

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011025\
 Data File : VW031558.D
 Acq On : 10 Jan 2025 11:54
 Operator : SY/MD
 Sample : VSTD10056
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 11 03:13:54 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	651644	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	562502	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	254447	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	903690	88.377	ug/L	0.00
7) Chloroethane-d5	2.899	69	665915	91.190	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	421728	92.338	ug/L	0.00
21) 2-Butanone-d5	7.100	46	312747	192.209	ug/L	0.00
24) Chloroform-d	7.648	84	1598902	94.808	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	768710	92.609	ug/L	0.00
32) Benzene-d6	8.276	84	3300829	93.420	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	989452	94.845	ug/L	0.00
41) Toluene-d8	10.318	98	3034046	95.123	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	422428	98.606	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	211811	196.551	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	596174	93.448	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	847972	95.017	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	856824	104.004	ug/L	99
3) Chloromethane	2.228	50	912312	103.852	ug/L	99
5) Vinyl chloride	2.375	62	1104757	98.593	ug/L	100
6) Bromomethane	2.795	94	642279	98.069	ug/L	95
8) Chloroethane	2.936	64	649215	98.566	ug/L	100
9) Trichlorofluoromethane	3.265	101	1059466	95.173	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	867812	101.850	ug/L	97
12) 1,1-Dichloroethene	4.039	96	885969	102.174	ug/L	99
13) Acetone	4.070	43	3698	3.054	ug/L	75
14) Carbon disulfide	4.387	76	2939996	100.657	ug/L	99
15) Methyl Acetate	4.691	43	323526	101.545	ug/L	# 76
16) Methylene chloride	4.917	84	867403	97.738	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	939352	100.862	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	1418651	94.994	ug/L	99
19) 1,1-Dichloroethane	6.216	63	1769402	100.981	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	1015046	102.078	ug/L	98
22) 2-Butanone	7.191	43	386036	183.619	ug/L	98
23) Bromochloromethane	7.514	128	393481	101.042	ug/L	97
25) Chloroform	7.673	83	1661641	99.701	ug/L	98
27) 1,2-Dichloroethane	8.398	62	1009562	98.350	ug/L	99
29) Cyclohexane	7.953	56	1762194	97.743	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	1433341	98.159	ug/L	99
31) Carbon tetrachloride	8.069	117	1285718	99.310	ug/L	100
33) Benzene	8.319	78	3732844	96.963	ug/L	100
34) Trichloroethene	9.087	95	1019510	98.500	ug/L	95
35) Methylcyclohexane	9.331	83	1824692	98.331	ug/L	99
37) 1,2-Dichloropropane	9.367	63	946183	97.787	ug/L	100
38) Bromodichloromethane	9.642	83	1172188	100.150	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	1554589	102.132	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	900321	186.411	ug/L	99
42) Toluene	10.386	91	3941818	97.951	ug/L	97
44) trans-1,3-Dichloropropene	10.599	75	1234242	101.444	ug/L	98

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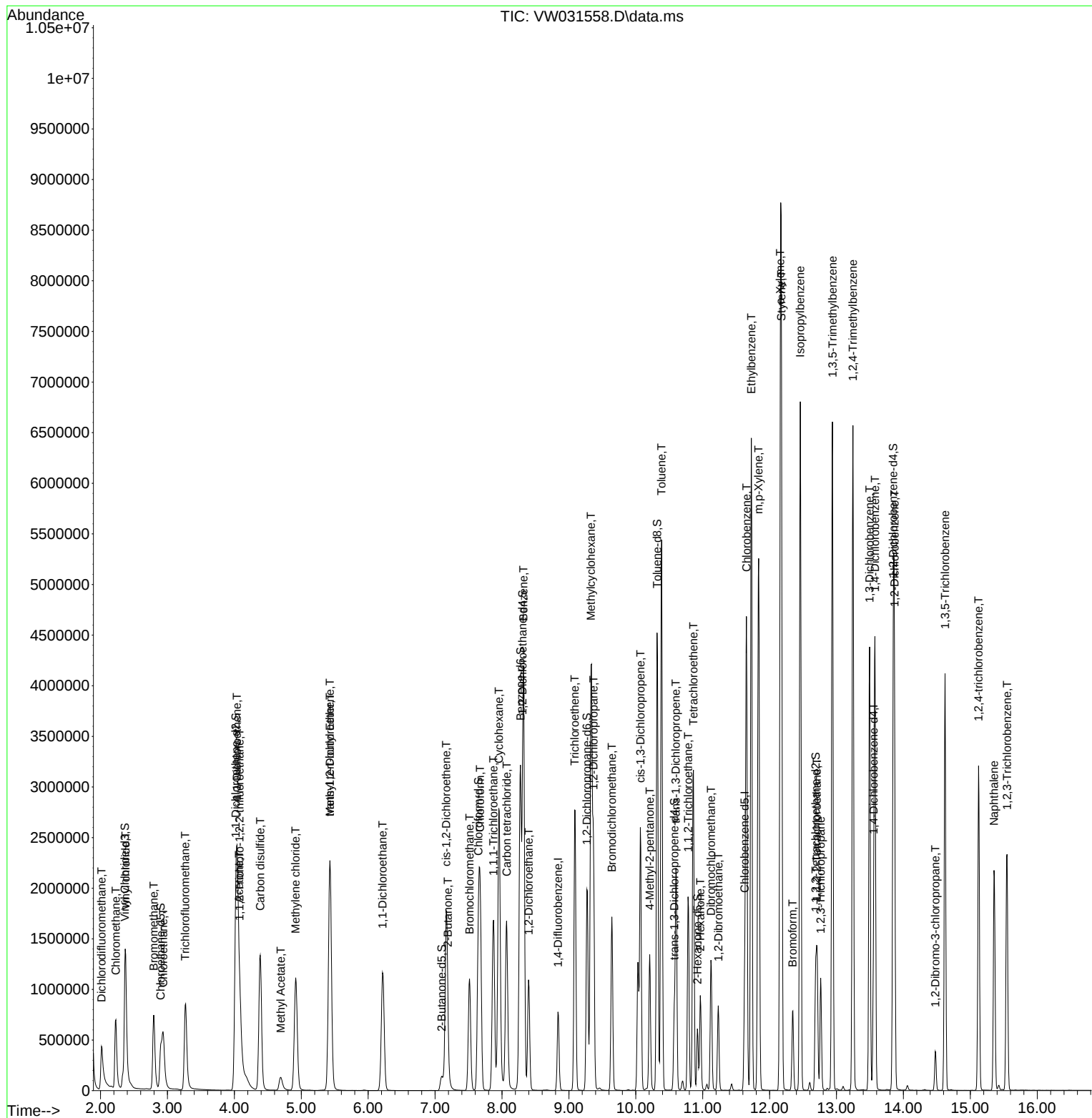
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45) 1,1,2-Trichloroethane	10.782	97	603930	97.374	ug/L	96
46) Tetrachloroethene	10.861	164	725704	97.706	ug/L	96
48) 2-Hexanone	10.965	43	591527	200.420	ug/L	98
49) Dibromochloromethane	11.123	129	690728	101.219	ug/L	99
50) 1,2-Dibromoethane	11.233	107	572554	99.606	ug/L	100
51) Chlorobenzene	11.654	112	2473546	99.540	ug/L	97
52) Ethylbenzene	11.727	91	4511395	97.703	ug/L	98
53) m,p-Xylene	11.836	106	1720276	97.711	ug/L	94
54) o-Xylene	12.160	106	1631557	99.717	ug/L	96
55) Styrene	12.178	104	2685934	98.655	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	639767	93.876	ug/L	97
59) Bromoform	12.343	173	360188	106.235	ug/L	98
60) Isopropylbenzene	12.458	105	4407316	99.152	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	474437	99.291	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	3651703	99.772	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	3569503	100.202	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	1716520	97.365	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	1702966	97.668	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	1471004	97.706	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	109583	102.580	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	1169783	97.913	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	920316	96.712	ug/L	99
71) Naphthalene	15.354	128	1861564	104.327	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	773031	96.451	ug/L	96

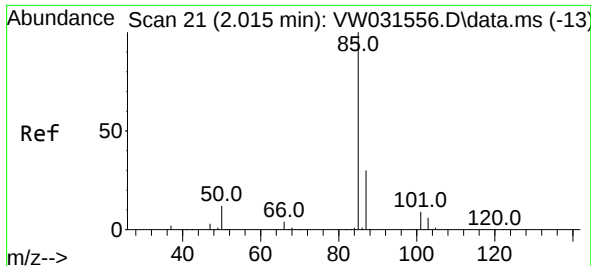
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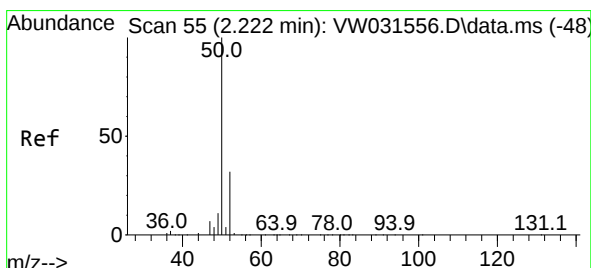
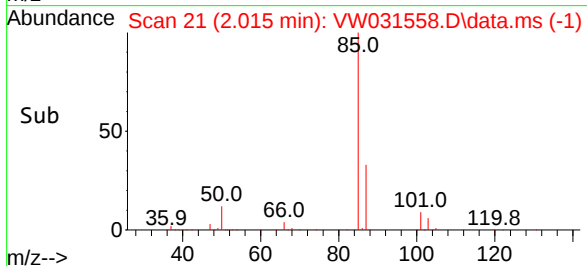
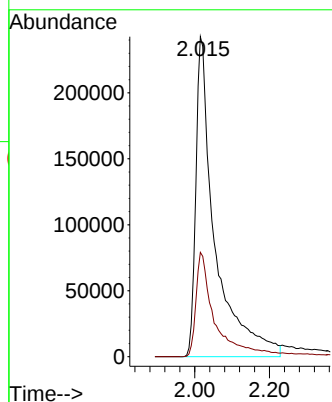
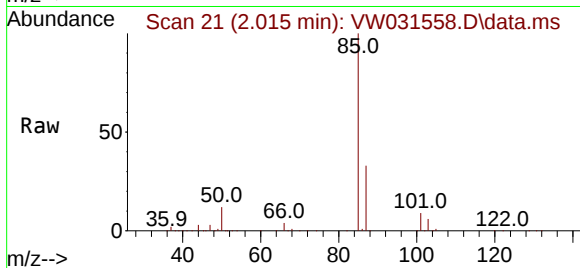




#2
 Dichlorodifluoromethane
 Concen: 104.004 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW031558.D
 Acq: 10 Jan 2025 11:54

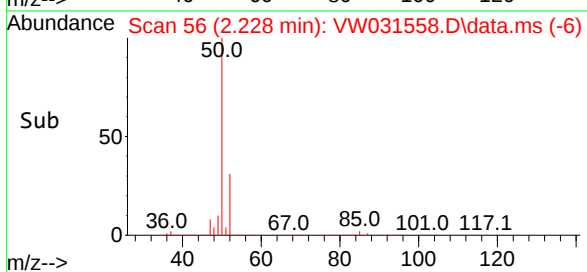
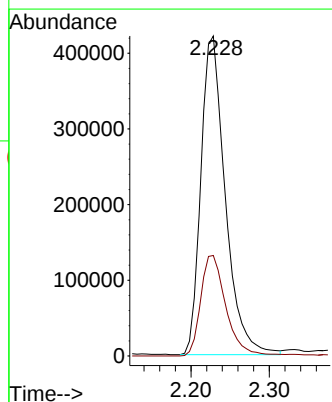
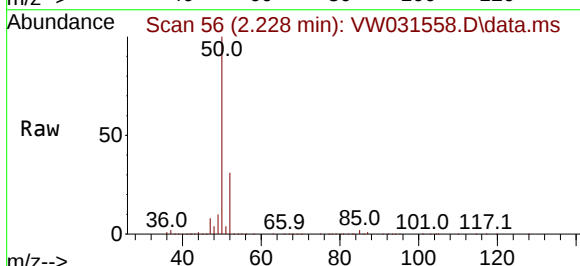
Instrument :
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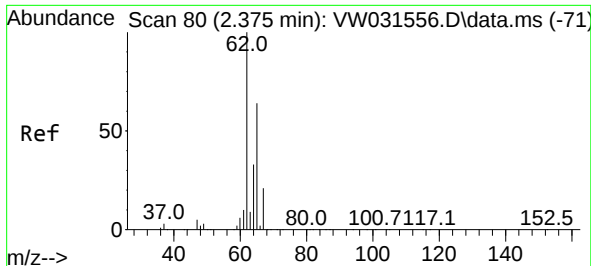
Tgt Ion: 85 Resp: 856824
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.0 37.4



#3
 Chloromethane
 Concen: 103.852 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW031558.D
 Acq: 10 Jan 2025 11:54

Tgt Ion: 50 Resp: 912312
 Ion Ratio Lower Upper
 50 100
 52 31.4 22.3 41.3

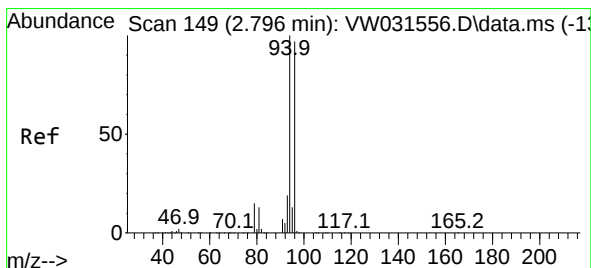
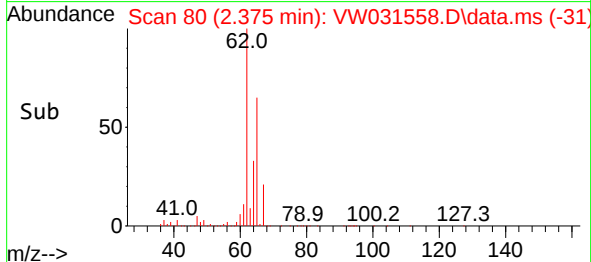
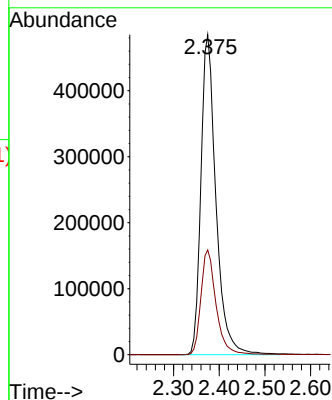
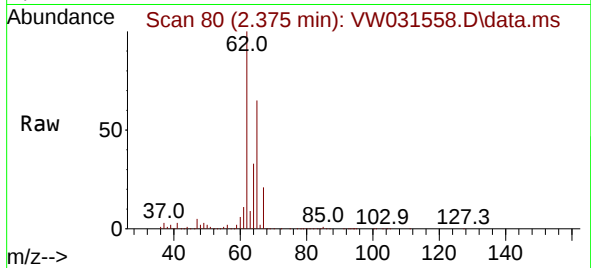




#5
 Vinyl chloride
 Concen: 98.593 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW031558.D
 Acq: 10 Jan 2025 11:54

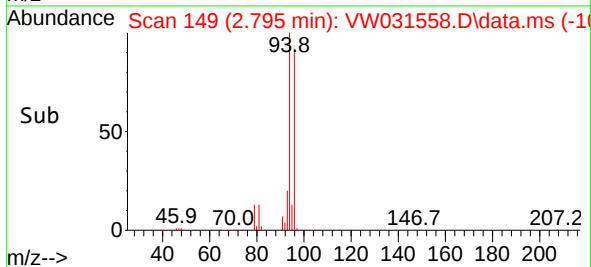
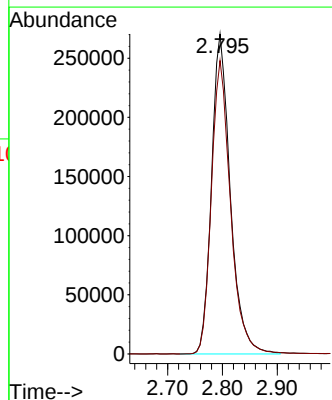
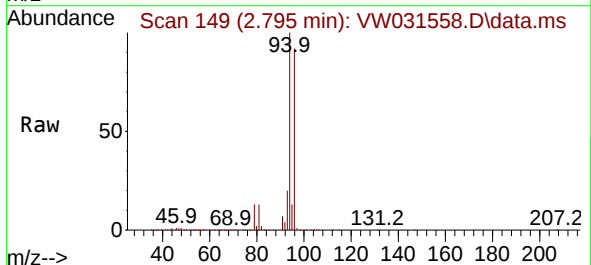
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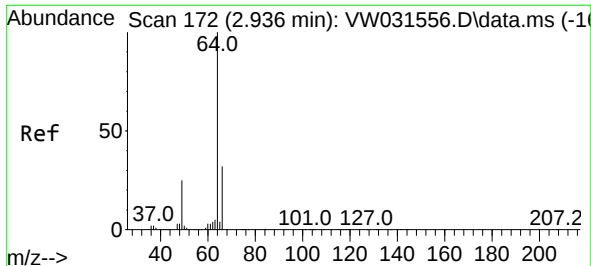
Tgt Ion: 62 Resp: 1104757
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.7 42.3



