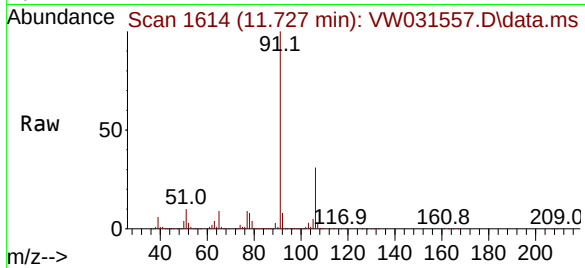




#52
Ethylbenzene
Concen: 51.559 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031557.D
Acq: 10 Jan 2025 10:57

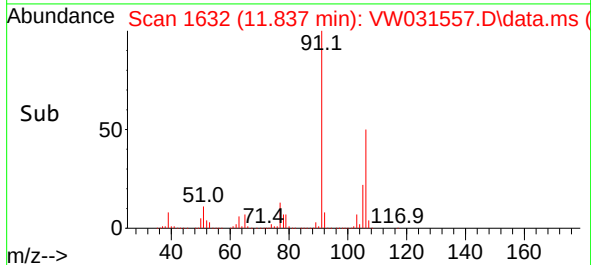
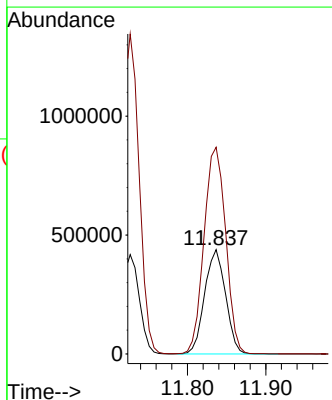
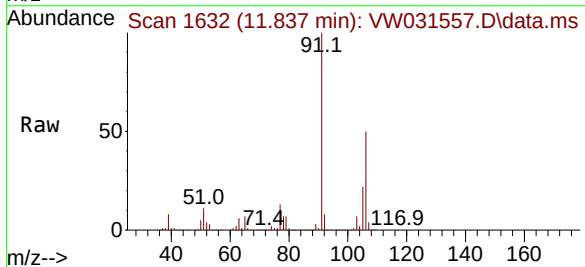
Instrument :
MSVOA_W
ClientSampleId :

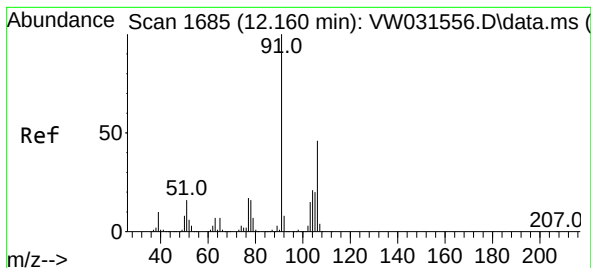
Tgt Ion: 91 Resp: 2156751
Ion Ratio Lower Upper
91 100
106 31.1 22.3 41.3



#53
m,p-Xylene
Concen: 50.984 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW031557.D
Acq: 10 Jan 2025 10:57

Tgt Ion:106 Resp: 813179
Ion Ratio Lower Upper
106 100
91 198.2 145.9 270.9





#54

o-Xylene

Concen: 51.988 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031557.D

Acq: 10 Jan 2025 10:57

Instrument :

MSVOA_W

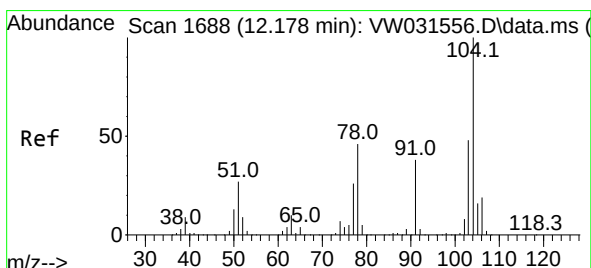
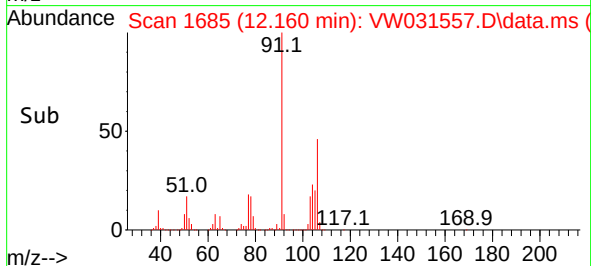
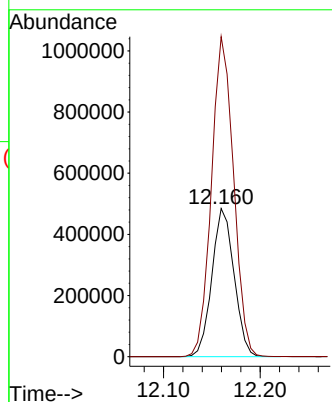
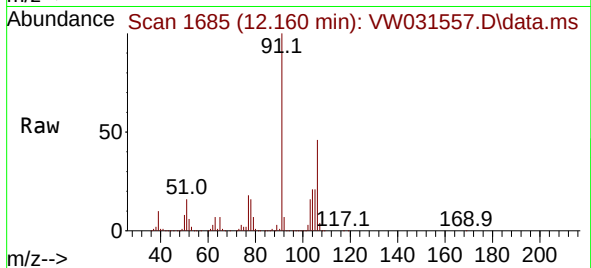
ClientSampleId :

