

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011025\
 Data File : VW031559.D
 Acq On : 10 Jan 2025 12:18
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 11 03:14:35 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	576738	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	498667	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	237732	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	163660	18.084	ug/L	0.00
7) Chloroethane-d5	2.899	69	121079	18.734	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	77552	19.186	ug/L	0.00
21) 2-Butanone-d5	7.106	46	57345	39.821	ug/L	0.00
24) Chloroform-d	7.648	84	296883	19.890	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	154377	21.014	ug/L	0.00
32) Benzene-d6	8.276	84	650990	20.783	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	190625	20.612	ug/L	0.00
41) Toluene-d8	10.319	98	591844	20.931	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	77687	20.456	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	39713	41.569	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	118847	21.014	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	174770	20.960	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	763	0.105	ug/L #	70
3) Chloromethane	2.216	50	1627	0.209	ug/L	83
5) Vinyl chloride	2.369	62	1620	0.163	ug/L #	1
6) Bromomethane	2.790	94	342	0.059	ug/L	93
8) Chloroethane	2.924	64	366	0.063	ug/L	98
9) Trichlorofluoromethane	3.265	101	745	0.076	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.125	101	59	0.008	ug/L #	27
12) 1,1-Dichloroethene	4.015	96	1942	0.253	ug/L #	1
13) Acetone	4.155	43	512	0.478	ug/L	72
14) Carbon disulfide	4.381	76	1607	0.062	ug/L #	84
15) Methyl Acetate	4.692	43	414	0.147	ug/L #	67
16) Methylene chloride	4.929	84	2436	0.310	ug/L	77
17) trans-1,2-Dichloroethene	5.429	96	245	0.030	ug/L	82
18) Methyl tert-butyl Ether	5.435	73	387	0.029	ug/L #	56
19) 1,1-Dichloroethane	6.222	63	395	0.025	ug/L	90
20) cis-1,2-Dichloroethene	7.179	96	870	0.099	ug/L #	13
22) 2-Butanone	7.167	43	1387	0.745	ug/L	94
23) Bromochloromethane	7.514	128	241	0.070	ug/L #	61
25) Chloroform	7.655	83	2220	0.151	ug/L #	1
27) 1,2-Dichloroethane	8.410	62	1496	0.165	ug/L #	75
29) Cyclohexane	7.953	56	1049	0.066	ug/L #	77
30) 1,1,1-Trichloroethane	7.880	97	566	0.044	ug/L #	70
31) Carbon tetrachloride	8.063	117	995	0.087	ug/L	91
33) Benzene	8.331	78	3380	0.099	ug/L	100
34) Trichloroethene	9.093	95	925	0.101	ug/L	81
35) Methylcyclohexane	9.331	83	2258	0.137	ug/L	96
37) 1,2-Dichloropropane	9.368	63	769	0.090	ug/L #	86
38) Bromodichloromethane	9.648	83	1037	0.100	ug/L #	92
39) cis-1,3-Dichloropropene	10.075	75	1758	0.130	ug/L	94
40) 4-Methyl-2-pentanone	10.215	43	6149	1.436	ug/L	96
42) Toluene	10.386	91	4532	0.127	ug/L	85
44) trans-1,3-Dichloropropene	10.703	75	1250	0.116	ug/L	83

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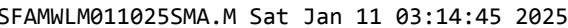
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 Quant Title : SFAM01.0
 QLast Update : Sat Jan 11 03:10:14 2025
 Response via : Initial Calibration

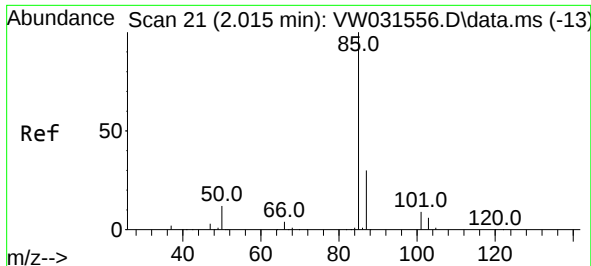
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.794	97	747	0.136	ug/L	80
46) Tetrachloroethene	10.861	164	785	0.119	ug/L	82
48) 2-Hexanone	10.965	43	188	0.072	ug/L #	1
49) Dibromochloromethane	11.123	129	674	0.111	ug/L	94
50) 1,2-Dibromoethane	11.233	107	1175	0.231	ug/L #	91
51) Chlorobenzene	11.660	112	4269	0.194	ug/L	93
52) Ethylbenzene	11.727	91	5702	0.139	ug/L	94
53) m,p-Xylene	11.837	106	2606	0.167	ug/L	94
54) o-Xylene	12.166	106	2091	0.144	ug/L	98
55) Styrene	12.178	104	4810	0.199	ug/L	85
57) 1,1,2,2-Tetrachloroethane	12.708	83	1748	0.289	ug/L #	77
59) Bromoform	12.343	173	547	0.173	ug/L #	87
60) Isopropylbenzene	12.459	105	7776	0.187	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	1173	0.263	ug/L #	87
62) 1,3,5-Trimethylbenzene	12.940	105	9877	0.289	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	10226	0.307	ug/L	97
64) 1,3-Dichlorobenzene	13.501	146	6281	0.381	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	7778	0.477	ug/L	95
67) 1,2-Dichlorobenzene	13.861	146	6872	0.489	ug/L #	69
68) 1,2-Dibromo-3-chloropr...	14.483	75	1513	1.516	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.623	180	15747	1.411	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	19635	2.208	ug/L	100
71) Naphthalene	15.360	128	48210	2.892	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	27890	3.725	ug/L	99

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

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Quant Title : SFAM01.0
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Response via : Initial Calibration