#6
 Bromomethane
 Concen: 98.069 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VW031558.D
 Acq: 10 Jan 2025 11:54

Tgt Ion: 94 Resp: 642279
 Ion Ratio Lower Upper
 94 100
 96 91.7 67.6 125.6

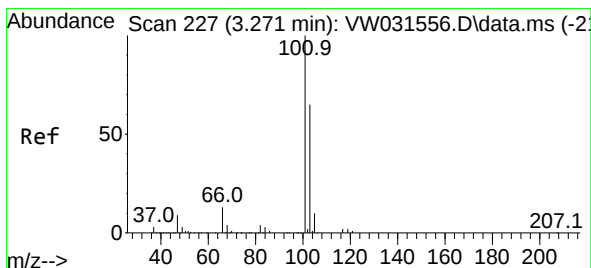
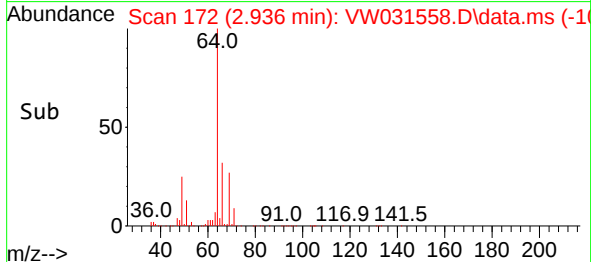
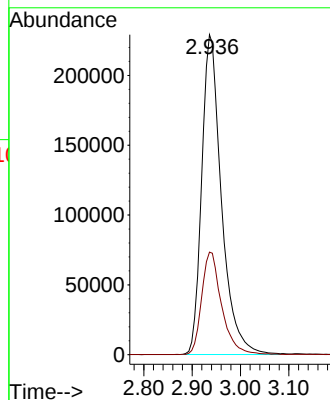
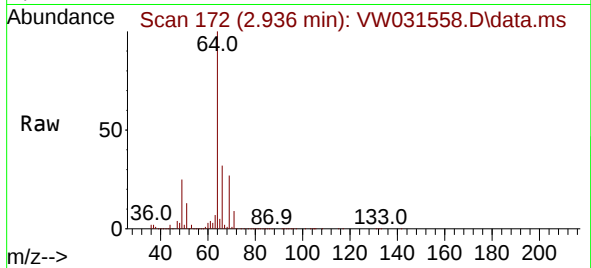




#8
Chloroethane
Concen: 98.566 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW031558.D
Acq: 10 Jan 2025 11:54

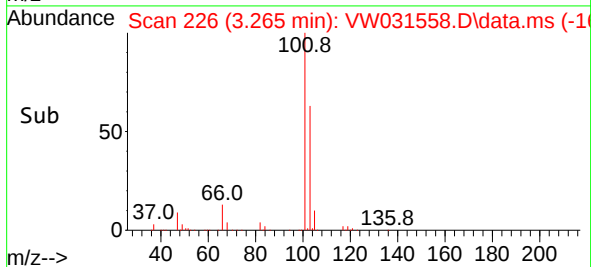
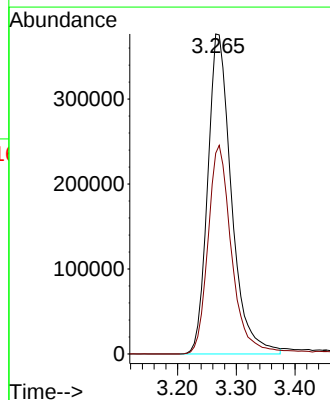
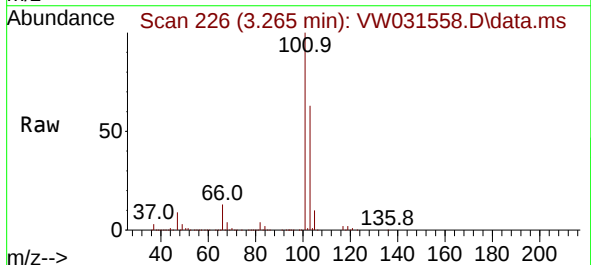
Instrument :
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ClientSampleId :

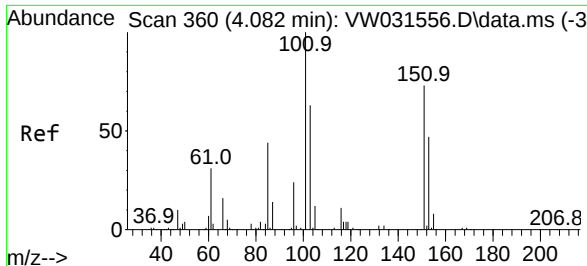
Tgt Ion: 64 Resp: 649215
Ion Ratio Lower Upper
64 100
66 32.1 22.3 41.3



#9
Trichlorofluoromethane
Concen: 95.173 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW031558.D
Acq: 10 Jan 2025 11:54

Tgt Ion: 101 Resp: 1059466
Ion Ratio Lower Upper
101 100
103 65.5 51.4 77.2

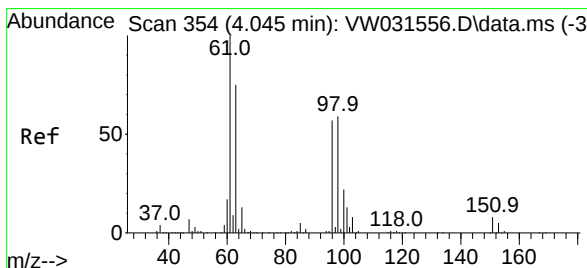
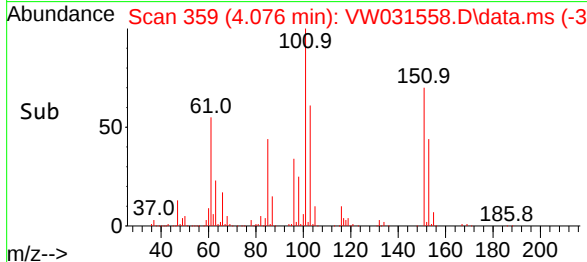
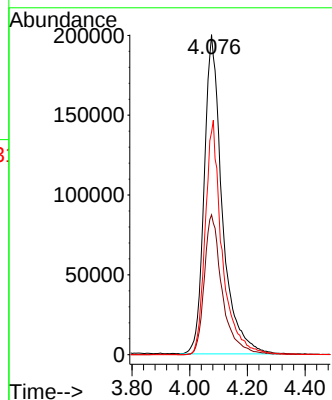
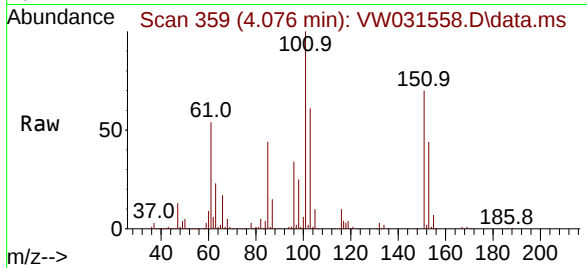




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 101.850 ug/L
 RT: 4.076 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW031558.D
 Acq: 10 Jan 2025 11:54

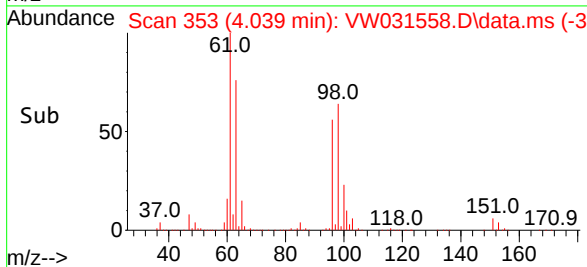
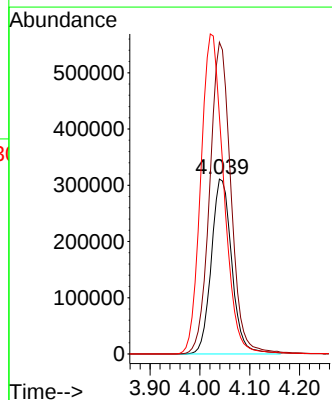
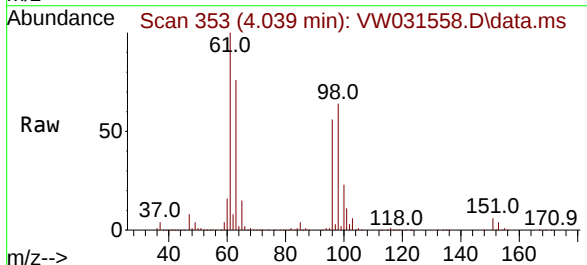
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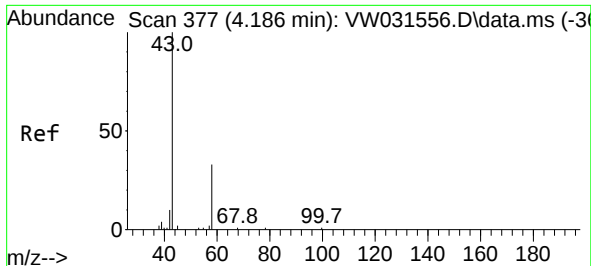
Tgt Ion:101 Resp: 867812
 Ion Ratio Lower Upper
 101 100
 85 43.3 36.1 54.1
 151 68.7 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 102.174 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW031558.D
 Acq: 10 Jan 2025 11:54

Tgt Ion: 96 Resp: 885969
 Ion Ratio Lower Upper
 96 100
 61 178.2 123.8 230.0
 63 135.8 94.1 174.8

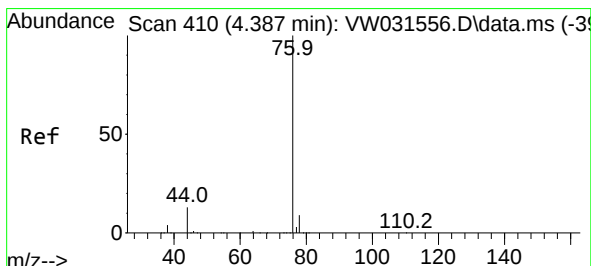
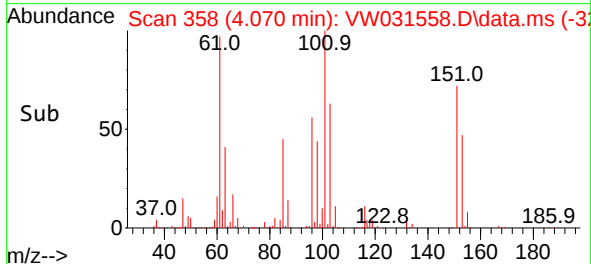
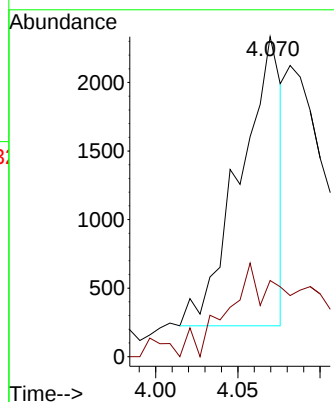
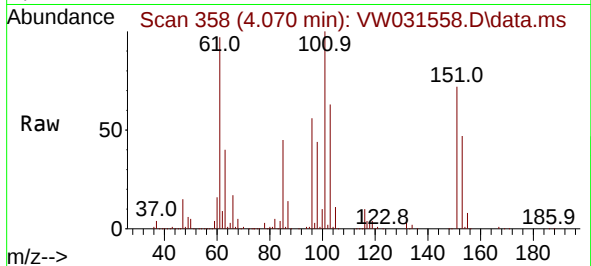




#13
Acetone
Concen: 3.054 ug/L
RT: 4.070 min Scan# 31
Delta R.T. -0.116 min
Lab File: VW031558.D
Acq: 10 Jan 2025 11:54

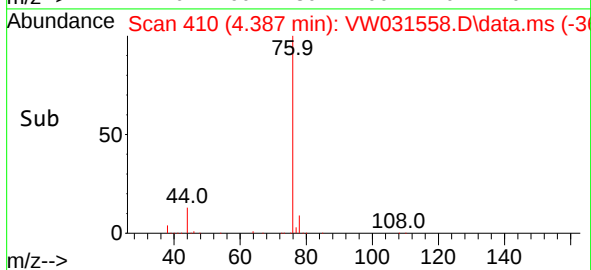
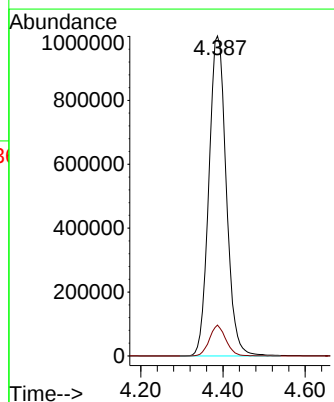
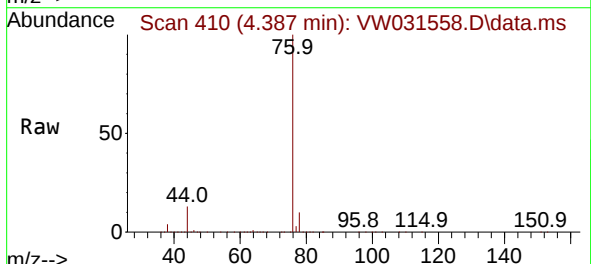
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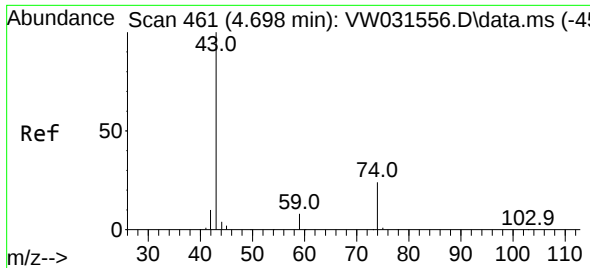
Tgt Ion: 43 Resp: 3698
Ion Ratio Lower Upper
43 100
58 4.1 0.0 28.2



#14
Carbon disulfide
Concen: 100.657 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 2939996
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9

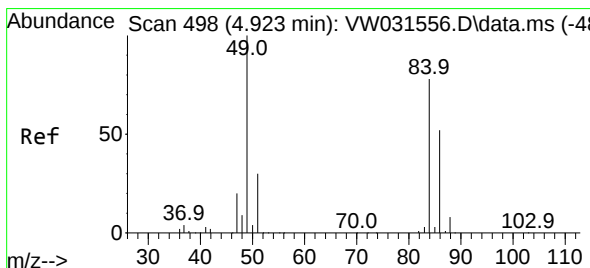
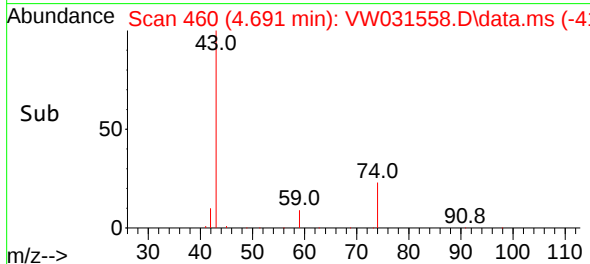
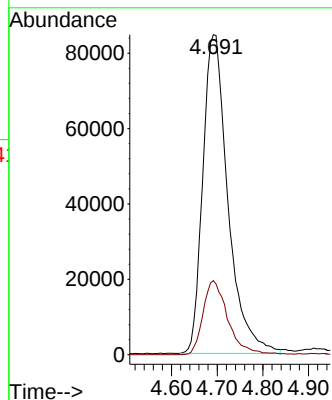
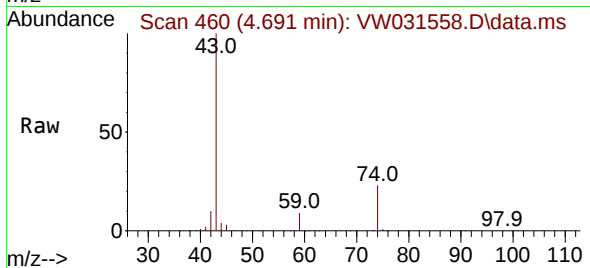




#15
Methyl Acetate
Concen: 101.545 ug/L
RT: 4.691 min Scan# 4
Delta R.T. -0.006 min
Lab File: VW031558.D
Acq: 10 Jan 2025 11:54

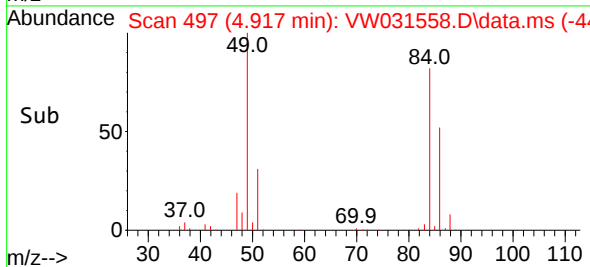
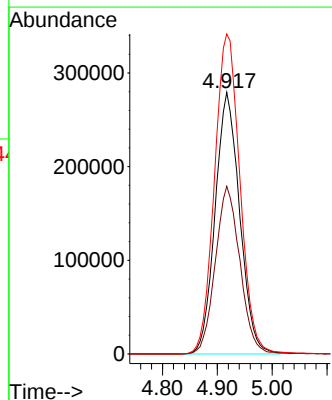
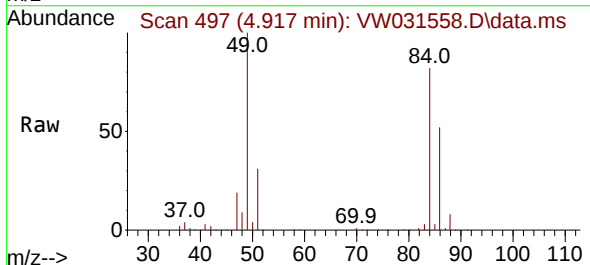
Instrument :
MSVOA_W
ClientSampleId :