Tgt Ion:106 Resp: 770602

Ion Ratio Lower Upper

106 100

91 216.0 152.9 284.1



#55

Styrene

Concen: 52.207 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW031557.D

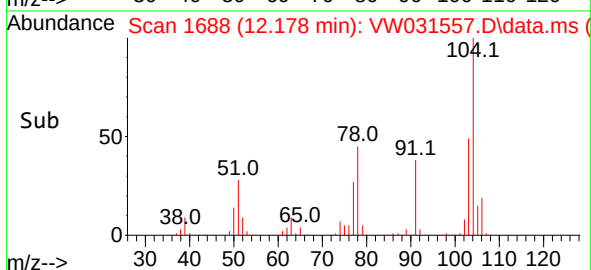
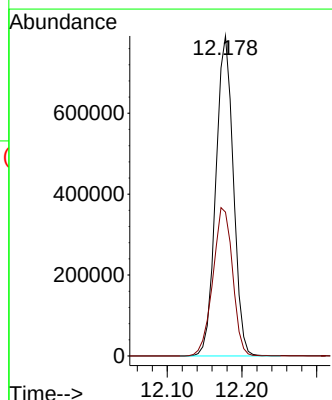
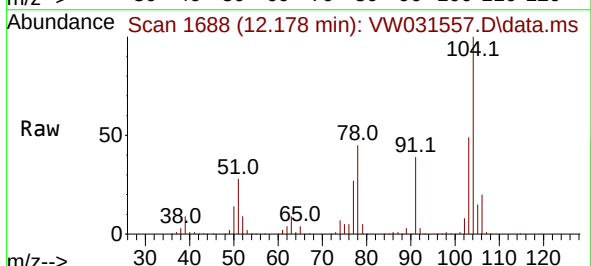
Acq: 10 Jan 2025 10:57

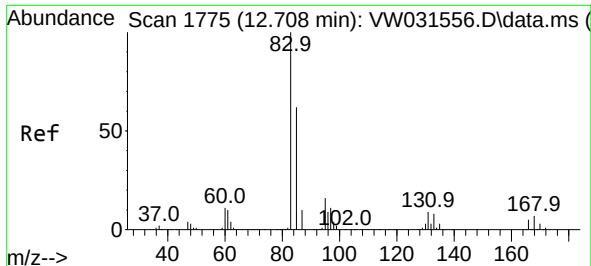
Tgt Ion:104 Resp: 1287645

Ion Ratio Lower Upper

104 100

78 45.0 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 52.254 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW031557.D

Acq: 10 Jan 2025 10:57

Instrument :

MSVOA_W

ClientSampleId :

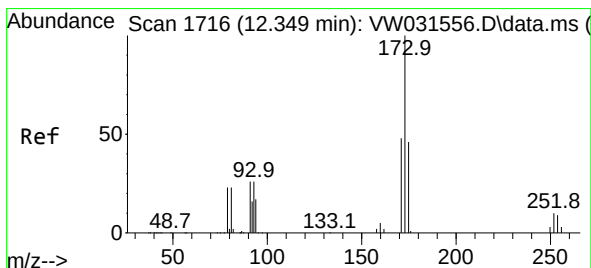
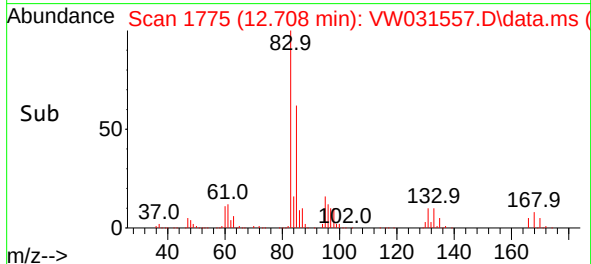
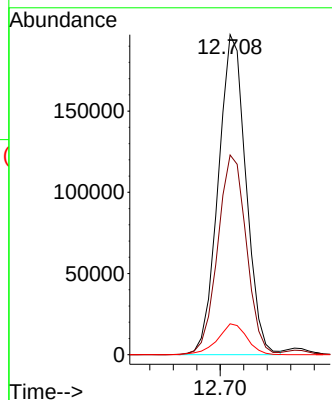
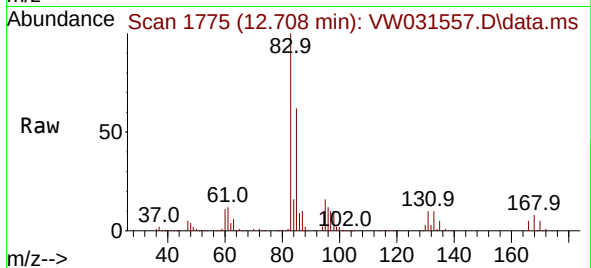
Tgt Ion: 83 Resp: 322611