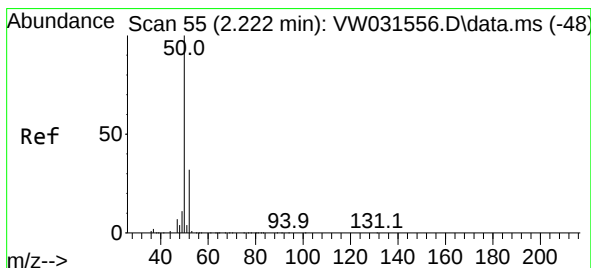
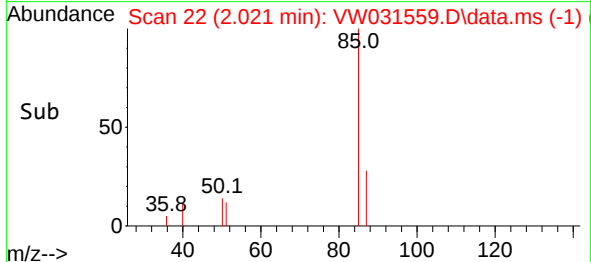
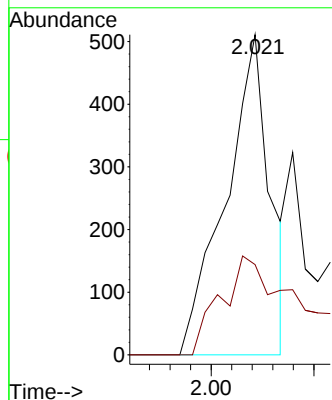
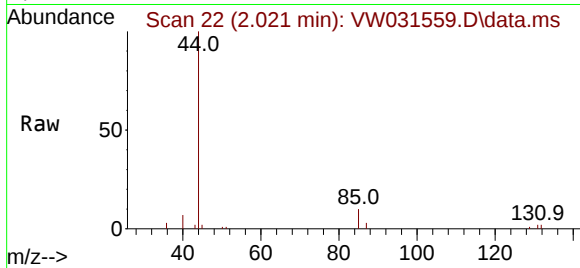




#2
 Dichlorodifluoromethane
 Concen: 0.105 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW031559.D
 Acq: 10 Jan 2025 12:18

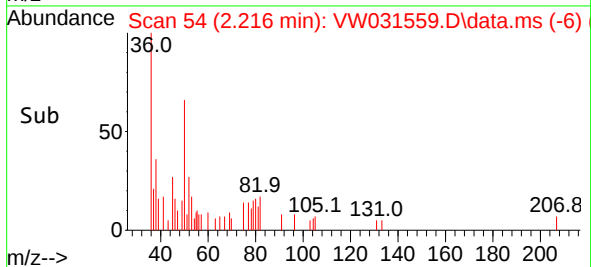
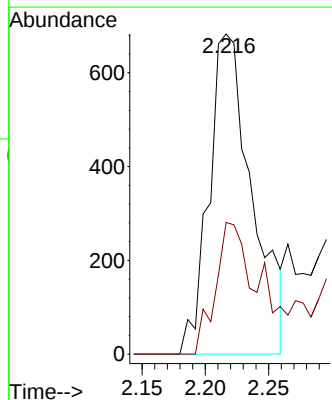
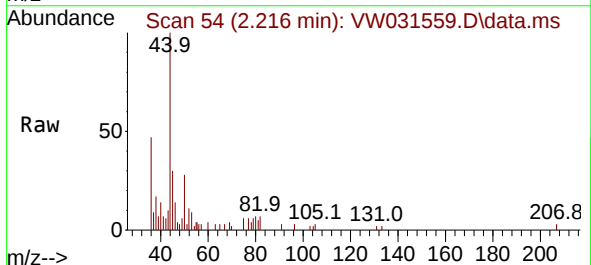
Instrument :
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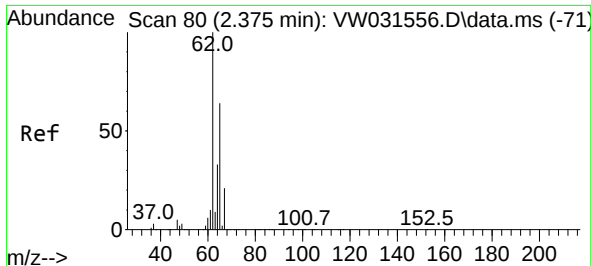
Tgt Ion: 85 Resp: 763
 Ion Ratio Lower Upper
 85 100
 87 14.8 25.0 37.4#



#3
 Chloromethane
 Concen: 0.209 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.006 min
 Lab File: VW031559.D
 Acq: 10 Jan 2025 12:18