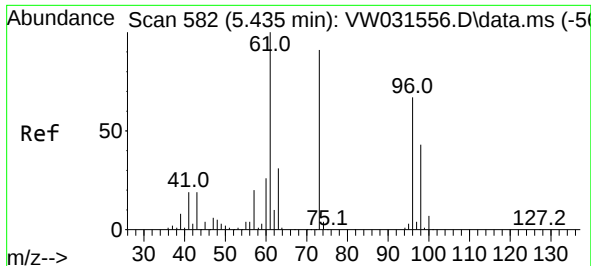
Tgt Ion: 43 Resp: 323526
Ion Ratio Lower Upper
43 100
74 22.7 10.6 15.8#



#16
Methylene chloride
Concen: 97.738 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW031558.D
Acq: 10 Jan 2025 11:54

Tgt Ion: 84 Resp: 867403
Ion Ratio Lower Upper
84 100
86 64.1 47.0 87.2
49 122.3 89.8 166.8





#17

trans-1,2-Dichloroethene

Concen: 100.862 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW031558.D

Acq: 10 Jan 2025 11:54

Instrument :

MSVOA_W

ClientSampleId :

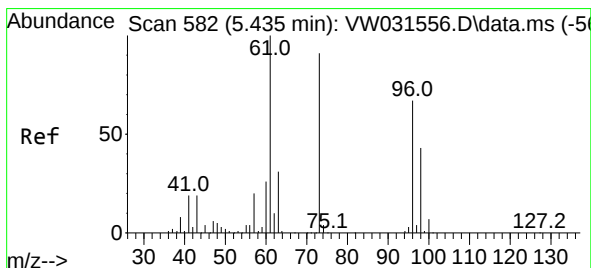
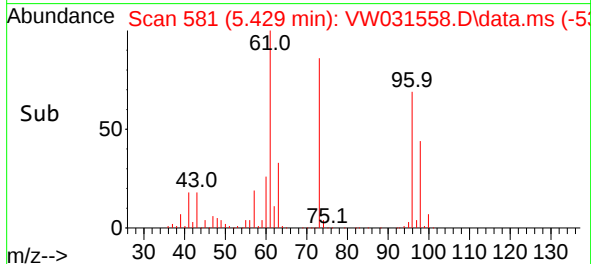
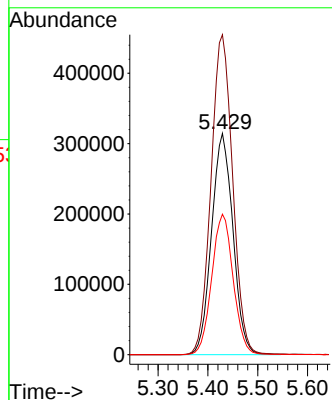
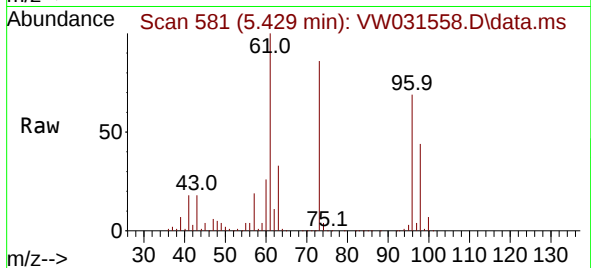
Tgt Ion: 96 Resp: 939352

Ion Ratio Lower Upper

96 100

61 144.6 105.1 195.1

98 63.5 44.9 83.3



#18

Methyl tert-butyl Ether

Concen: 94.994 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW031558.D

Acq: 10 Jan 2025 11:54

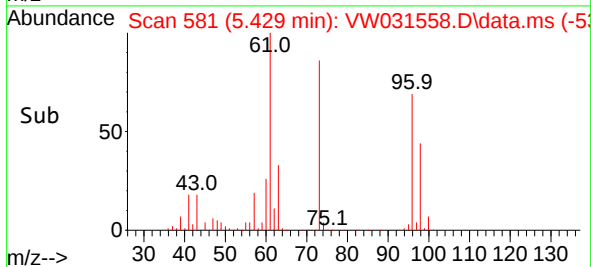
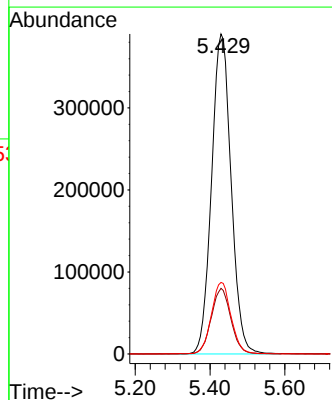
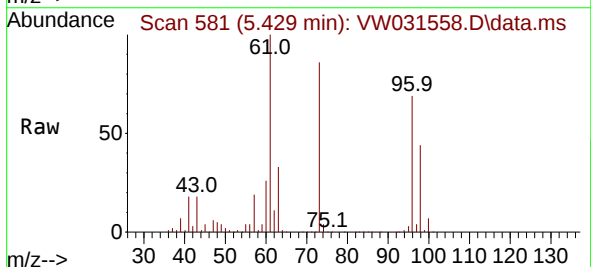
Tgt Ion: 73 Resp: 1418651

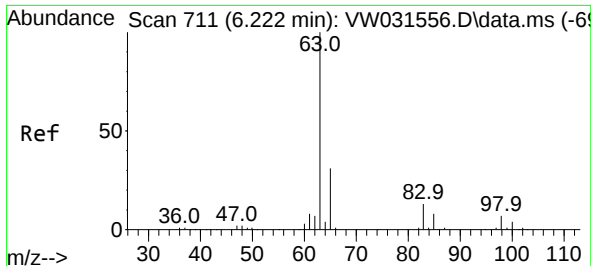
Ion Ratio Lower Upper

73 100

43 20.5 16.4 24.6

57 22.3 18.2 27.2

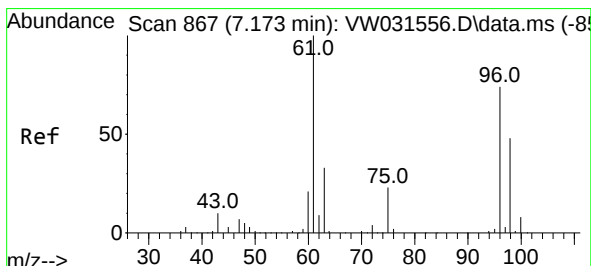
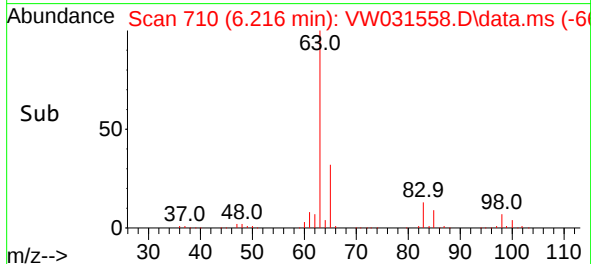
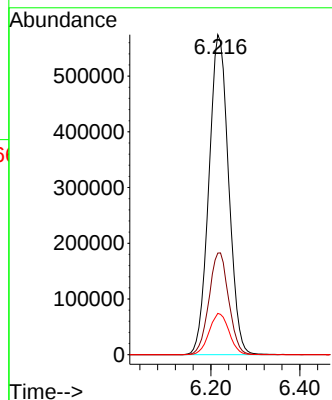
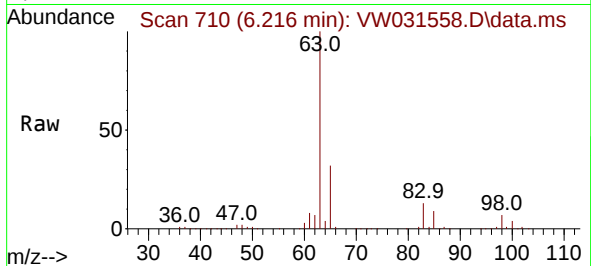




#19
 1,1-Dichloroethane
 Concen: 100.981 ug/L
 RT: 6.216 min Scan# 711
 Delta R.T. -0.006 min
 Lab File: VW031558.D
 Acq: 10 Jan 2025 11:54

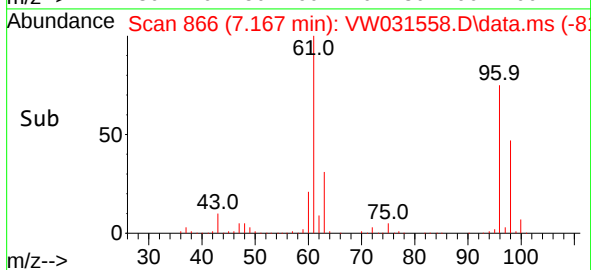
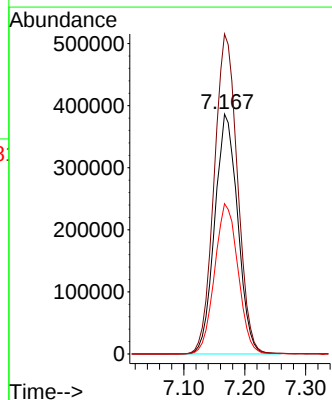
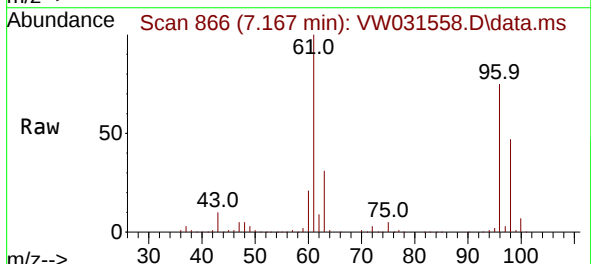
Instrument :
 MSVOA_W
 ClientSampleId :

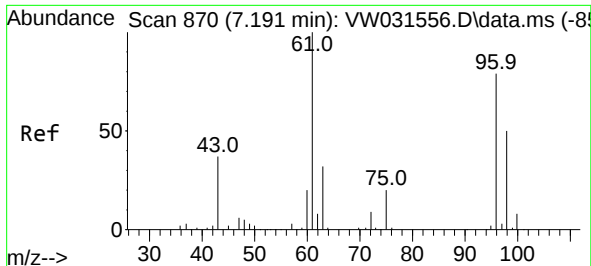
Tgt Ion: 63 Resp: 1769402
 Ion Ratio Lower Upper
 63 100
 65 31.8 22.0 41.0
 83 12.9 9.0 16.6



#20
 cis-1,2-Dichloroethene
 Concen: 102.078 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.006 min
 Lab File: VW031558.D
 Acq: 10 Jan 2025 11:54

Tgt Ion: 96 Resp: 1015046
 Ion Ratio Lower Upper
 96 100
 61 133.4 94.8 176.2
 98 62.6 45.6 84.8

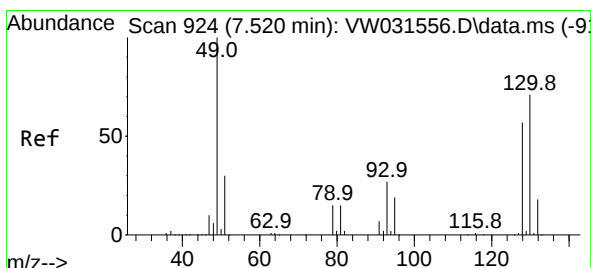
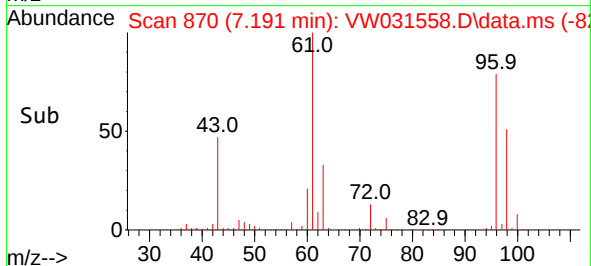
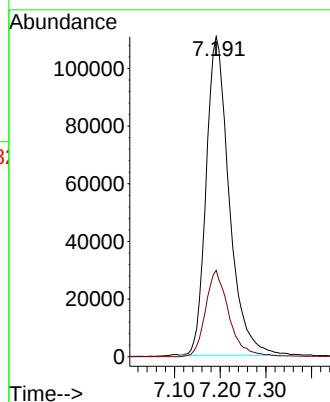
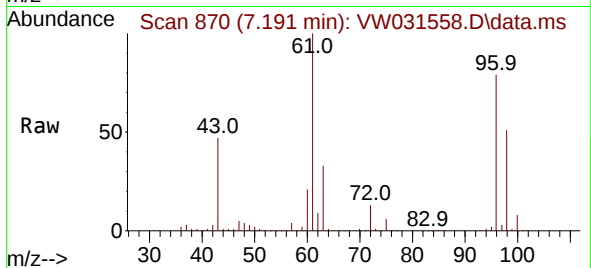




#22
2-Butanone
Concen: 183.619 ug/L
RT: 7.191 min Scan# 81
Delta R.T. -0.000 min
Lab File: VW031558.D
Acq: 10 Jan 2025 11:54

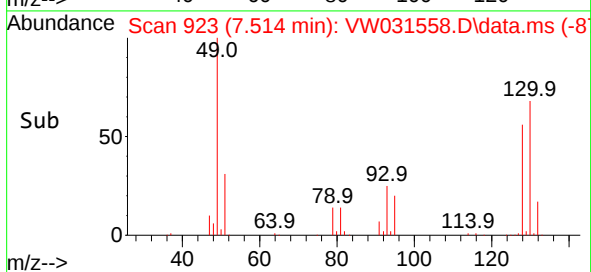
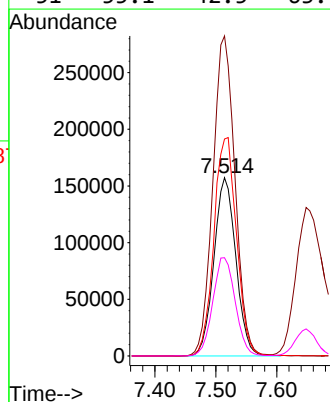
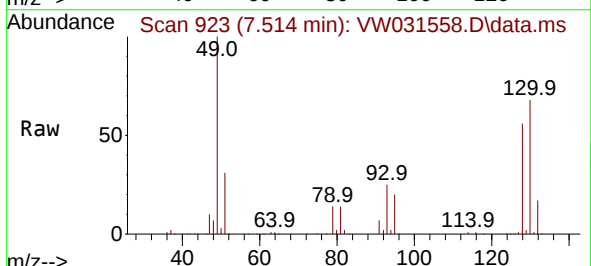
Instrument :
MSVOA_W
ClientSampleId :

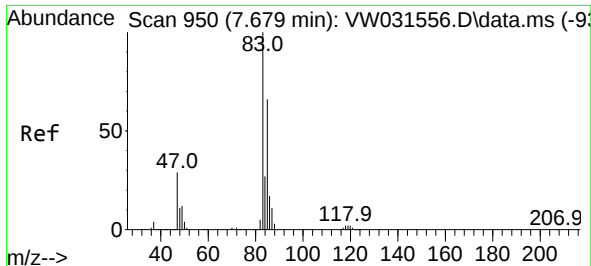
Tgt Ion: 43 Resp: 386036
Ion Ratio Lower Upper
43 100
72 27.3 13.2 39.5



#23
Bromochloromethane
Concen: 101.042 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW031558.D
Acq: 10 Jan 2025 11:54

Tgt Ion:128 Resp: 393481
Ion Ratio Lower Upper
128 100
49 179.6 123.9 230.1
130 121.8 88.1 163.7
51 55.1 42.5 63.7