Ion Ratio Lower Upper

83 100

85 62.4 44.1 81.9

131 9.6 7.4 11.0



#59

Bromoform

Concen: 52.961 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW031557.D

Acq: 10 Jan 2025 10:57

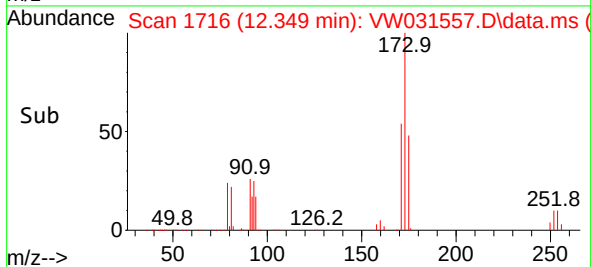
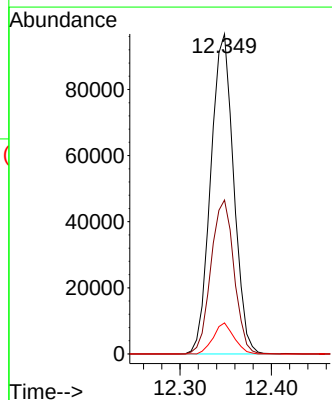
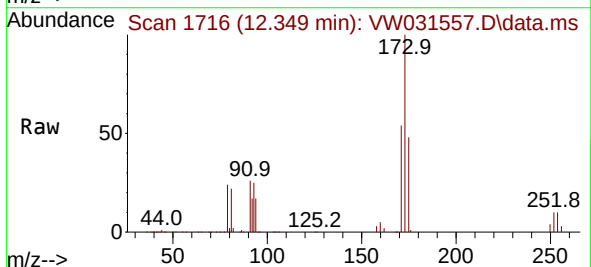
Tgt Ion:173 Resp: 168366

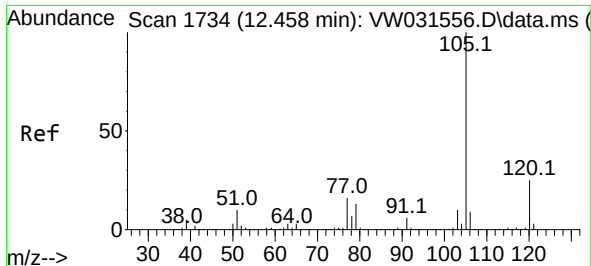
Ion Ratio Lower Upper

173 100

175 48.5 37.7 56.5

254 8.8 7.1 10.7

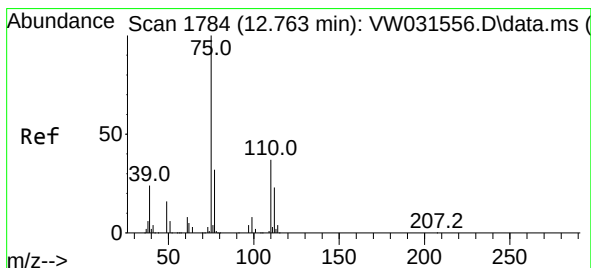
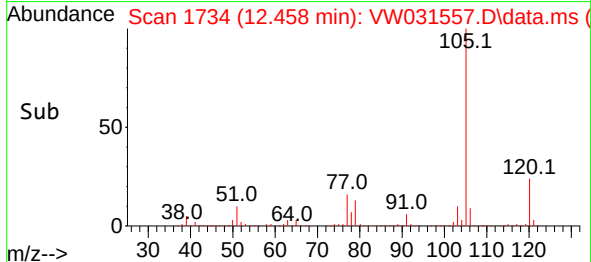
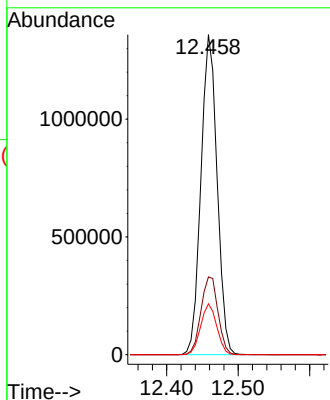
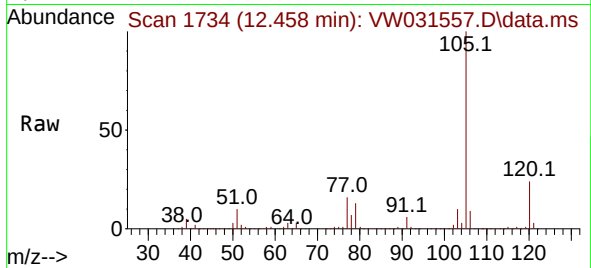