Tgt Ion: 50 Resp: 1627
 Ion Ratio Lower Upper
 50 100
 52 41.1 22.3 41.3

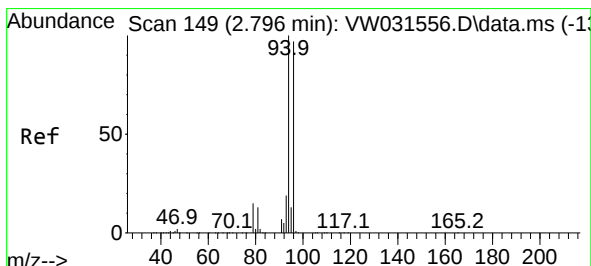
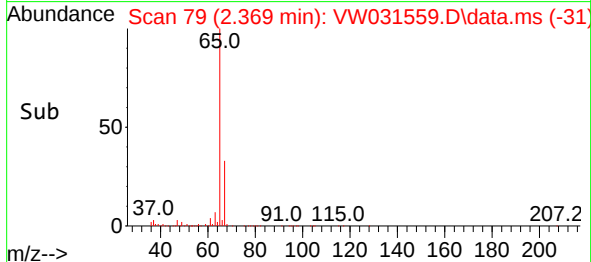
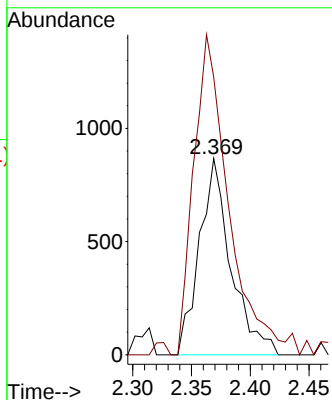
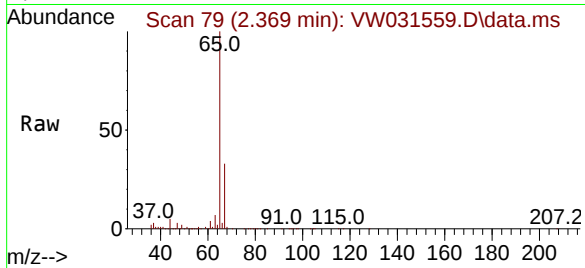




#5
 Vinyl chloride
 Concen: 0.163 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW031559.D
 Acq: 10 Jan 2025 12:18

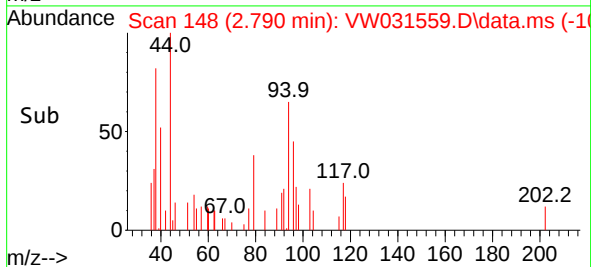
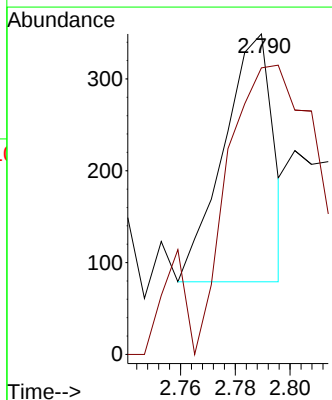
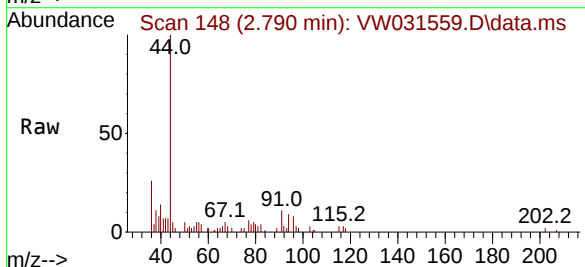
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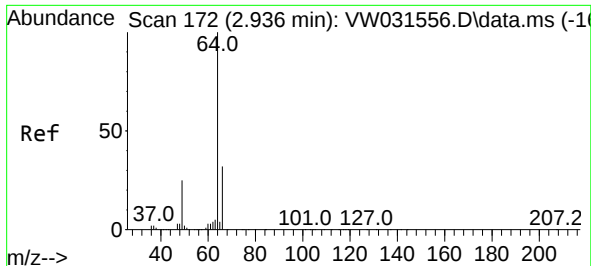
Tgt Ion: 62 Resp: 1620
 Ion Ratio Lower Upper
 62 100
 64 141.4 22.7 42.3#



#6
 Bromomethane
 Concen: 0.059 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW031559.D
 Acq: 10 Jan 2025 12:18

Tgt Ion: 94 Resp: 342
 Ion Ratio Lower Upper
 94 100
 96 89.4 67.6 125.6

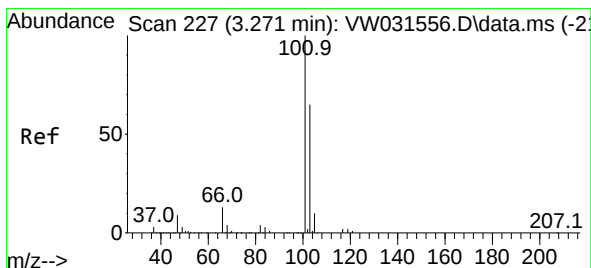
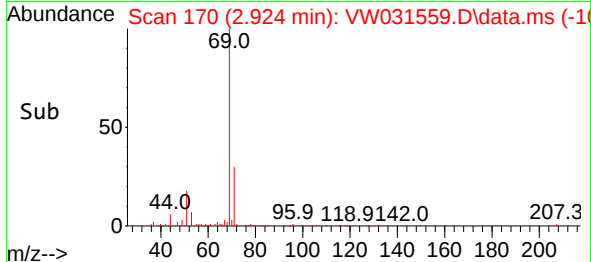
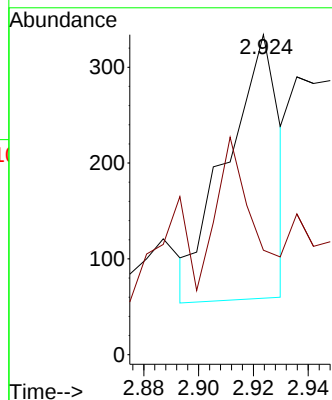
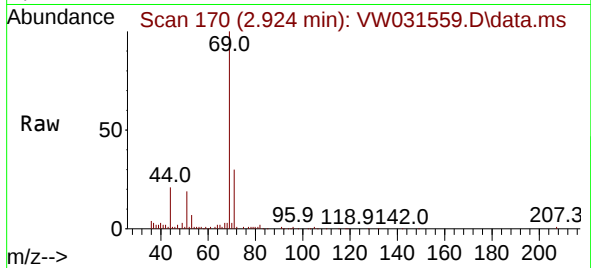