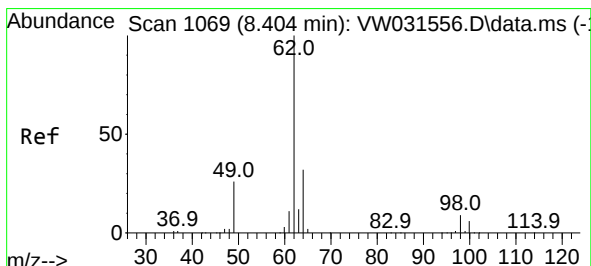
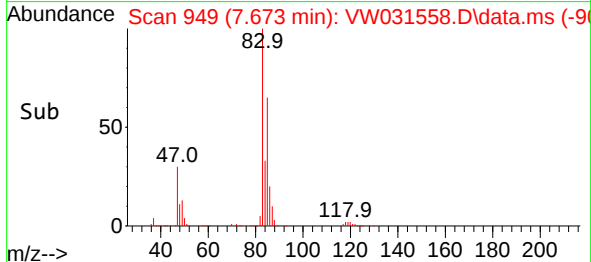
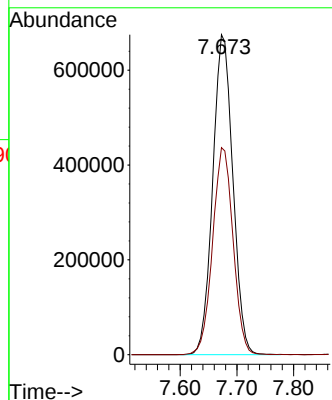
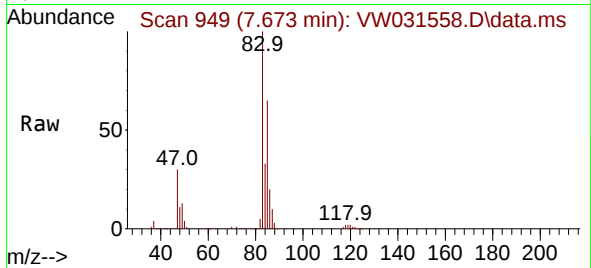




#25
Chloroform
Concen: 99.701 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW031558.D
Acq: 10 Jan 2025 11:54

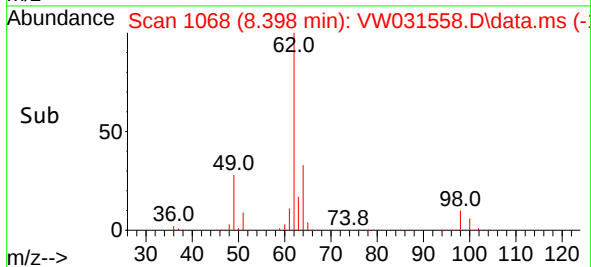
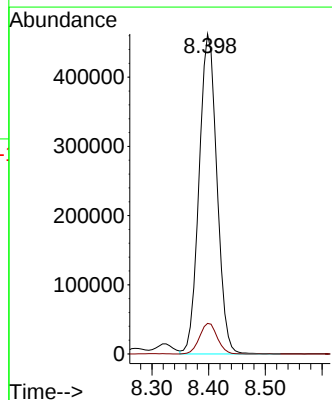
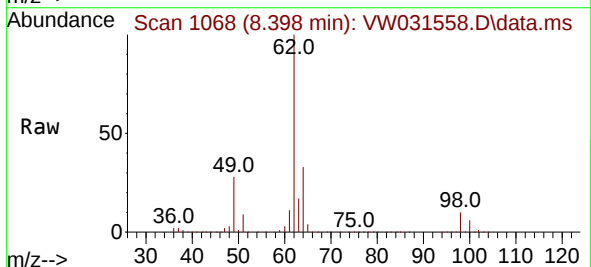
Instrument :
MSVOA_W
ClientSampleId :

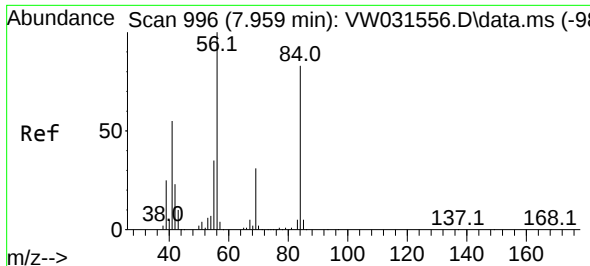
Tgt Ion: 83 Resp: 1661641
Ion Ratio Lower Upper
83 100
85 64.7 46.2 85.8



#27
1,2-Dichloroethane
Concen: 98.350 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VW031558.D
Acq: 10 Jan 2025 11:54

Tgt Ion: 62 Resp: 1009562
Ion Ratio Lower Upper
62 100
98 9.5 7.3 10.9





#29

Cyclohexane

Concen: 97.743 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

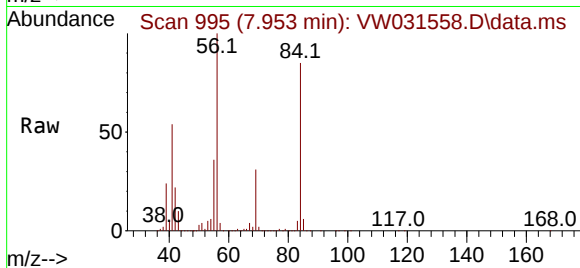
Lab File: VW031558.D

Acq: 10 Jan 2025 11:54

Instrument :

MSVOA_W

ClientSampleId :



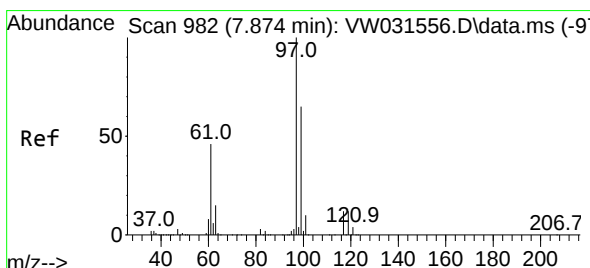
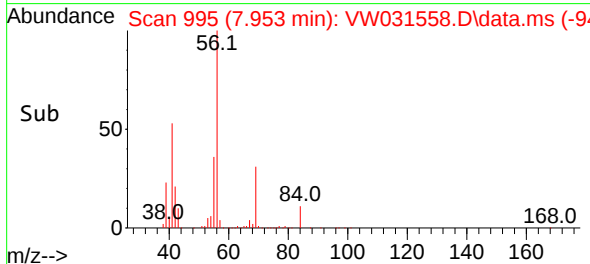
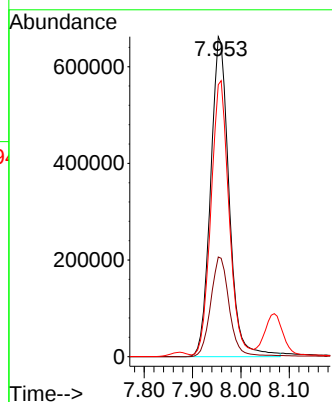
Tgt Ion: 56 Resp: 1762194

Ion Ratio Lower Upper

56 100

69 30.9 25.2 37.8

84 84.1 66.3 99.5



#30

1,1,1-Trichloroethane

Concen: 98.159 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW031558.D

Acq: 10 Jan 2025 11:54

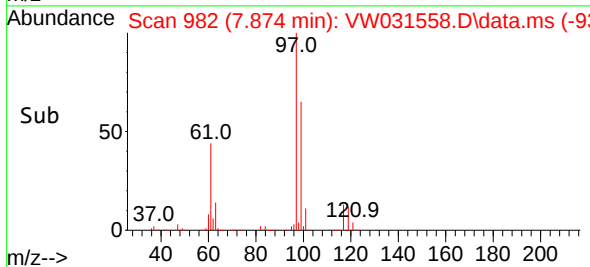
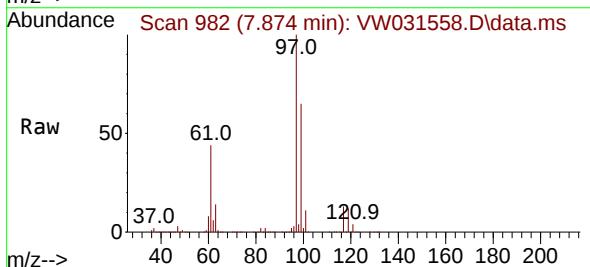
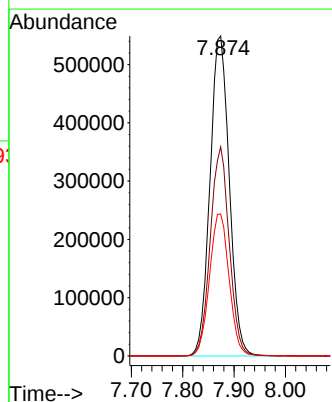
Tgt Ion: 97 Resp: 1433341

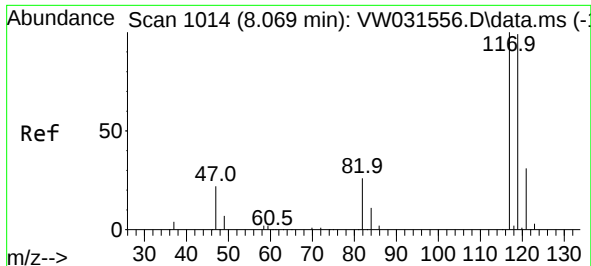
Ion Ratio Lower Upper

97 100

99 64.1 52.2 78.4

61 45.3 36.9 55.3

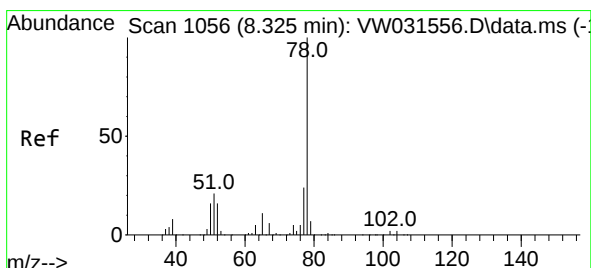
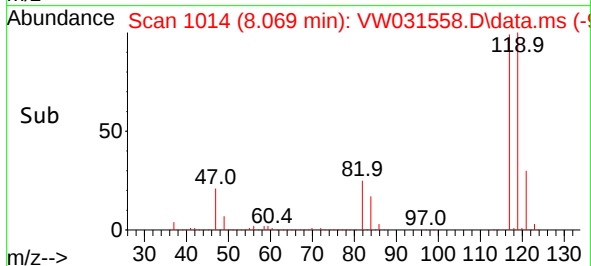
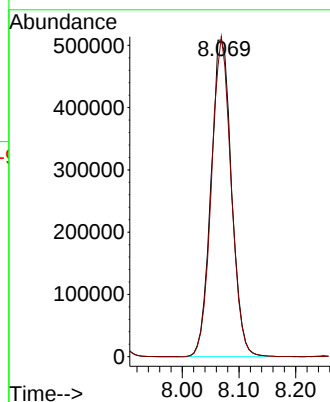
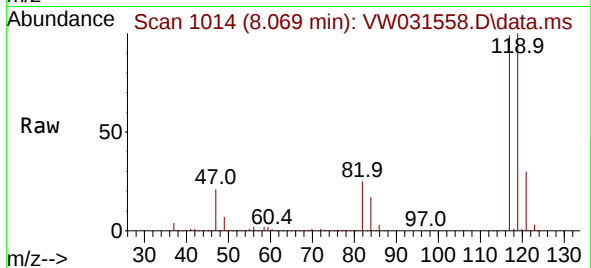




#31
Carbon tetrachloride
Concen: 99.310 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW031558.D
Acq: 10 Jan 2025 11:54

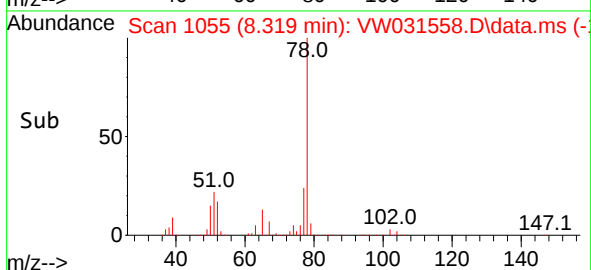
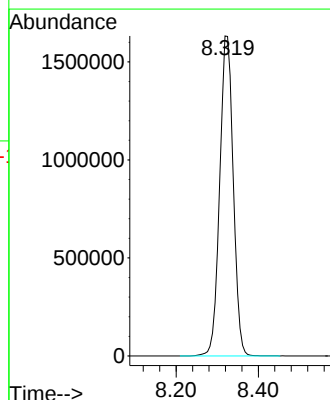
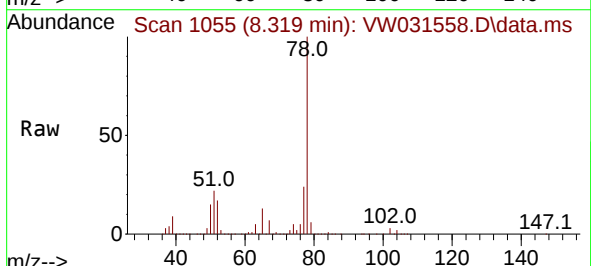
Instrument :
MSVOA_W
ClientSampleId :

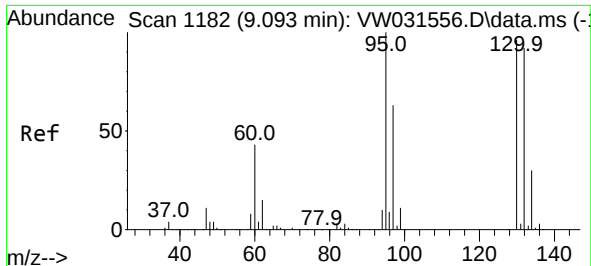
Tgt Ion:117 Resp: 1285718
Ion Ratio Lower Upper
117 100
119 96.6 77.4 116.0



#33
Benzene
Concen: 96.963 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW031558.D
Acq: 10 Jan 2025 11:54

Tgt Ion: 78 Resp: 3732844

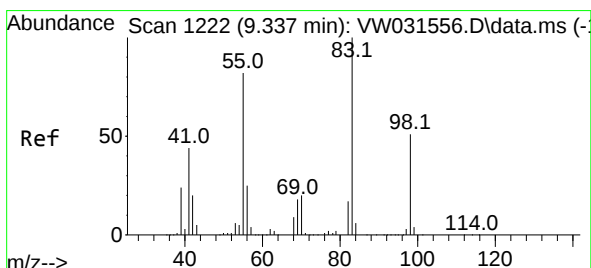
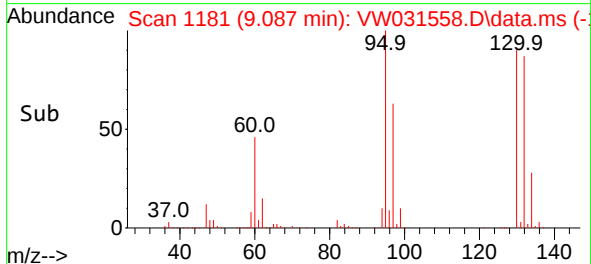
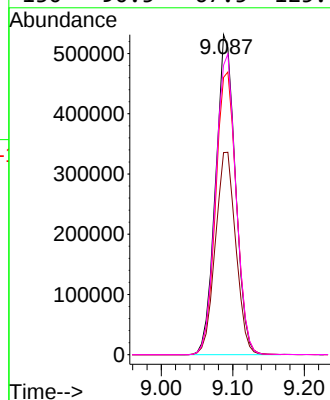
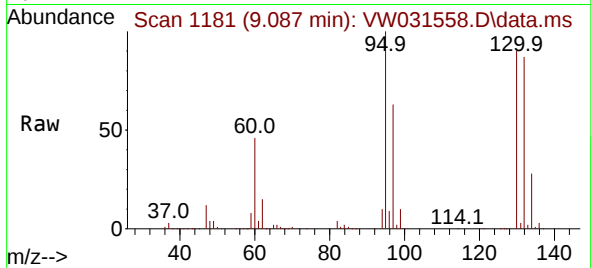




#34
Trichloroethene
Concen: 98.500 ug/L
RT: 9.087 min Scan# 1182
Delta R.T. -0.006 min
Lab File: VW031558.D
Acq: 10 Jan 2025 11:54

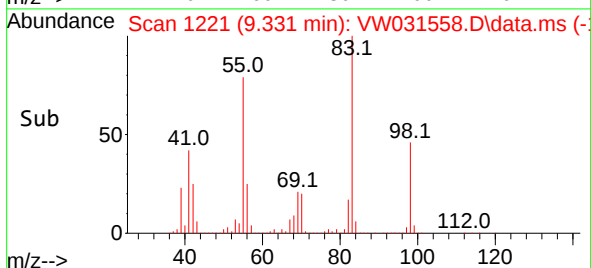
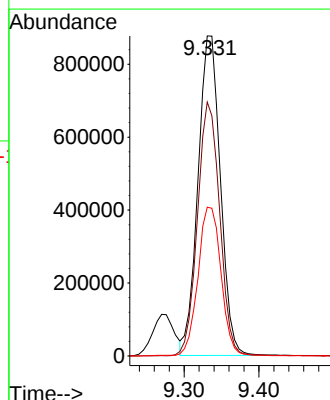
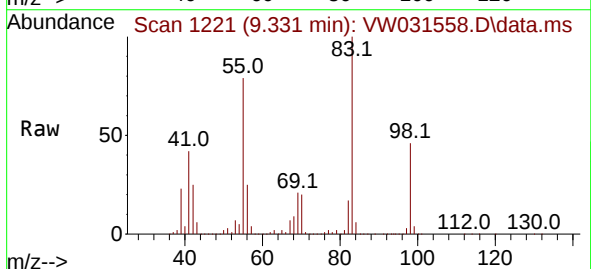
Instrument :
MSVOA_W
ClientSampleId :