#60
Isopropylbenzene
Concen: 51.114 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW031557.D
Acq: 10 Jan 2025 10:57

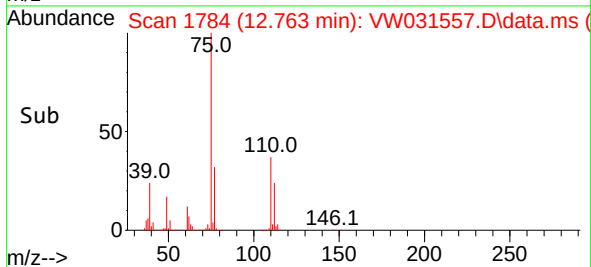
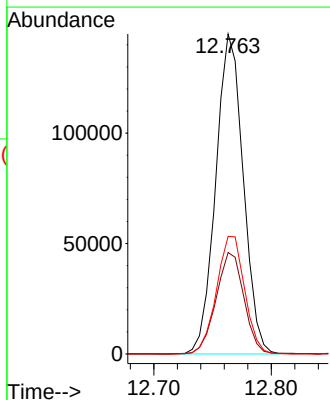
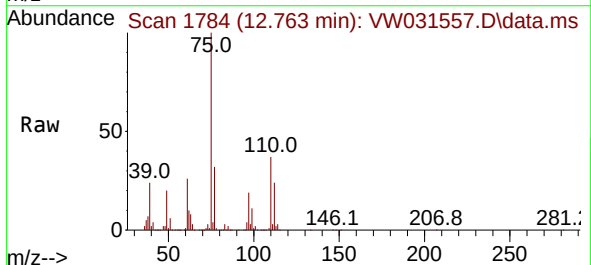
Instrument :
MSVOA_W
ClientSampleId :

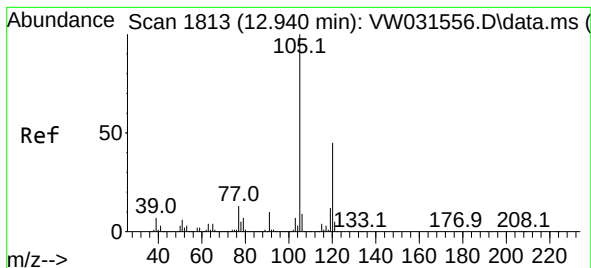
Tgt Ion:105 Resp: 2130349
Ion Ratio Lower Upper
105 100
120 25.6 20.1 30.1
77 15.8 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 52.588 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW031557.D
Acq: 10 Jan 2025 10:57

Tgt Ion: 75 Resp: 235612
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.2
110 37.7 29.6 44.4





#62

1,3,5-Trimethylbenzene

Concen: 51.831 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW031557.D

Acq: 10 Jan 2025 10:57

Instrument :

MSVOA_W

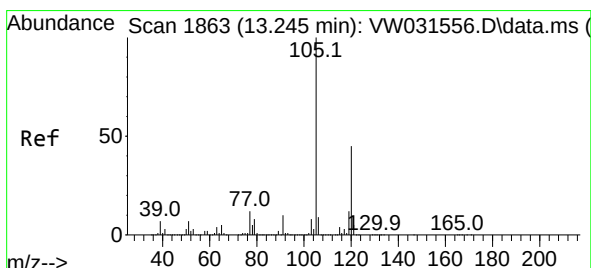
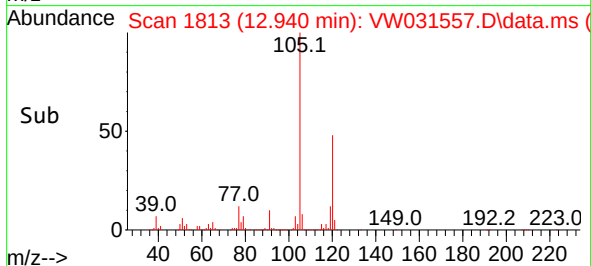
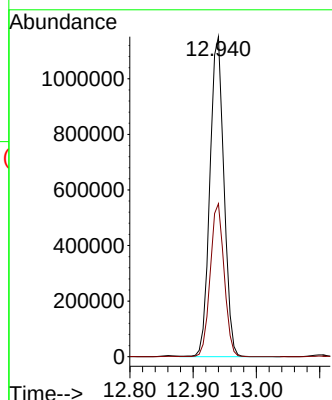
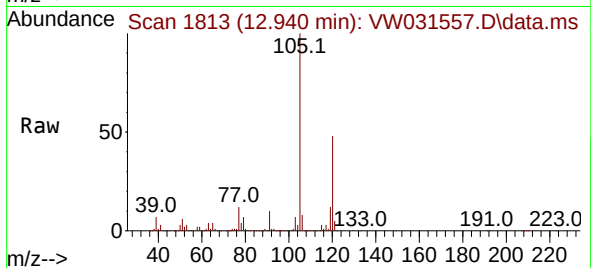
ClientSampleId :