#8
Chloroethane
Concen: 0.063 ug/L
RT: 2.924 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW031559.D
Acq: 10 Jan 2025 12:18

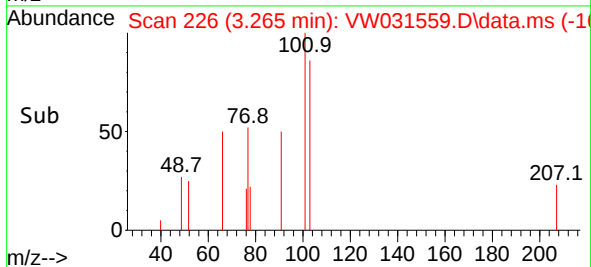
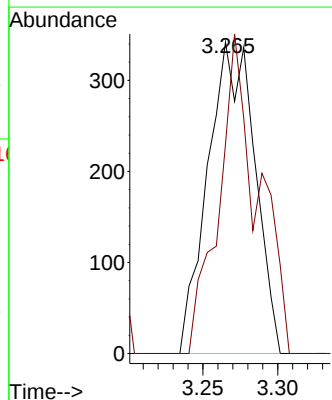
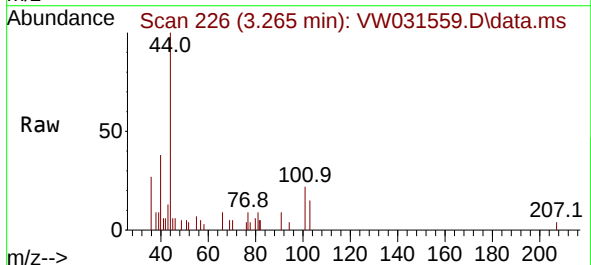
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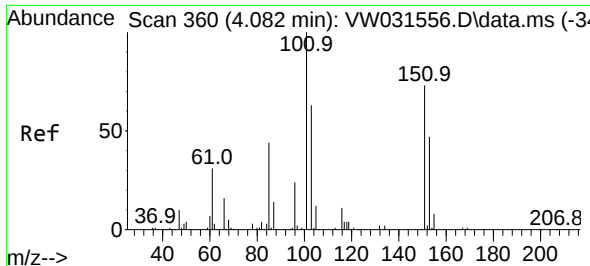
Tgt Ion: 64 Resp: 366
Ion Ratio Lower Upper
64 100
66 32.6 22.3 41.3



#9
Trichlorofluoromethane
Concen: 0.076 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW031559.D
Acq: 10 Jan 2025 12:18

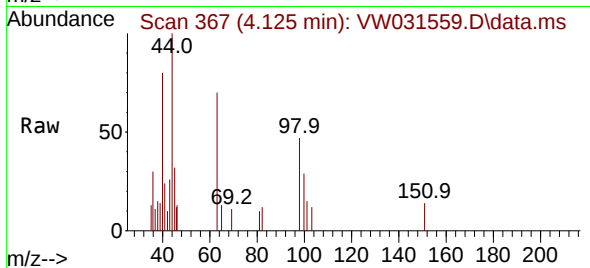
Tgt Ion: 101 Resp: 745
Ion Ratio Lower Upper
101 100
103 63.1 51.4 77.2



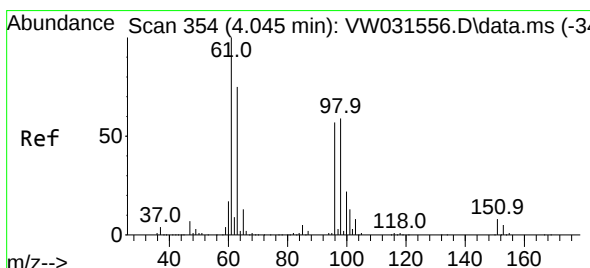
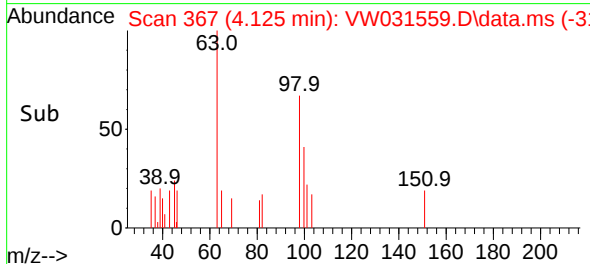
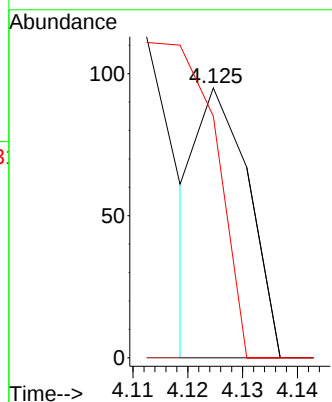


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.008 ug/L
 RT: 4.125 min Scan# 3
 Delta R.T. 0.043 min
 Lab File: VW031559.D
 Acq: 10 Jan 2025 12:18

Instrument :
 MSVOA_W
 ClientSampleId :