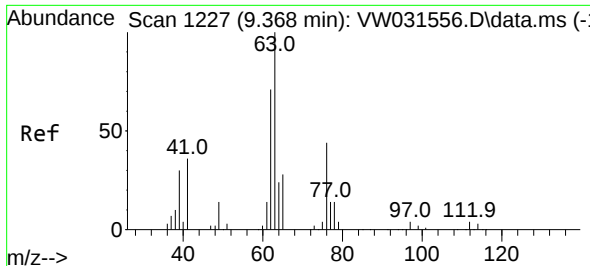
Tgt Ion: 95 Resp: 1019510
Ion Ratio Lower Upper
95 100
97 63.1 44.0 81.6
132 86.7 64.6 120.0
130 90.5 67.5 125.4



#35
Methylcyclohexane
Concen: 98.331 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW031558.D
Acq: 10 Jan 2025 11:54

Tgt Ion: 83 Resp: 1824692
Ion Ratio Lower Upper
83 100
55 78.6 63.4 95.2
98 47.9 38.8 58.2





#37

1,2-Dichloropropane

Concen: 97.787 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031558.D

Acq: 10 Jan 2025 11:54

Instrument :

MSVOA_W

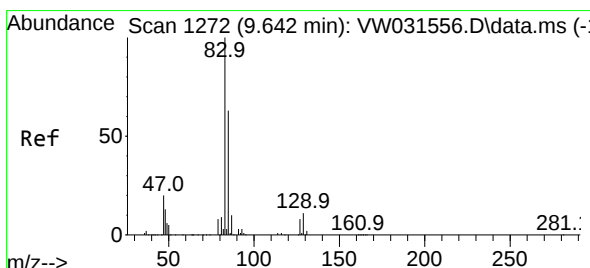
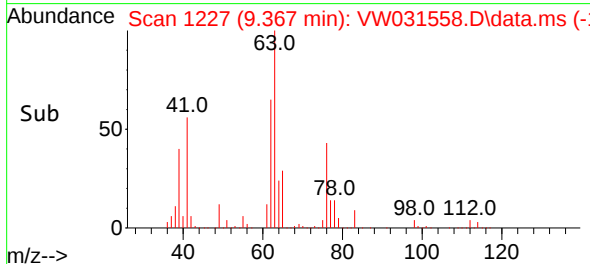
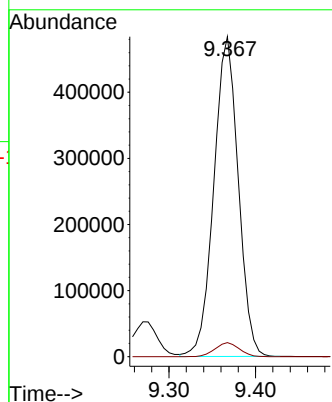
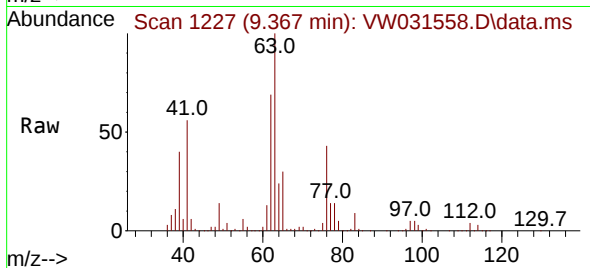
ClientSampleId :

Tgt Ion: 63 Resp: 946183

Ion Ratio Lower Upper

63 100

112 4.4 3.6 5.4



#38

Bromodichloromethane

Concen: 100.150 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW031558.D

Acq: 10 Jan 2025 11:54

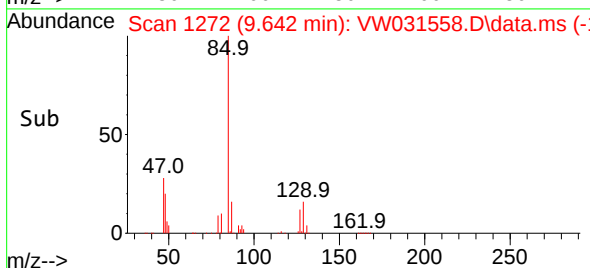
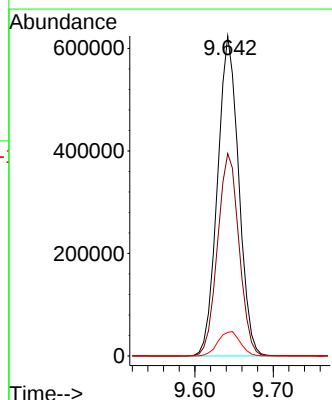
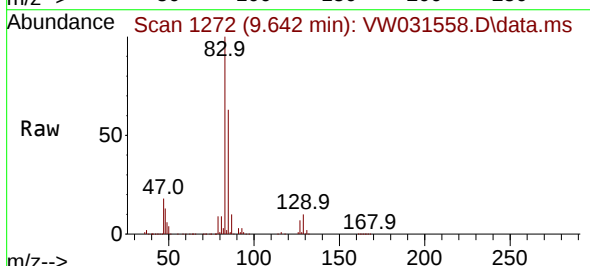
Tgt Ion: 83 Resp: 1172188

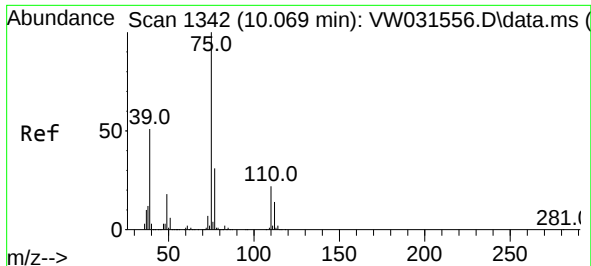
Ion Ratio Lower Upper

83 100

85 63.3 43.8 81.3

127 7.4 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 102.132 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031558.D

Acq: 10 Jan 2025 11:54

Instrument :

MSVOA_W

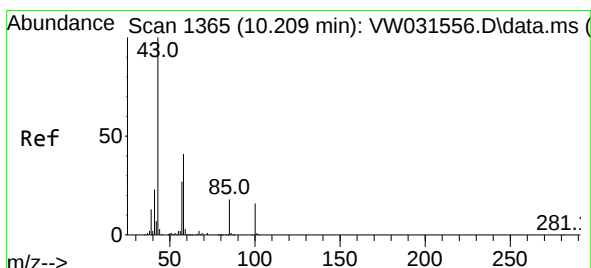
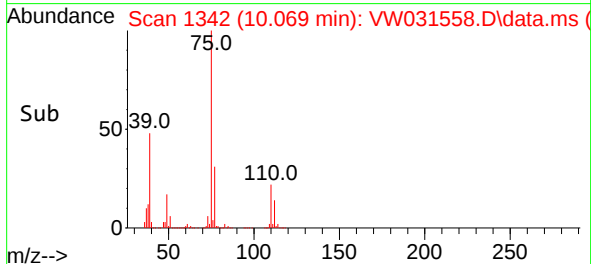
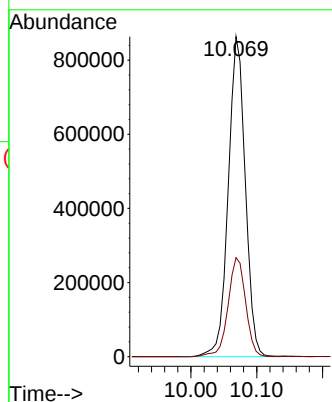
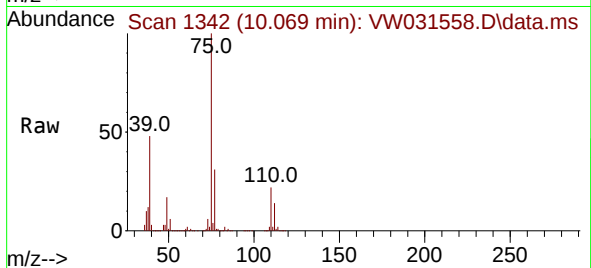
ClientSampleId :

Tgt Ion: 75 Resp: 1554589

Ion Ratio Lower Upper

75 100

77 31.0 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 186.411 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW031558.D

Acq: 10 Jan 2025 11:54

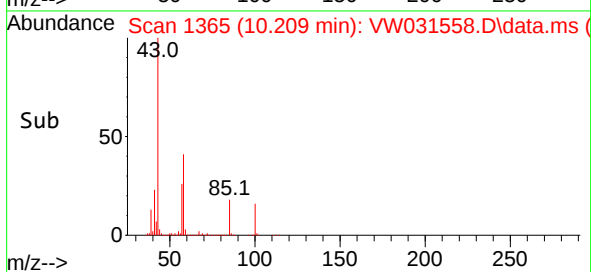
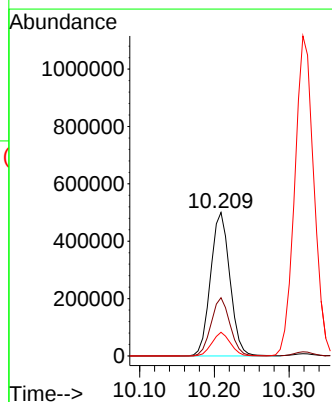
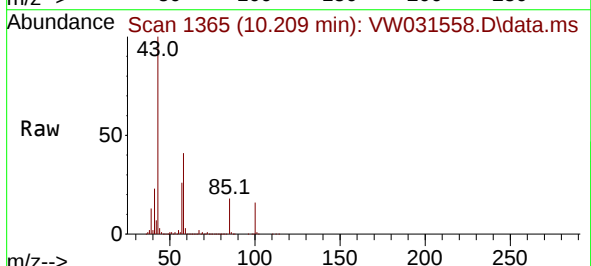
Tgt Ion: 43 Resp: 900321

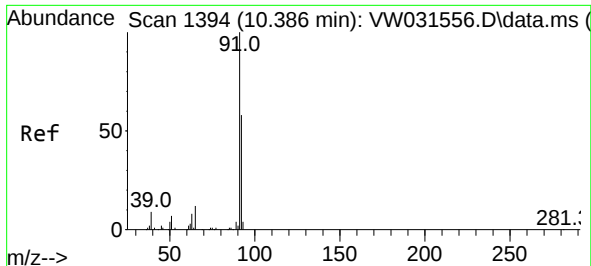
Ion Ratio Lower Upper

43 100

58 39.8 31.4 47.2

100 15.8 12.3 18.5

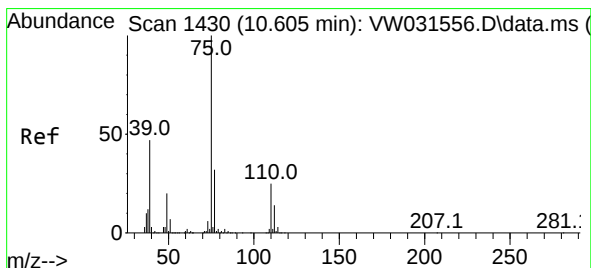
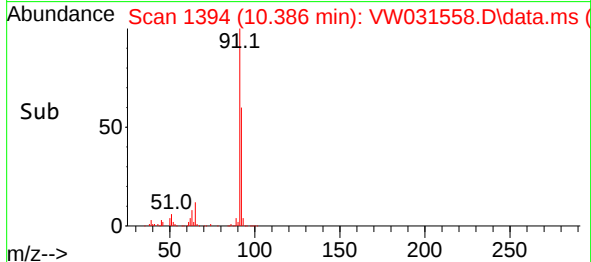
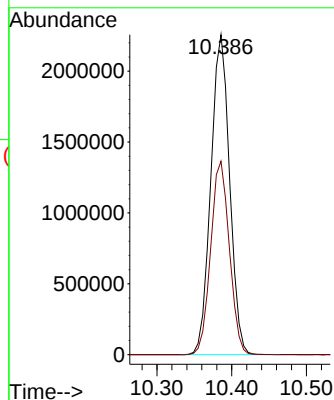
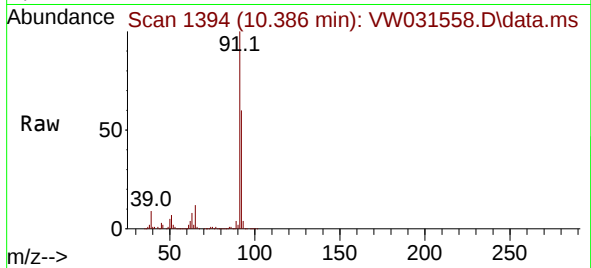




#42
Toluene
Concen: 97.951 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031558.D
Acq: 10 Jan 2025 11:54

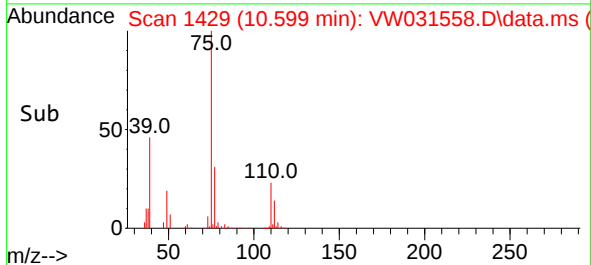
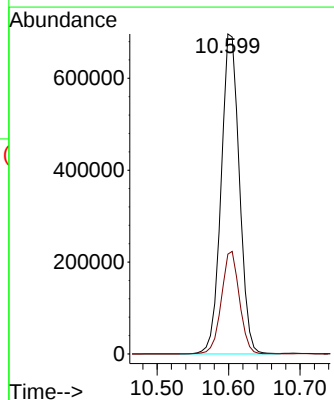
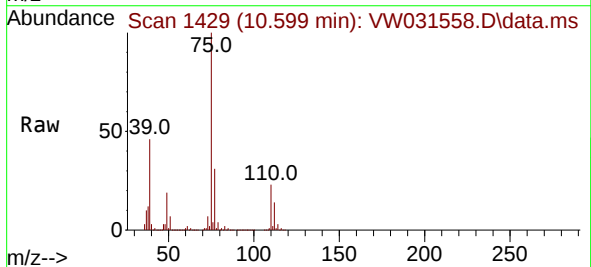
Instrument :
MSVOA_W
ClientSampleId :

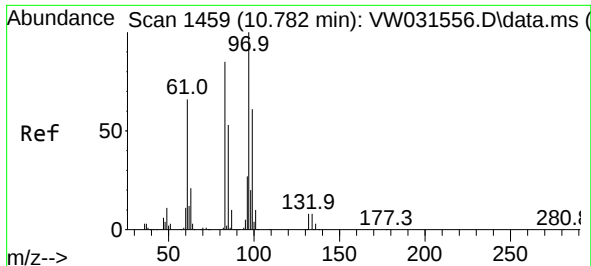
Tgt Ion: 91 Resp: 3941818
Ion Ratio Lower Upper
91 100
92 60.5 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 101.444 ug/L
RT: 10.599 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VW031558.D
Acq: 10 Jan 2025 11:54

Tgt Ion: 75 Resp: 1234242
Ion Ratio Lower Upper
75 100
77 31.2 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 97.374 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

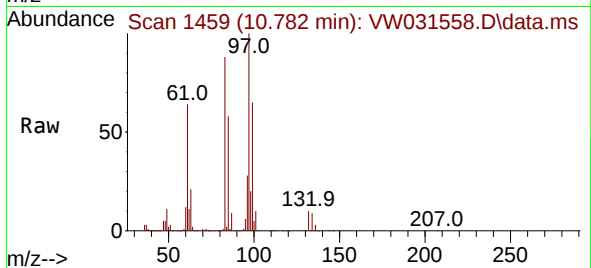
Lab File: VW031558.D

Acq: 10 Jan 2025 11:54

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 603930

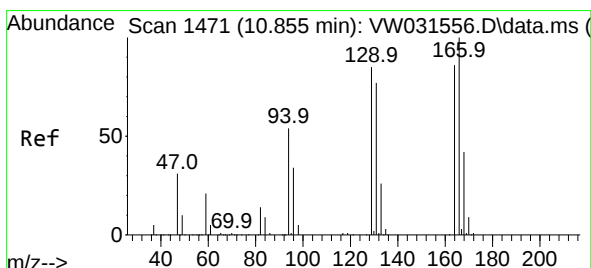
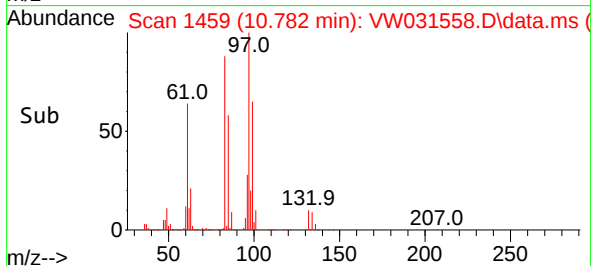
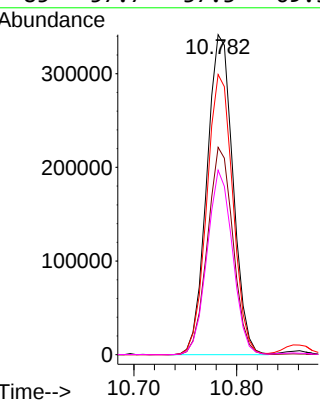
Ion Ratio Lower Upper