Tgt Ion:105 Resp: 1778754

Ion Ratio Lower Upper

105 100

120 47.4 37.6 56.4



#63

1,2,4-Trimethylbenzene

Concen: 52.152 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW031557.D

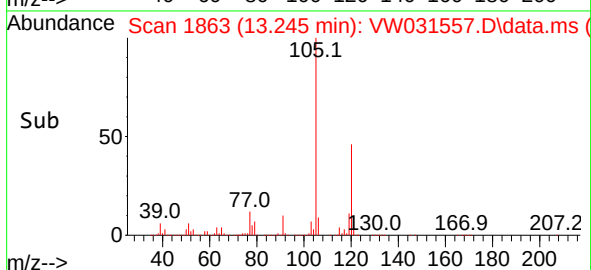
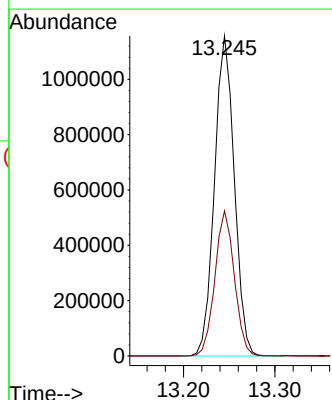
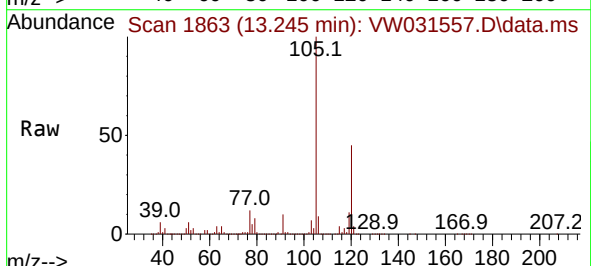
Acq: 10 Jan 2025 10:57

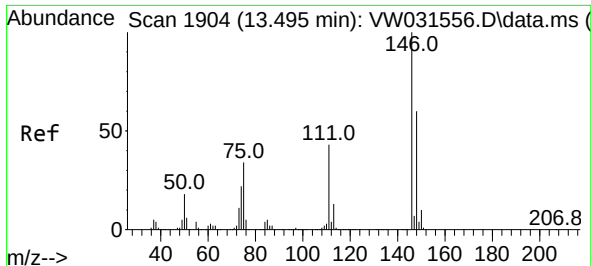
Tgt Ion:105 Resp: 1741961

Ion Ratio Lower Upper

105 100

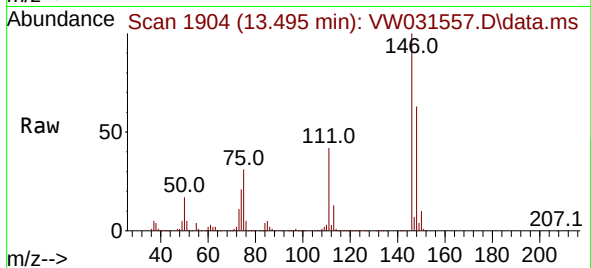
120 44.5 36.3 54.5



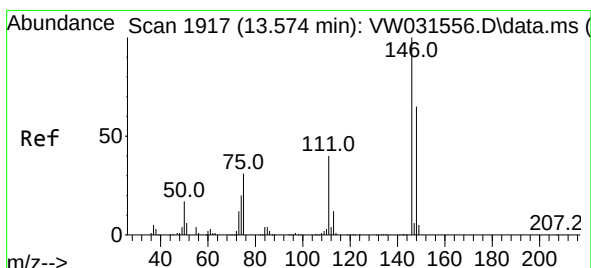
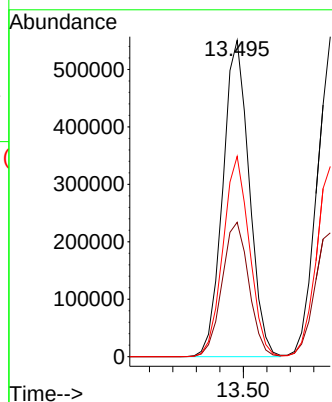
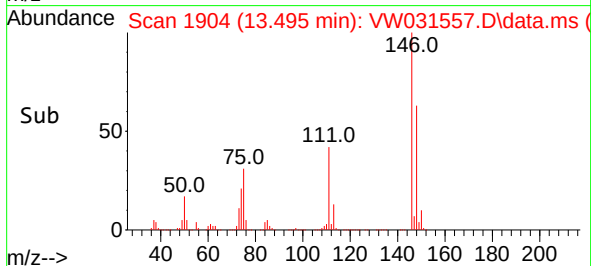


#64
1,3-Dichlorobenzene
Concen: 51.887 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031557.D
Acq: 10 Jan 2025 10:57