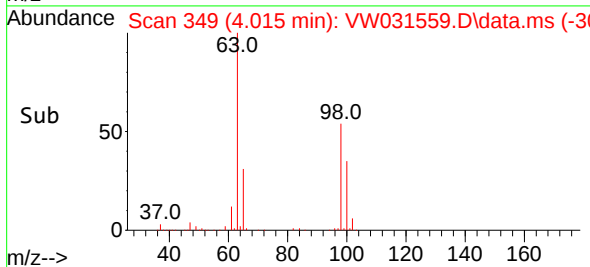
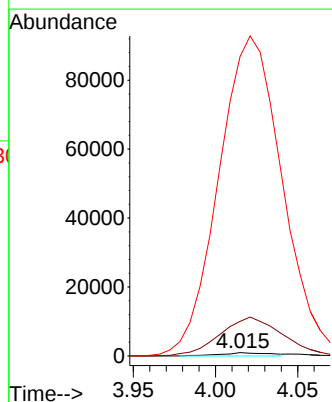
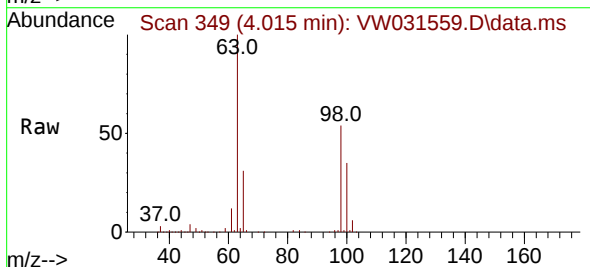


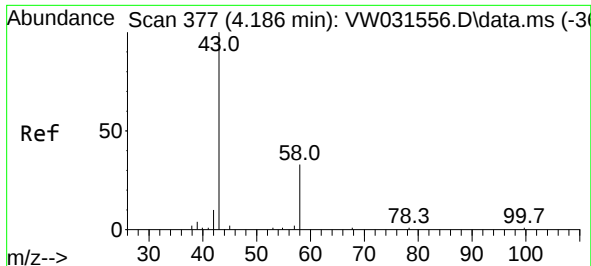
Tgt Ion:101 Resp: 59
 Ion Ratio Lower Upper
 101 100
 85 81.4 36.1 54.1#
 151 140.7 56.9 85.3#



#12
 1,1-Dichloroethene
 Concen: 0.253 ug/L
 RT: 4.015 min Scan# 349
 Delta R.T. -0.030 min
 Lab File: VW031559.D
 Acq: 10 Jan 2025 12:18

Tgt Ion: 96 Resp: 1942
 Ion Ratio Lower Upper
 96 100
 61 1026.4 123.8 230.0#
 63 8890.9 94.1 174.8#

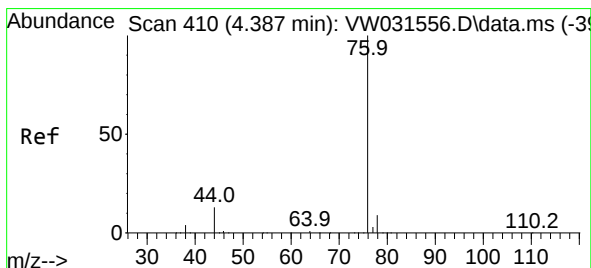
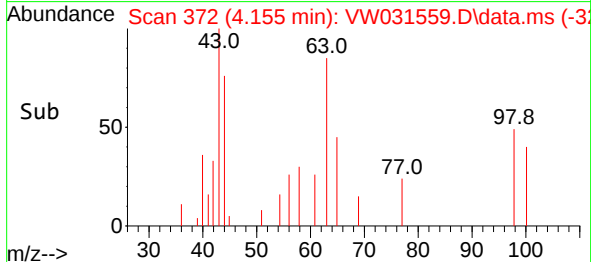
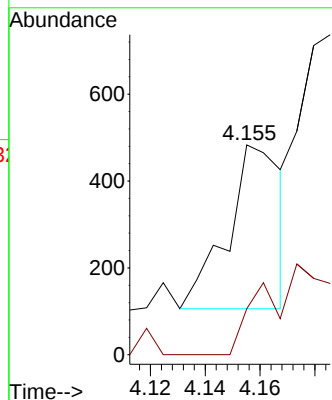
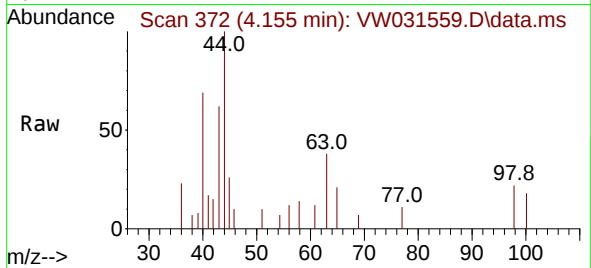




#13
Acetone
Concen: 0.478 ug/L
RT: 4.155 min Scan# 31
Delta R.T. -0.030 min
Lab File: VW031559.D
Acq: 10 Jan 2025 12:18

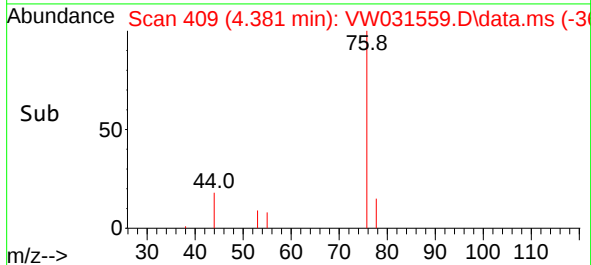
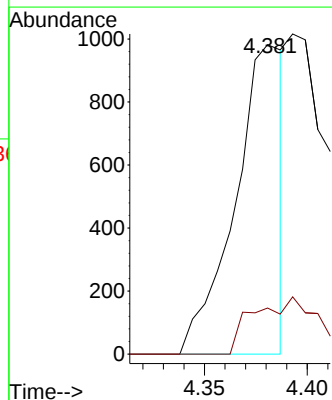
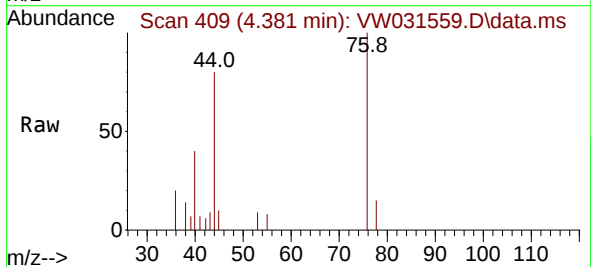
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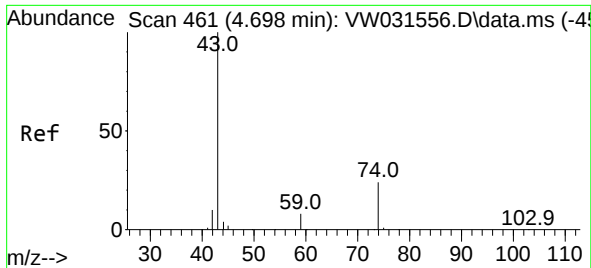
Tgt Ion: 43 Resp: 512
Ion Ratio Lower Upper
43 100
58 25.4 0.0 28.2