97 100

99 64.8 42.6 79.2

83 87.5 59.6 110.8

85 57.7 37.3 69.3



#46

Tetrachloroethene

Concen: 97.706 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW031558.D

Acq: 10 Jan 2025 11:54

Tgt Ion:164 Resp: 725704

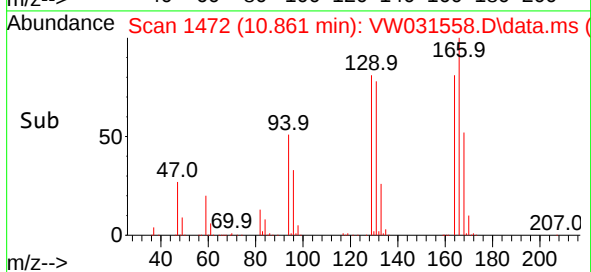
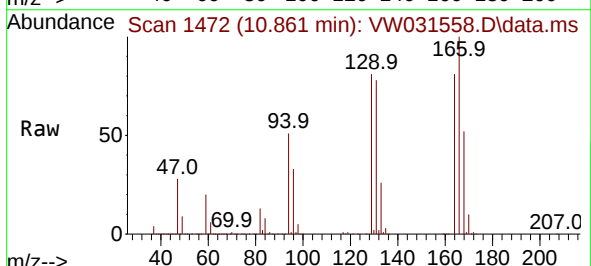
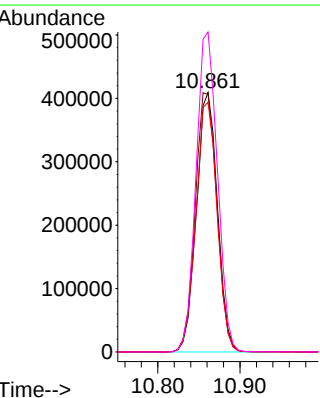
Ion Ratio Lower Upper

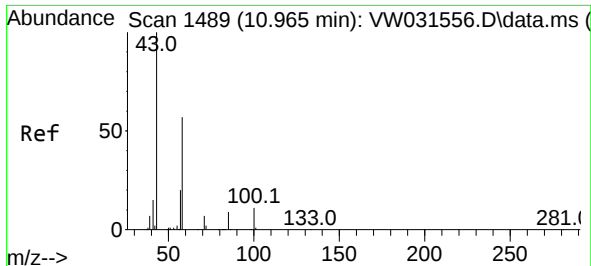
164 100

129 99.3 69.8 129.6

131 96.2 63.1 117.1

166 123.3 81.7 151.7



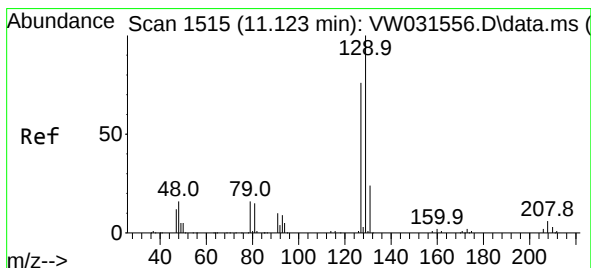
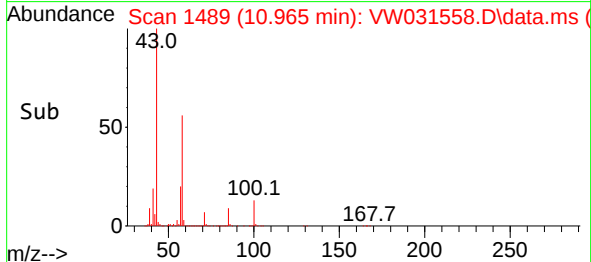
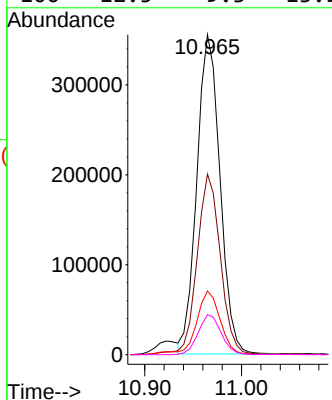
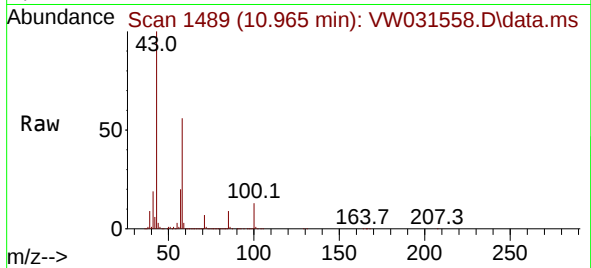


#48
2-Hexanone
Concen: 200.420 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031558.D
Acq: 10 Jan 2025 11:54

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 591527

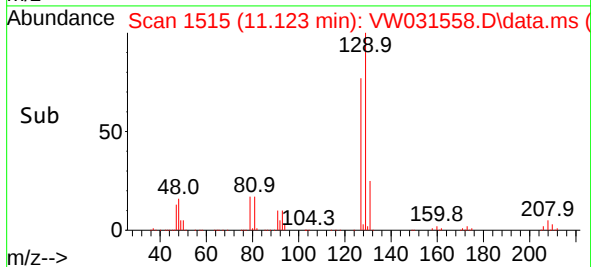
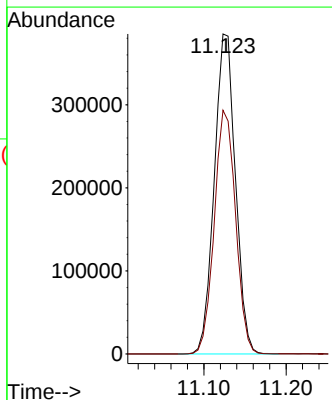
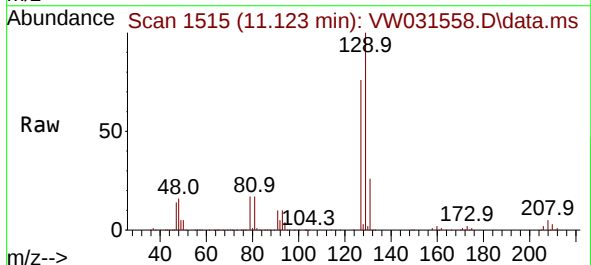
Ion	Ratio	Lower	Upper
43	100		
58	57.2	44.8	67.2
57	20.0	15.6	23.4
100	12.5	9.3	13.9

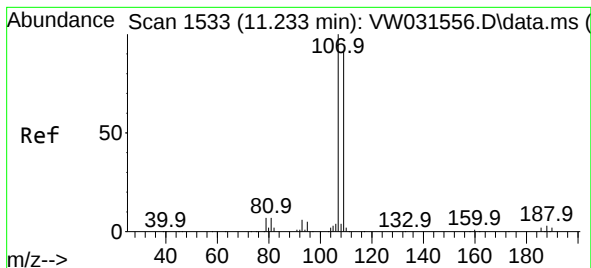


#49
Dibromochloromethane
Concen: 101.219 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW031558.D
Acq: 10 Jan 2025 11:54

Tgt Ion: 129 Resp: 690728

Ion	Ratio	Lower	Upper
129	100		
127	76.1	53.0	98.4

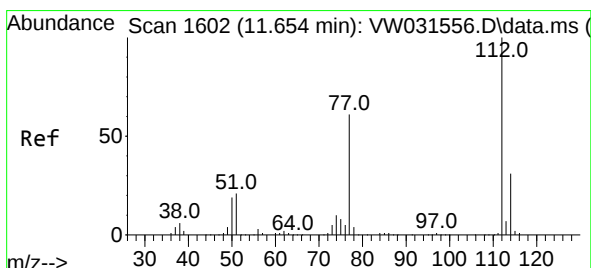
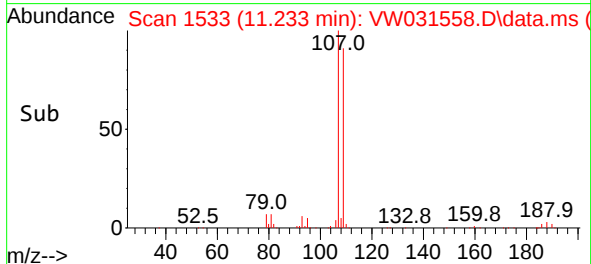
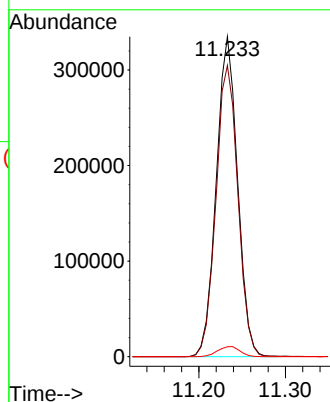
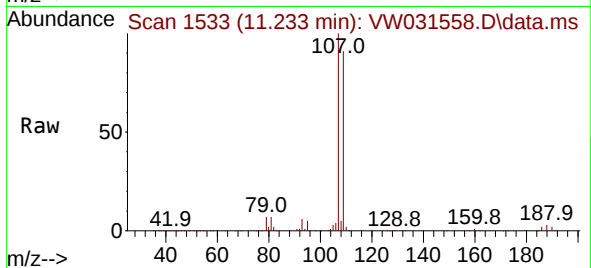




#50
1,2-Dibromoethane
Concen: 99.606 ug/L
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031558.D
Acq: 10 Jan 2025 11:54

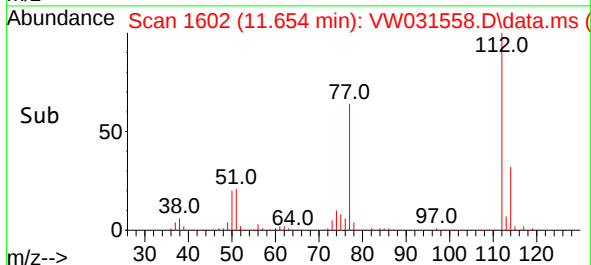
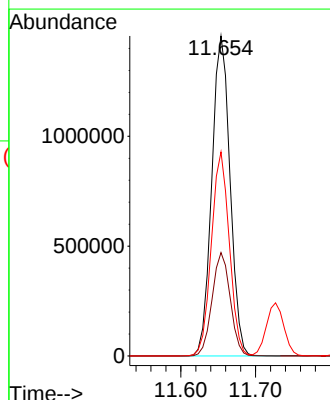
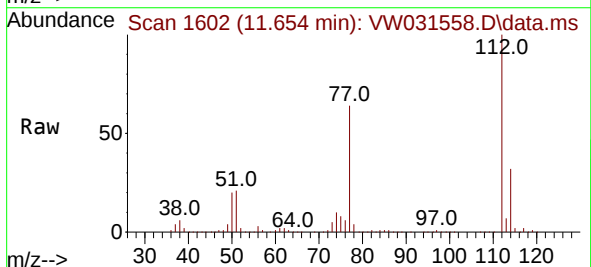
Instrument :
MSVOA_W
ClientSampleId :

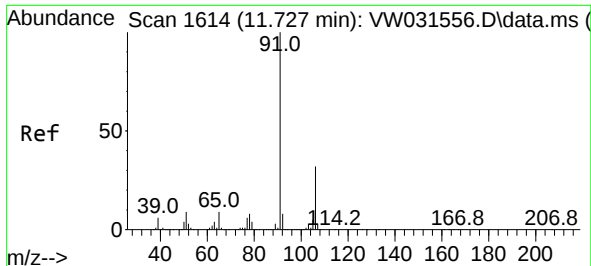
Tgt Ion:107 Resp: 572554
Ion Ratio Lower Upper
107 100
109 91.0 63.8 118.4
188 3.1 2.6 3.8



#51
Chlorobenzene
Concen: 99.540 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW031558.D
Acq: 10 Jan 2025 11:54

Tgt Ion:112 Resp: 2473546
Ion Ratio Lower Upper
112 100
114 32.3 22.0 40.8
77 63.7 49.0 73.4

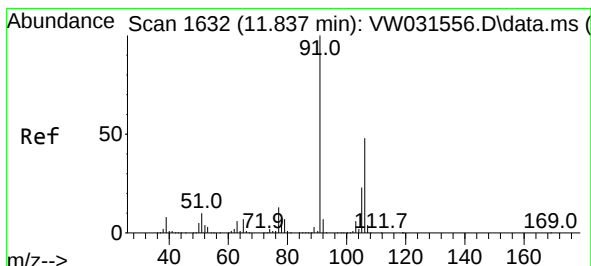
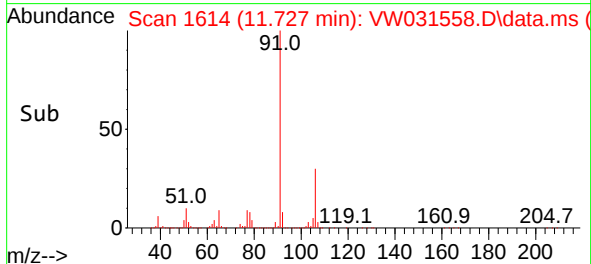
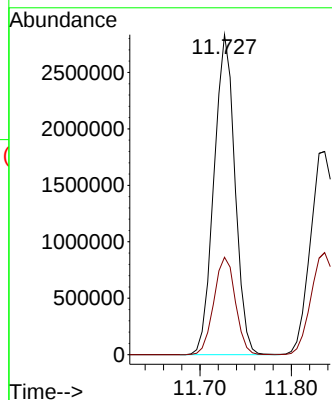
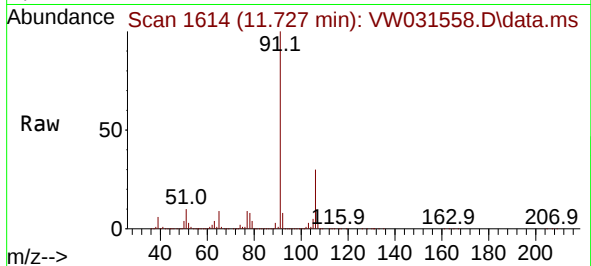




#52
Ethylbenzene
Concen: 97.703 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031558.D
Acq: 10 Jan 2025 11:54

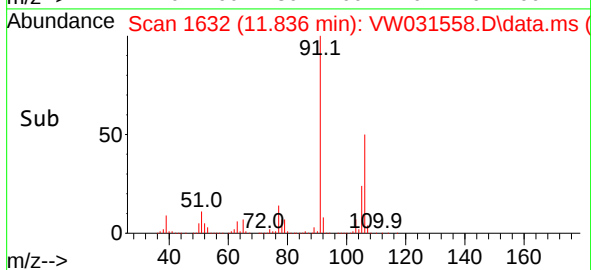
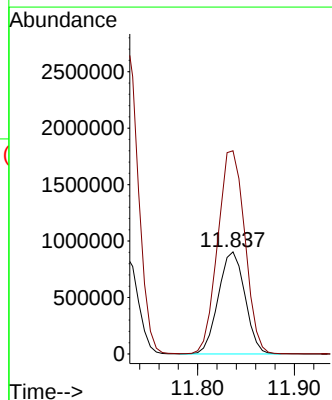
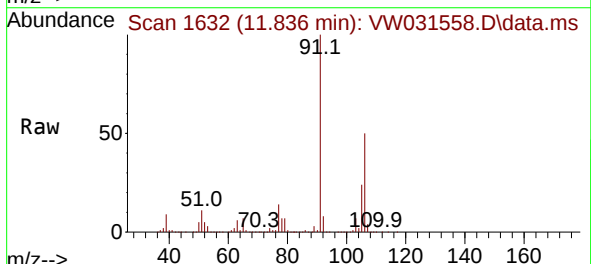
Instrument :
MSVOA_W
ClientSampleId :

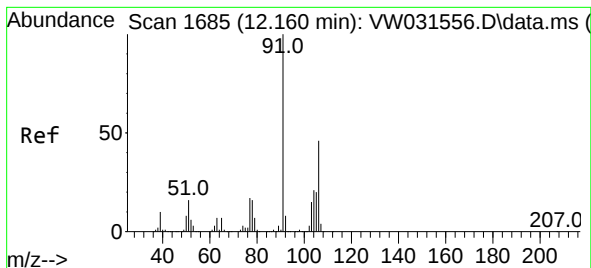
Tgt Ion: 91 Resp: 4511395
Ion Ratio Lower Upper
91 100
106 30.5 22.3 41.3



#53
m,p-Xylene
Concen: 97.711 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW031558.D
Acq: 10 Jan 2025 11:54

Tgt Ion:106 Resp: 1720276
Ion Ratio Lower Upper
106 100
91 199.0 145.9 270.9

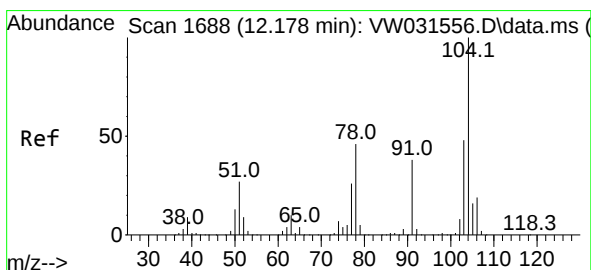
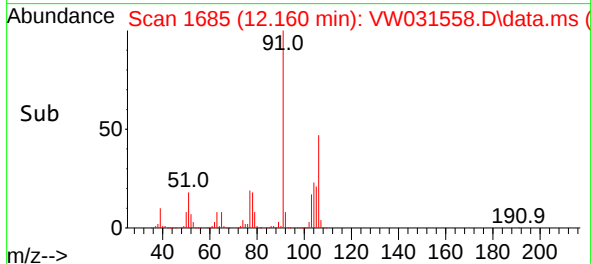
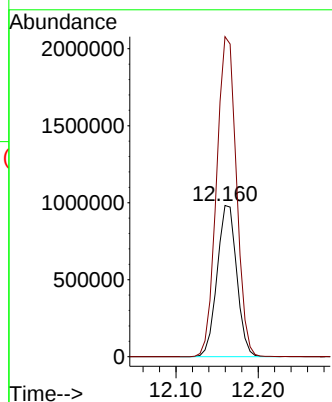
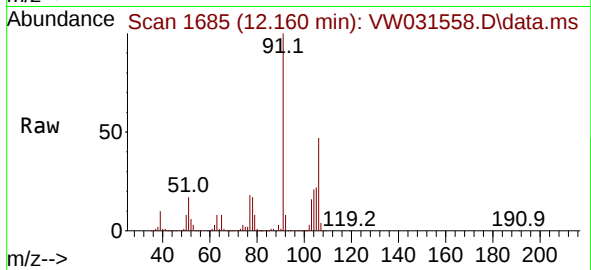