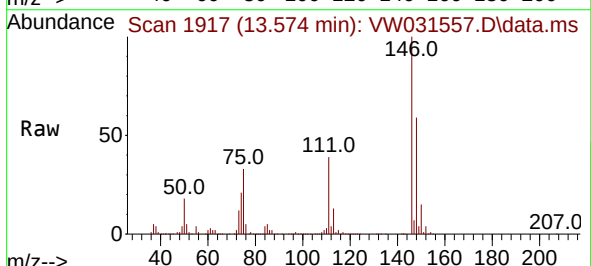
Instrument :
MSVOA_W
ClientSampleId :



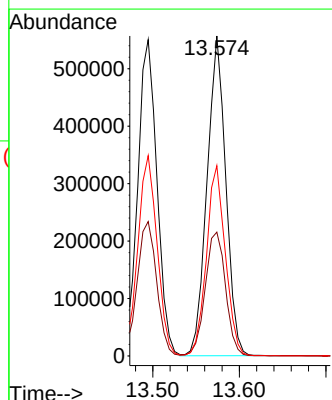
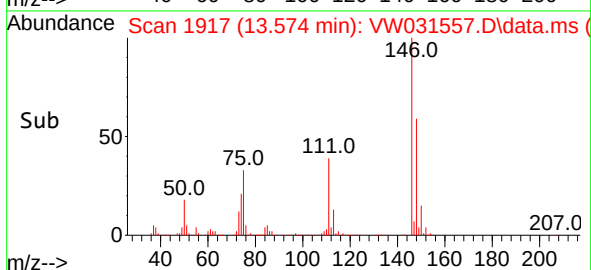
Tgt Ion:146 Resp: 857715
Ion Ratio Lower Upper
146 100
111 42.5 30.4 56.5
148 63.4 42.1 78.1

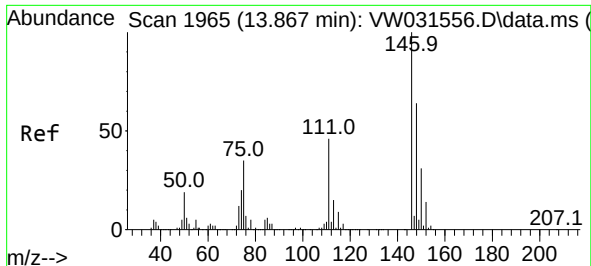


#65
1,4-Dichlorobenzene
Concen: 51.320 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031557.D
Acq: 10 Jan 2025 10:57



Tgt Ion:146 Resp: 839030
Ion Ratio Lower Upper
146 100
111 38.7 28.5 52.9
148 59.5 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 51.093 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW031557.D

Acq: 10 Jan 2025 10:57

Instrument :

MSVOA_W

ClientSampleId :

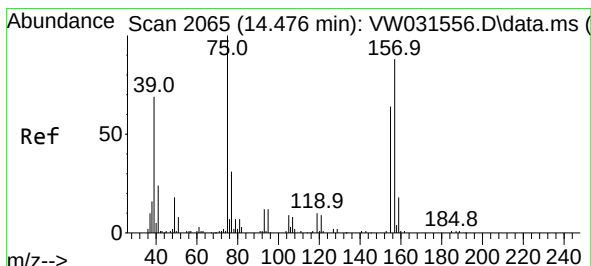
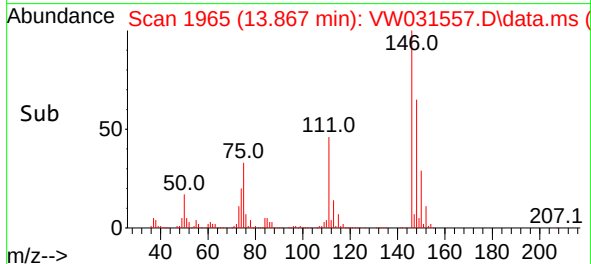
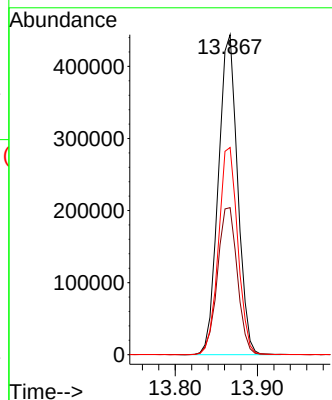
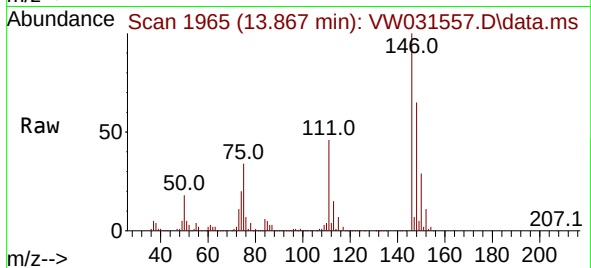
Tgt Ion:146 Resp: 721255