#14
Carbon disulfide
Concen: 0.062 ug/L
RT: 4.381 min Scan# 409
Delta R.T. -0.006 min
Lab File: VW031559.D
Acq: 10 Jan 2025 12:18

Tgt Ion: 76 Resp: 1607
Ion Ratio Lower Upper
76 100
78 14.9 7.3 10.9#

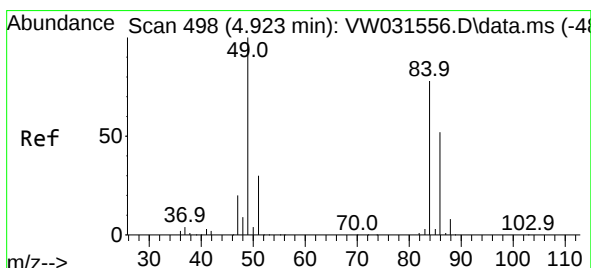
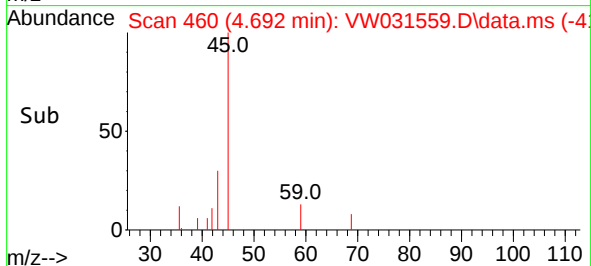
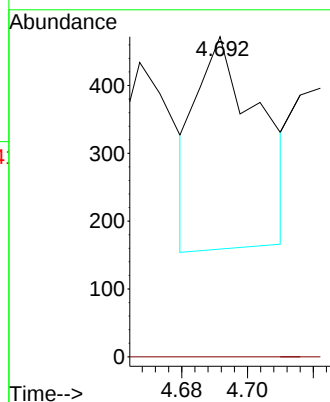
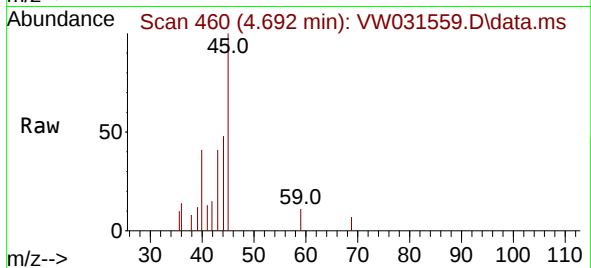




#15
Methyl Acetate
Concen: 0.147 ug/L
RT: 4.692 min Scan# 460
Delta R.T. -0.006 min
Lab File: VW031559.D
Acq: 10 Jan 2025 12:18

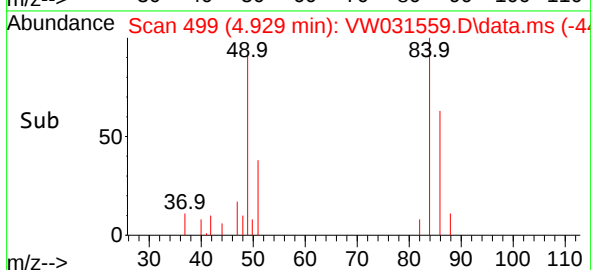
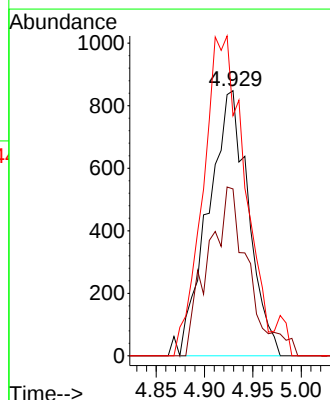
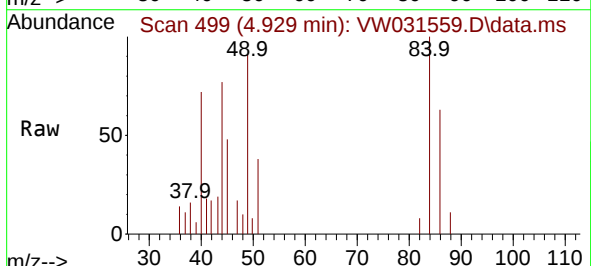
Instrument :
MSVOA_W
ClientSampleId :

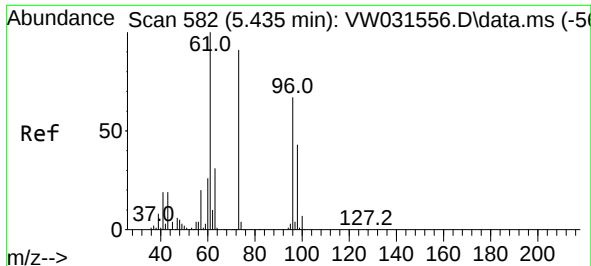
Tgt Ion: 43 Resp: 414
Ion Ratio Lower Upper
43 100
74 0.0 10.6 15.8#