#54
o-Xylene
Concen: 99.717 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031558.D
Acq: 10 Jan 2025 11:54

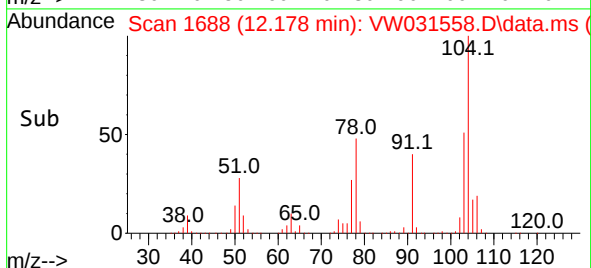
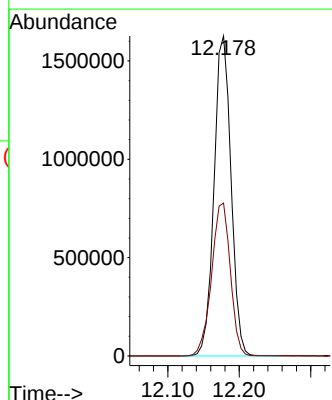
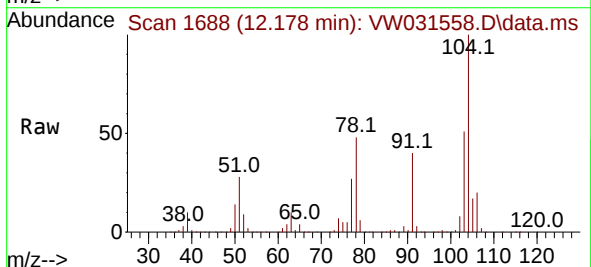
Instrument :
MSVOA_W
ClientSampleId :

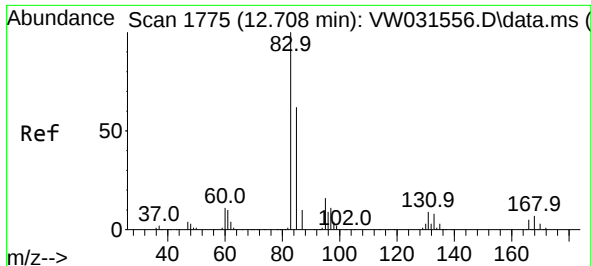
Tgt Ion:106 Resp: 1631557
Ion Ratio Lower Upper
106 100
91 211.6 152.9 284.1



#55
Styrene
Concen: 98.655 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW031558.D
Acq: 10 Jan 2025 11:54

Tgt Ion:104 Resp: 2685934
Ion Ratio Lower Upper
104 100
78 47.8 32.0 59.4





#57

1,1,2-Tetrachloroethane

Concen: 93.876 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031558.D

Acq: 10 Jan 2025 11:54

Instrument :

MSVOA_W

ClientSampleId :

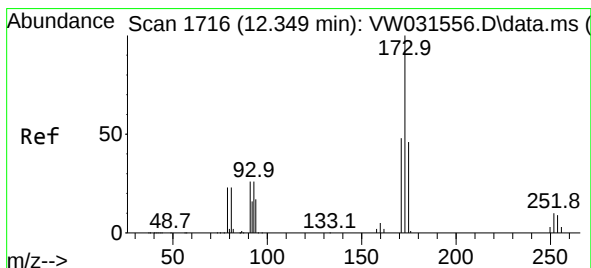
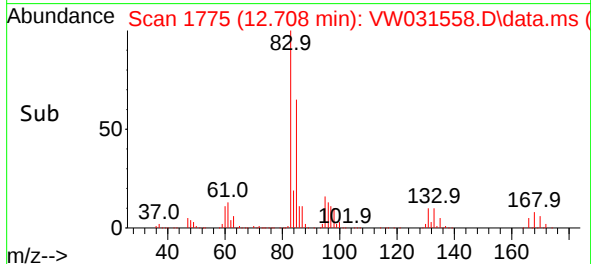
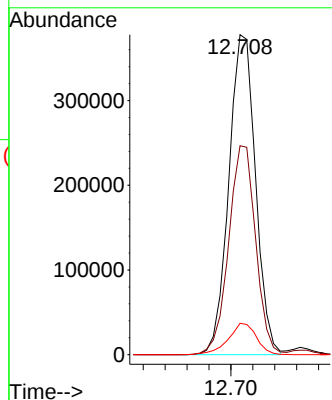
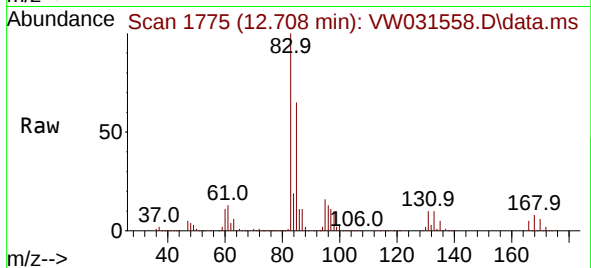
Tgt Ion: 83 Resp: 639767

Ion Ratio Lower Upper

83 100

85 65.3 44.1 81.9

131 9.8 7.4 11.0



#59

Bromoform

Concen: 106.235 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW031558.D

Acq: 10 Jan 2025 11:54

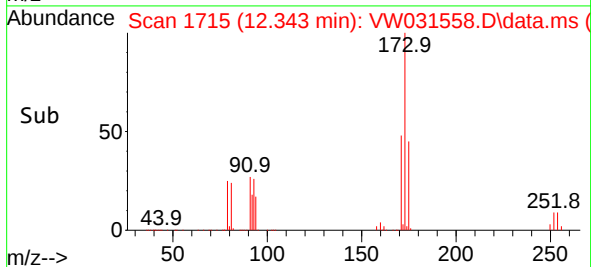
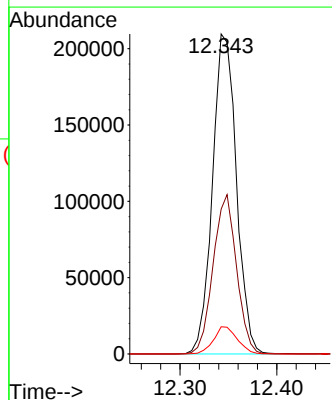
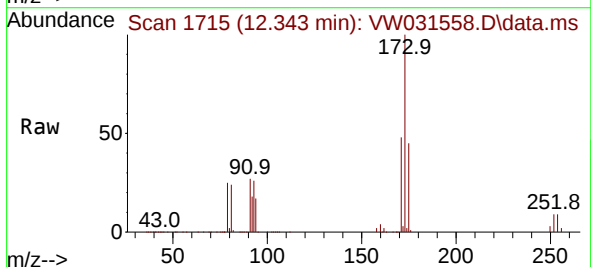
Tgt Ion:173 Resp: 360188

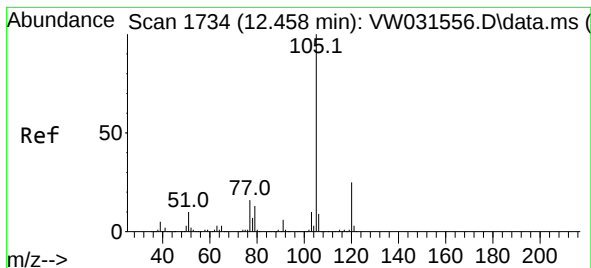
Ion Ratio Lower Upper

173 100

175 48.7 37.7 56.5

254 8.5 7.1 10.7





#60

Isopropylbenzene

Concen: 99.152 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW031558.D

Acq: 10 Jan 2025 11:54

Instrument :

MSVOA_W

ClientSampleId :

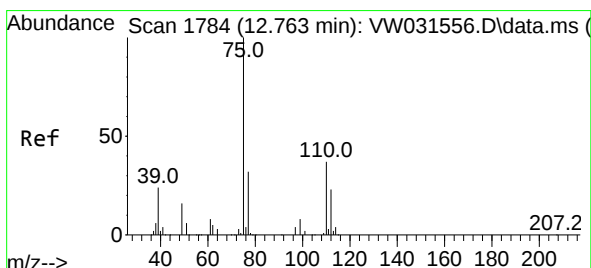
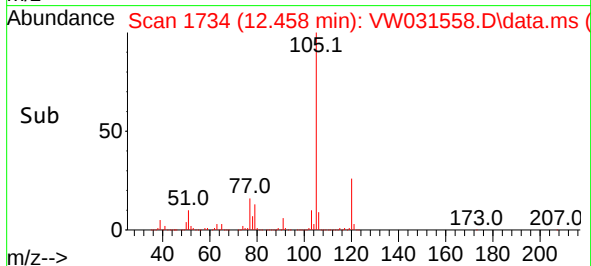
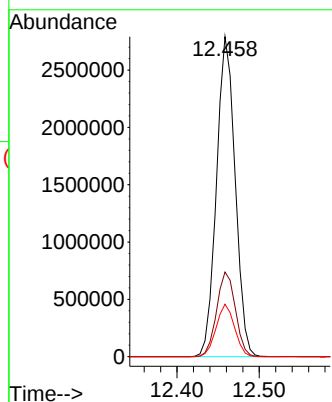
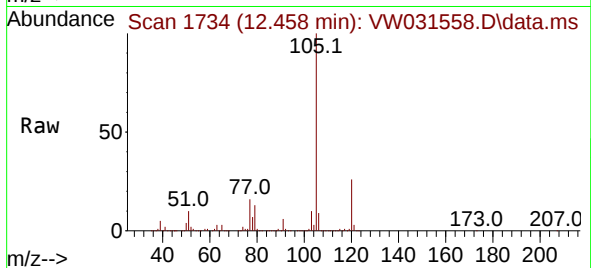
Tgt Ion:105 Resp: 4407316

Ion Ratio Lower Upper

105 100

120 26.6 20.1 30.1

77 16.2 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 99.291 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW031558.D

Acq: 10 Jan 2025 11:54

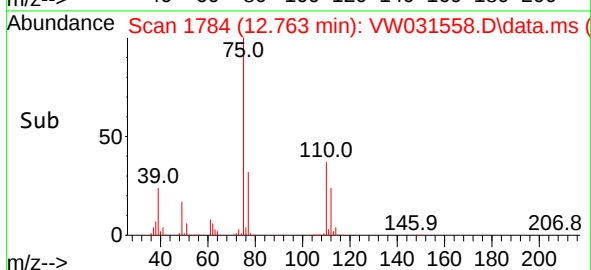
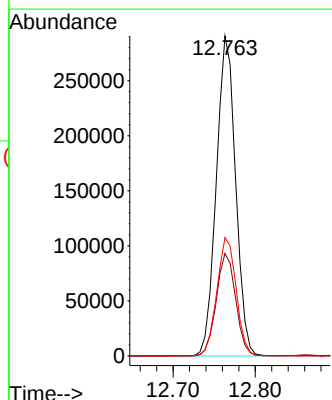
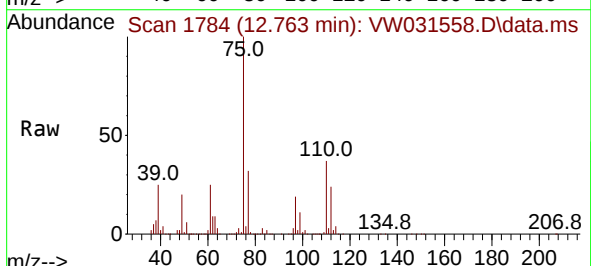
Tgt Ion: 75 Resp: 474437

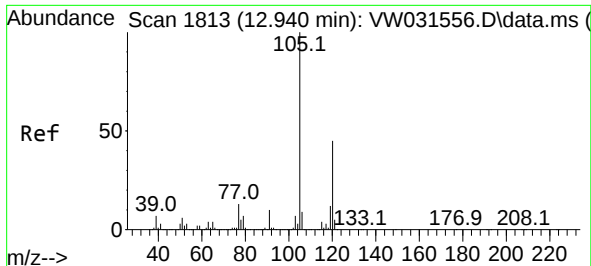
Ion Ratio Lower Upper

75 100

77 32.1 26.2 39.2

110 37.1 29.6 44.4

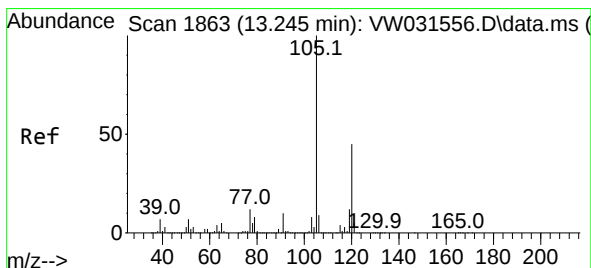
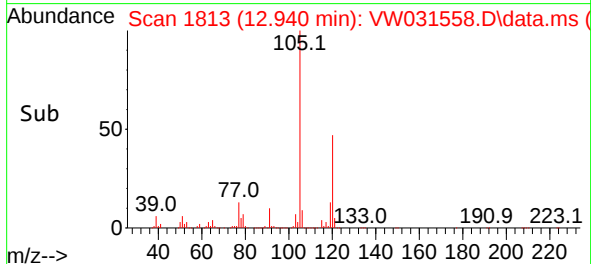
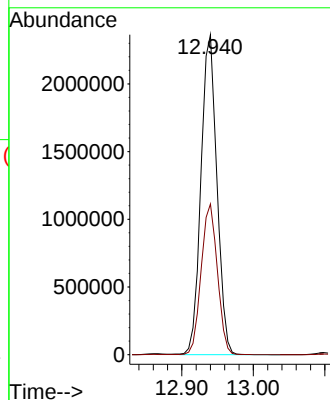
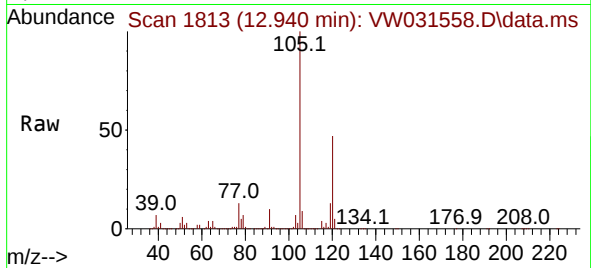




#62
1,3,5-Trimethylbenzene
Concen: 99.772 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW031558.D
Acq: 10 Jan 2025 11:54

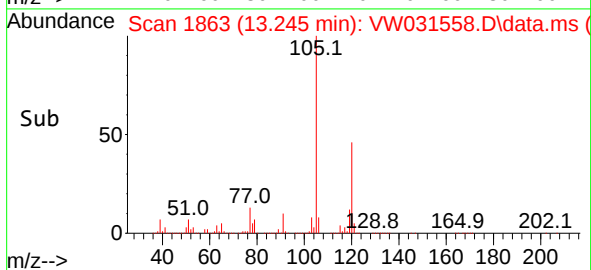
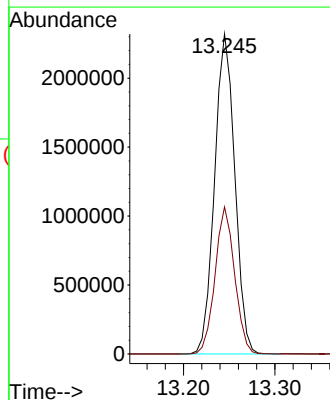
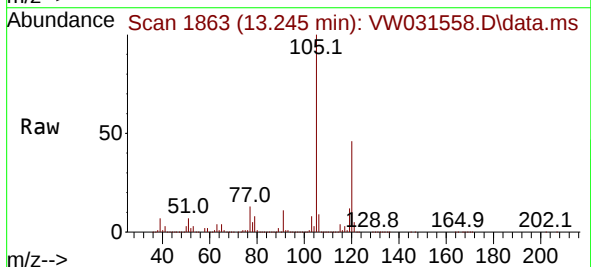
Instrument :
MSVOA_W
ClientSampleId :