Ion Ratio Lower Upper

146 100

111 45.9 36.6 55.0

148 64.7 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 52.960 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW031557.D

Acq: 10 Jan 2025 10:57

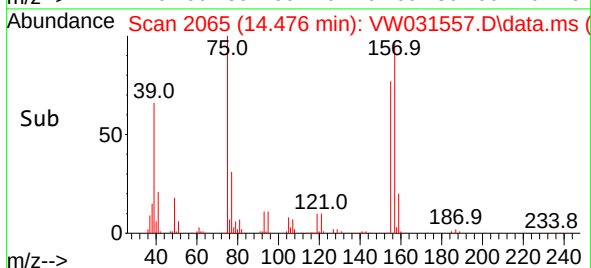
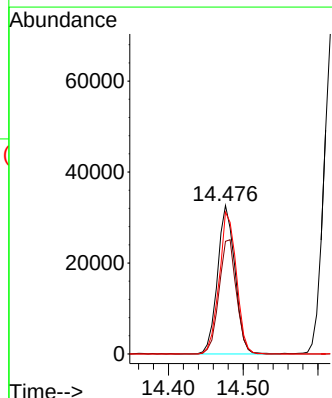
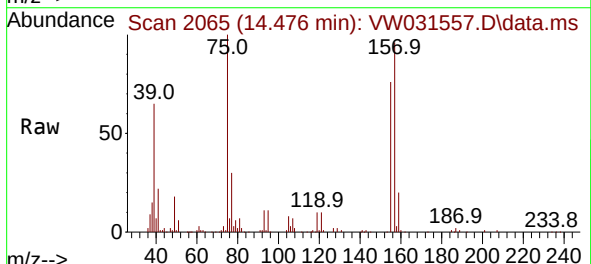
Tgt Ion: 75 Resp: 53048

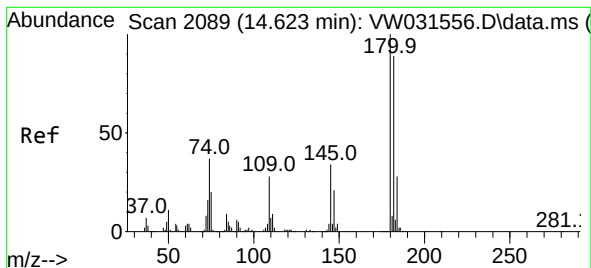
Ion Ratio Lower Upper

75 100

155 75.9 51.0 76.4

157 95.5 70.2 105.2





#69

1,3,5-Trichlorobenzene

Concen: 50.344 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW031557.D

Acq: 10 Jan 2025 10:57

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 563963

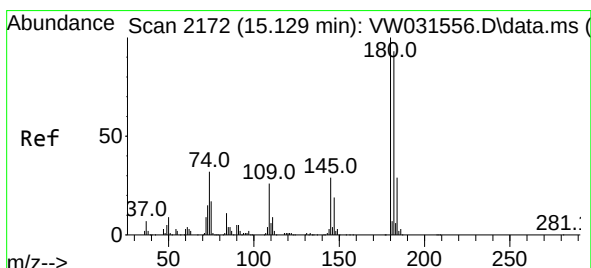
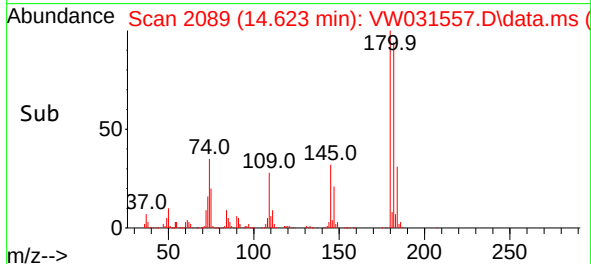
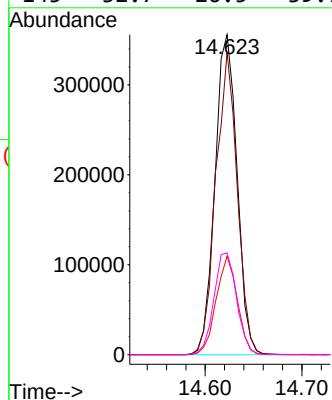
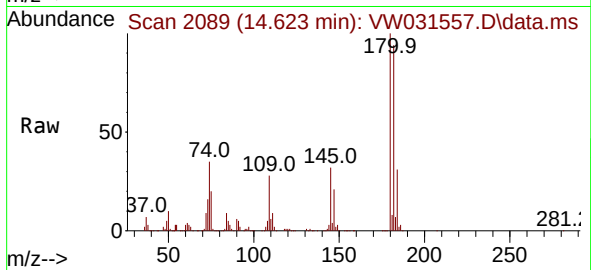
Ion Ratio Lower Upper

180 100

182 91.9 74.2 111.4

184 29.5 23.0 34.4

145 32.7 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 51.443 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW031557.D