#16
Methylene chloride
Concen: 0.310 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.006 min
Lab File: VW031559.D
Acq: 10 Jan 2025 12:18

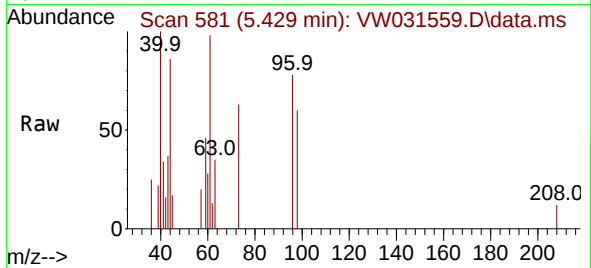
Tgt Ion: 84 Resp: 2436
Ion Ratio Lower Upper
84 100
86 63.0 47.0 87.2
49 90.6 89.8 166.8



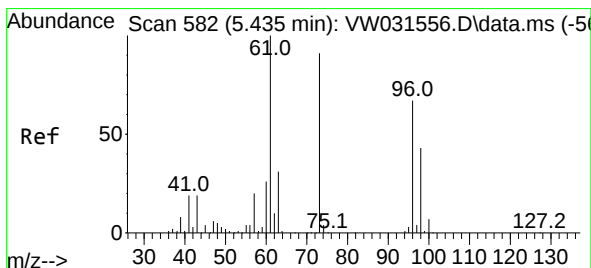
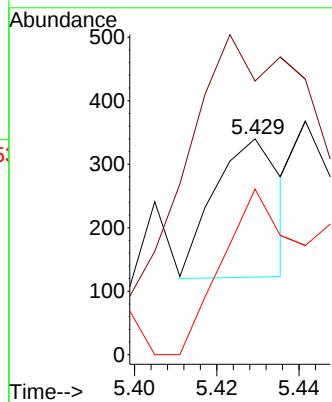
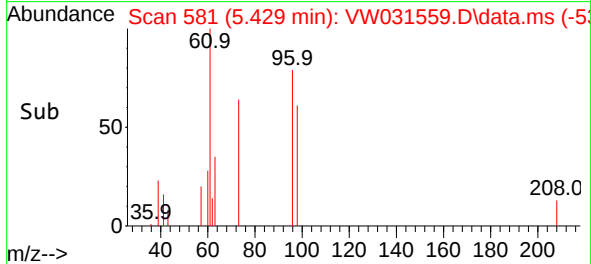


#17
trans-1,2-Dichloroethene
Concen: 0.030 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW031559.D
Acq: 10 Jan 2025 12:18

Instrument :
MSVOA_W
ClientSampleId :

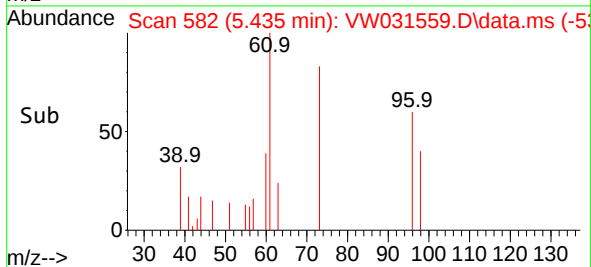
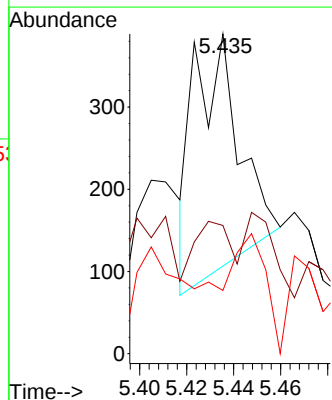
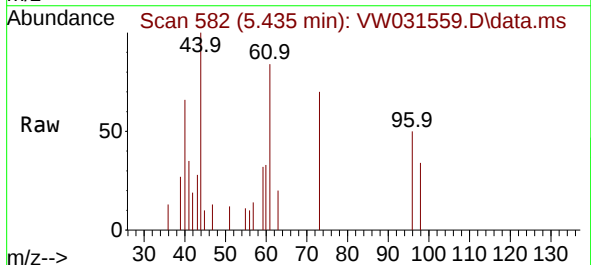


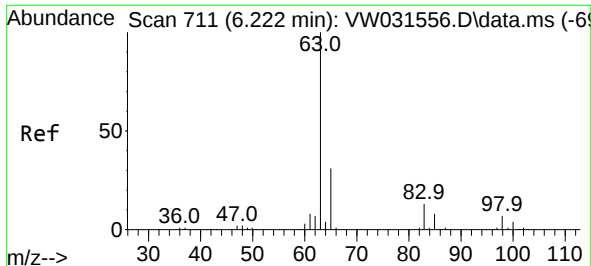
Tgt Ion: 96 Resp: 245
Ion Ratio Lower Upper
96 100
61 126.8 105.1 195.1
98 76.8 44.9 83.3



#18
Methyl tert-butyl Ether
Concen: 0.029 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.000 min
Lab File: VW031559.D
Acq: 10 Jan 2025 12:18

Tgt Ion: 73 Resp: 387
Ion Ratio Lower Upper
73 100
43 39.0 16.4 24.6#
57 0.0 18.2 27.2#





#19

1,1-Dichloroethane

Concen: 0.025 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW031559.D

Acq: 10 Jan 2025 12:18

Instrument :

MSVOA_W

ClientSampleId :