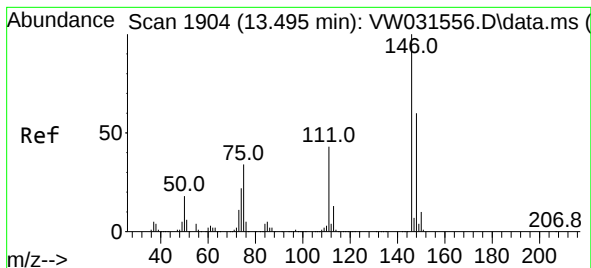
Tgt Ion:105 Resp: 3651703
Ion Ratio Lower Upper
105 100
120 47.8 37.6 56.4



#63
1,2,4-Trimethylbenzene
Concen: 100.202 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031558.D
Acq: 10 Jan 2025 11:54

Tgt Ion:105 Resp: 3569503
Ion Ratio Lower Upper
105 100
120 44.4 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 97.365 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW031558.D

Acq: 10 Jan 2025 11:54

Instrument :

MSVOA_W

ClientSampleId :

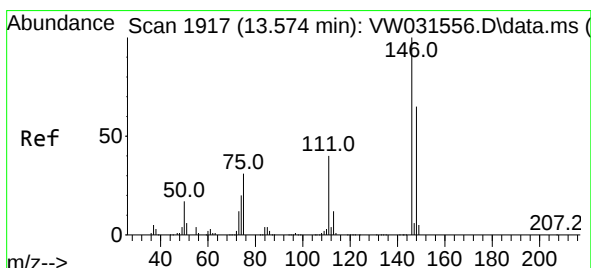
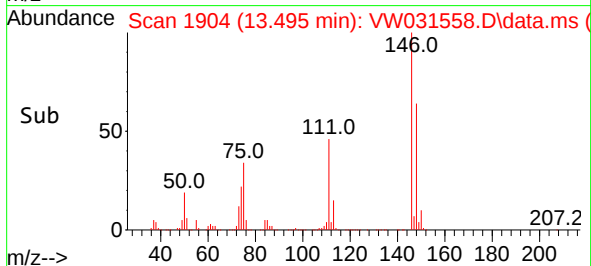
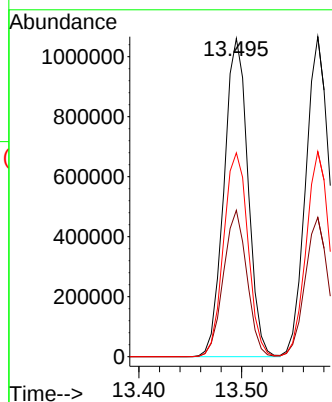
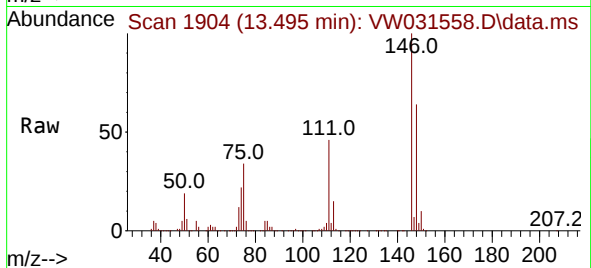
Tgt Ion:146 Resp: 1716520

Ion Ratio Lower Upper

146 100

111 46.0 30.4 56.5

148 64.1 42.1 78.1



#65

1,4-Dichlorobenzene

Concen: 97.668 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW031558.D

Acq: 10 Jan 2025 11:54

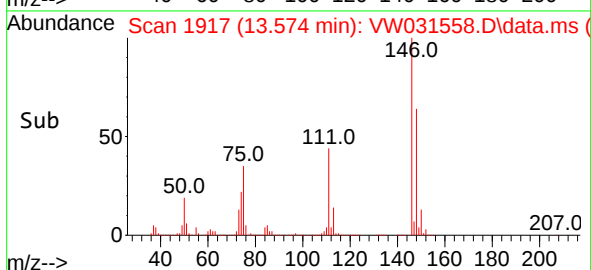
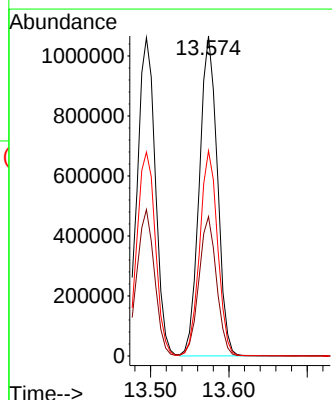
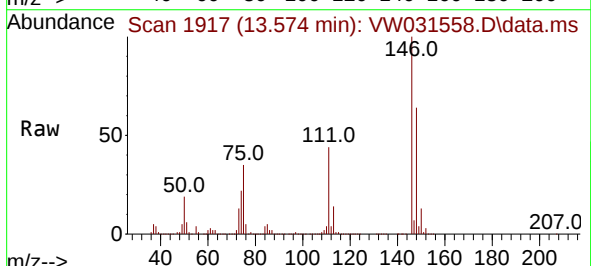
Tgt Ion:146 Resp: 1702966

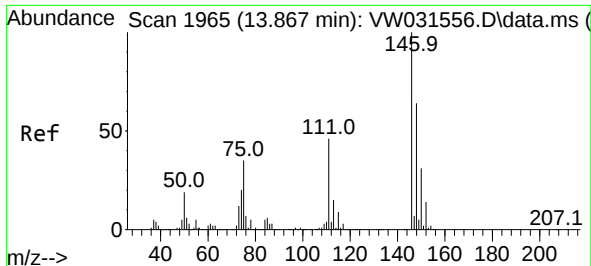
Ion Ratio Lower Upper

146 100

111 43.6 28.5 52.9

148 64.1 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 97.706 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW031558.D

Acq: 10 Jan 2025 11:54

Instrument :

MSVOA_W

ClientSampleId :

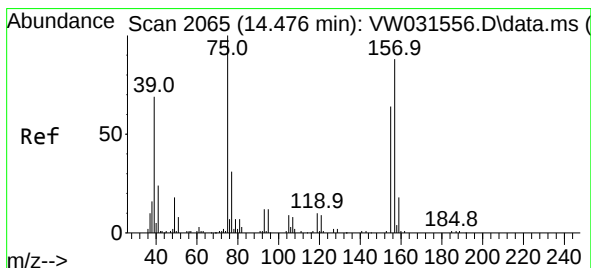
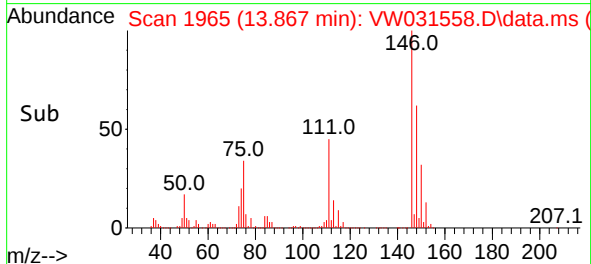
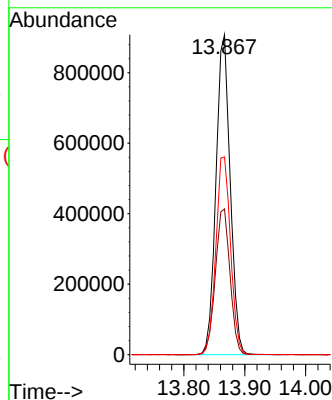
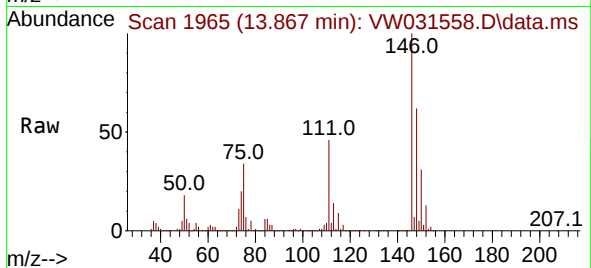
Tgt Ion:146 Resp: 1471004

Ion Ratio Lower Upper

146 100

111 45.5 36.6 55.0

148 61.8 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 102.580 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW031558.D

Acq: 10 Jan 2025 11:54

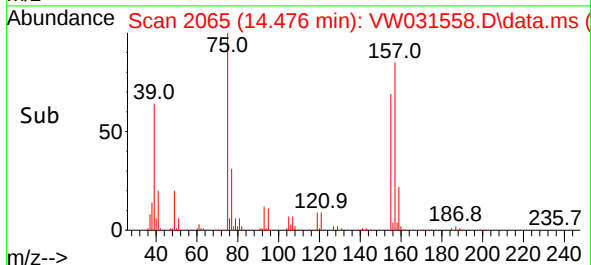
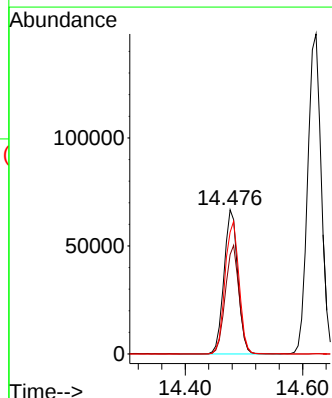
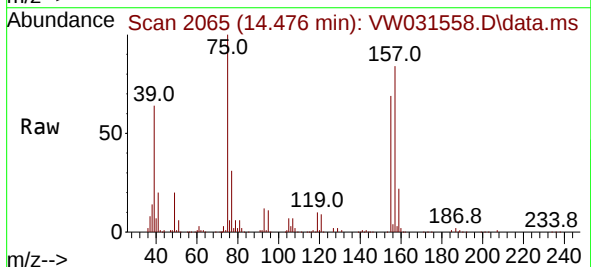
Tgt Ion: 75 Resp: 109583

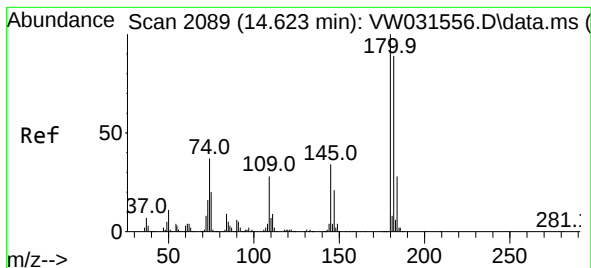
Ion Ratio Lower Upper

75 100

155 68.9 51.0 76.4

157 84.5 70.2 105.2





#69

1,3,5-Trichlorobenzene

Concen: 97.913 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

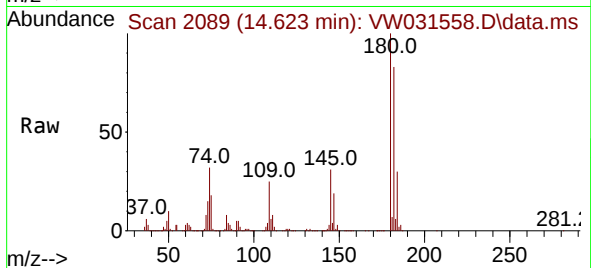
Lab File: VW031558.D

Acq: 10 Jan 2025 11:54

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 1169783

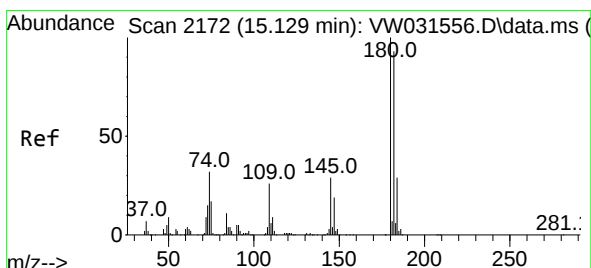
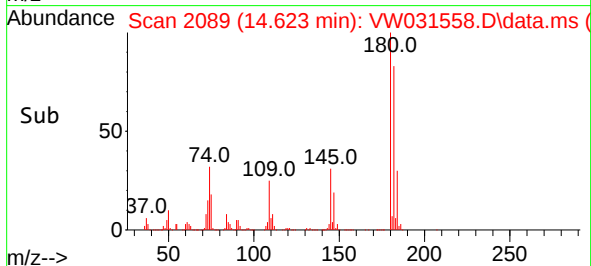
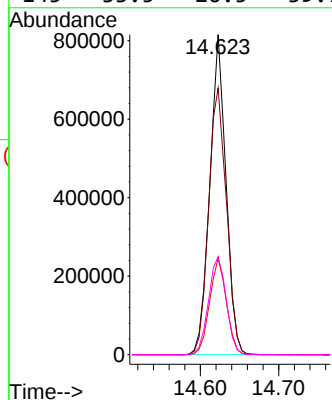
Ion Ratio Lower Upper

180 100

182 91.6 74.2 111.4

184 31.2 23.0 34.4

145 33.5 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 96.712 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW031558.D

Acq: 10 Jan 2025 11:54

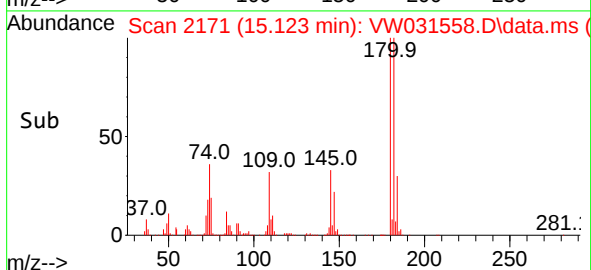
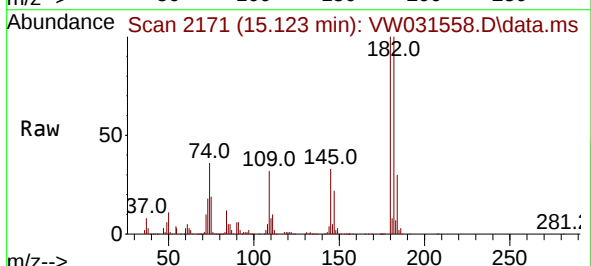
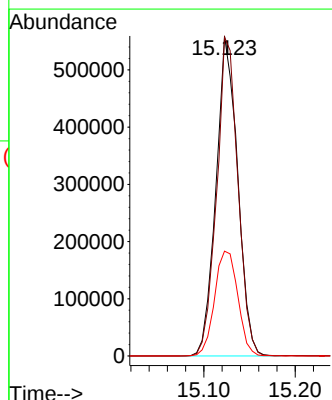
Tgt Ion:180 Resp: 920316

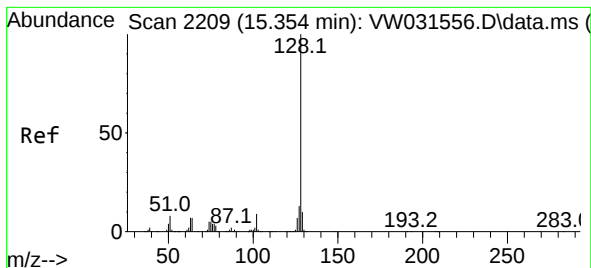
Ion Ratio Lower Upper

180 100

182 97.8 77.7 116.5

145 35.2 26.6 39.8





#71

Naphthalene

Concen: 104.327 ug/L

RT: 15.354 min Scan# 2209

Delta R.T. -0.000 min

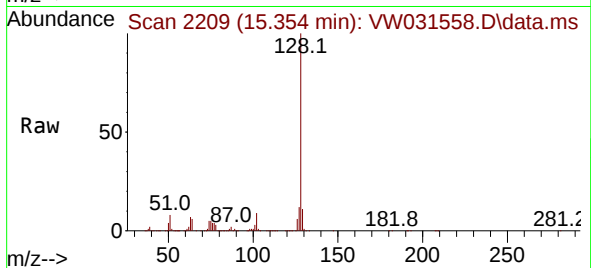
Lab File: VW031558.D

Acq: 10 Jan 2025 11:54

Instrument :

MSVOA_W

ClientSampleId :



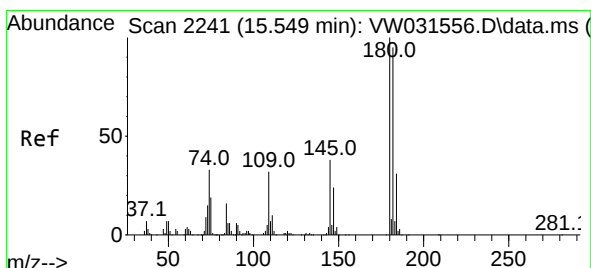
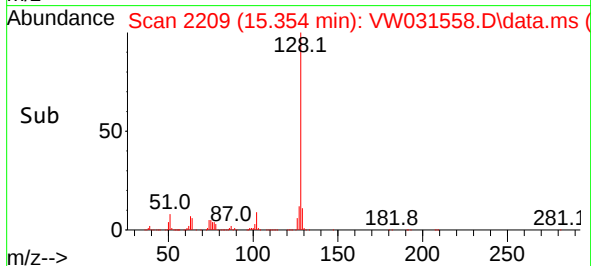
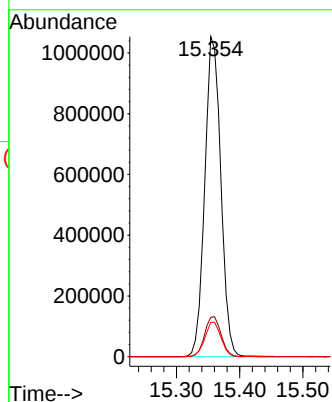
Tgt Ion:128 Resp: 1861564

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 96.451 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW031558.D

Acq: 10 Jan 2025 11:54

Tgt Ion:180 Resp: 773031

Ion Ratio Lower Upper

180 100

182 92.0 76.9 115.3

145 36.5 30.1 45.1