Acq: 10 Jan 2025 10:57

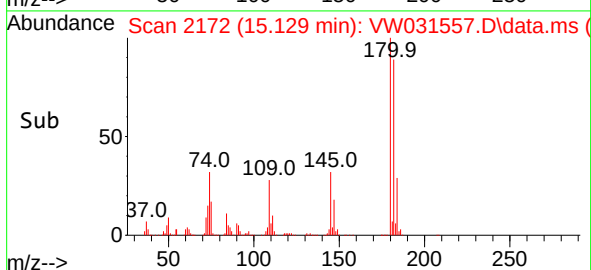
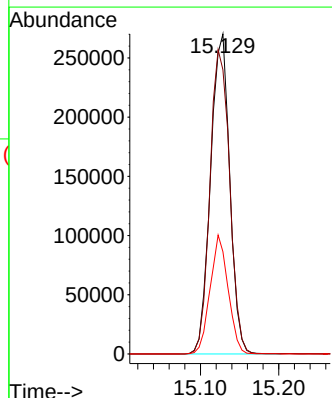
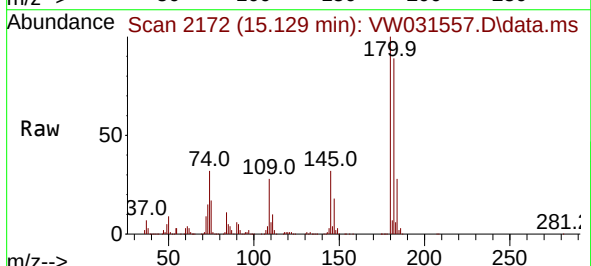
Tgt Ion:180 Resp: 459007

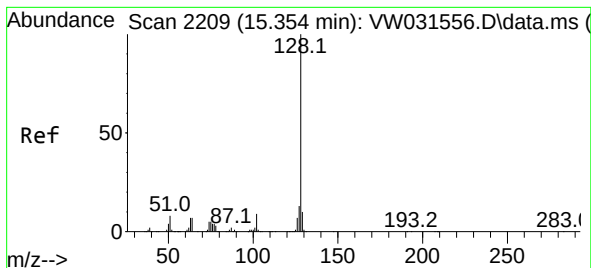
Ion Ratio Lower Upper

180 100

182 97.9 77.7 116.5

145 35.0 26.6 39.8





#71

Naphthalene

Concen: 52.624 ug/L

RT: 15.354 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW031557.D

Acq: 10 Jan 2025 10:57

Instrument :

MSVOA_W

ClientSampleId :

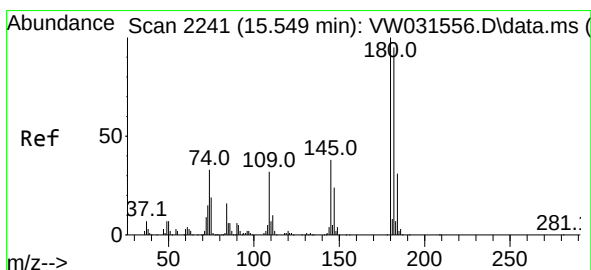
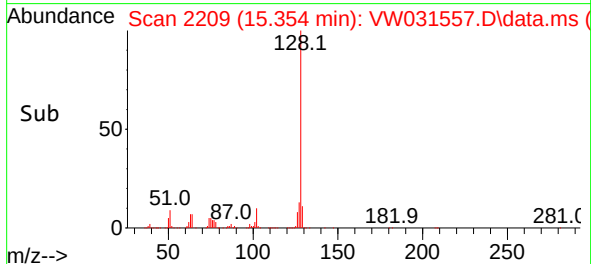
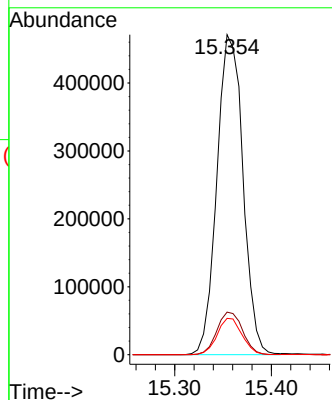
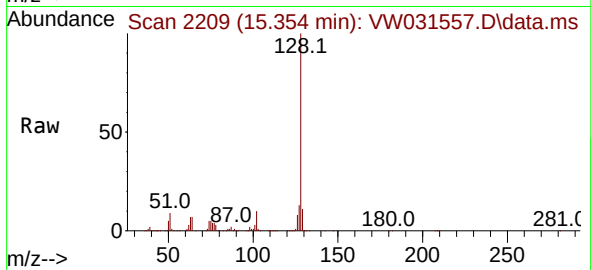
Tgt Ion:128 Resp: 880449

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 52.438 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW031557.D

Acq: 10 Jan 2025 10:57

Tgt Ion:180 Resp: 394070

Ion Ratio Lower Upper

180 100

182 90.2 76.9 115.3

145 34.7 30.1 45.1