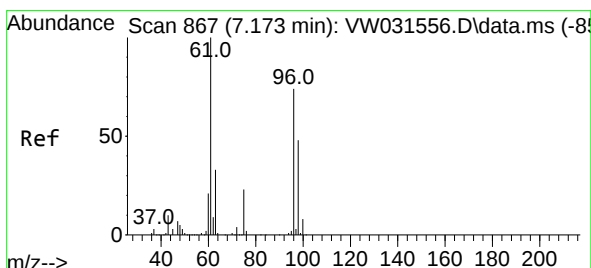
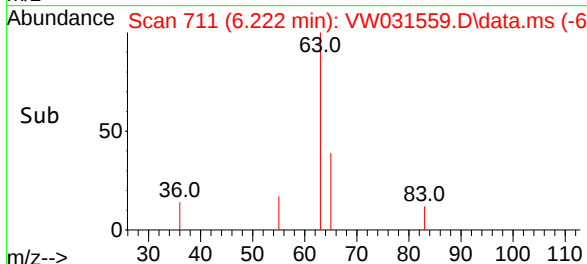
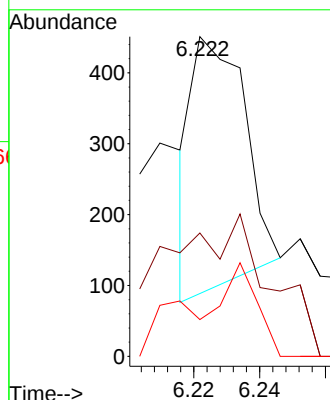
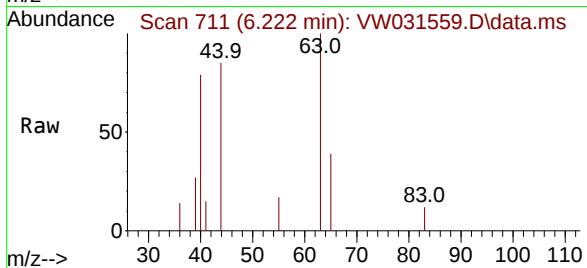
Tgt Ion: 63 Resp: 395

Ion Ratio Lower Upper

63 100

65 38.6 22.0 41.0

83 11.5 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 0.099 ug/L

RT: 7.179 min Scan# 868

Delta R.T. 0.006 min

Lab File: VW031559.D

Acq: 10 Jan 2025 12:18

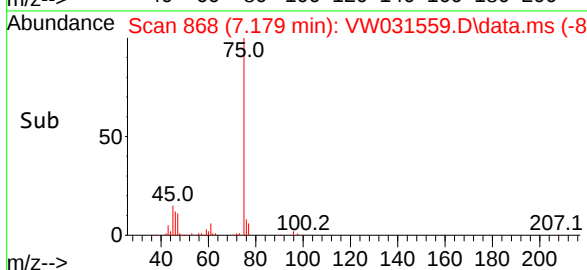
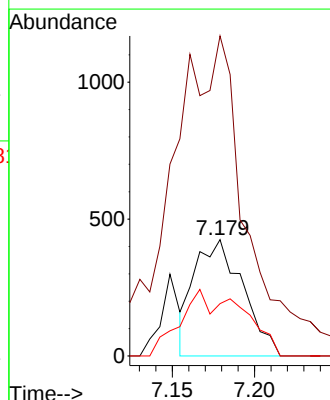
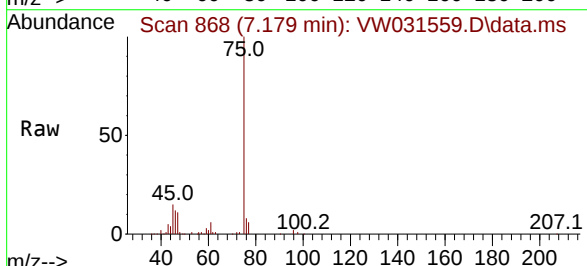
Tgt Ion: 96 Resp: 870

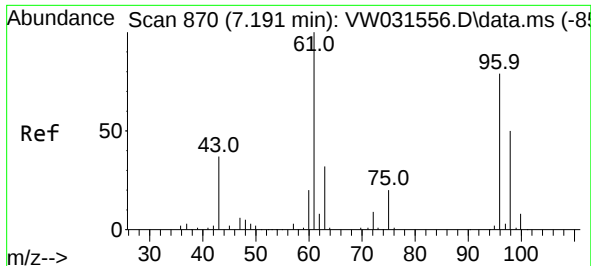
Ion Ratio Lower Upper

96 100

61 275.1 94.8 176.2#

98 44.9 45.6 84.8#





#22

2-Butanone

Concen: 0.745 ug/L

RT: 7.167 min Scan# 8

Delta R.T. -0.024 min

Lab File: VW031559.D

Acq: 10 Jan 2025 12:18

Instrument :

MSVOA_W

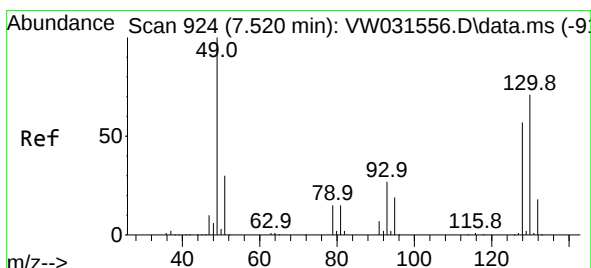
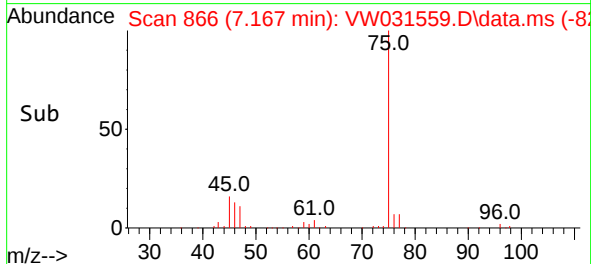
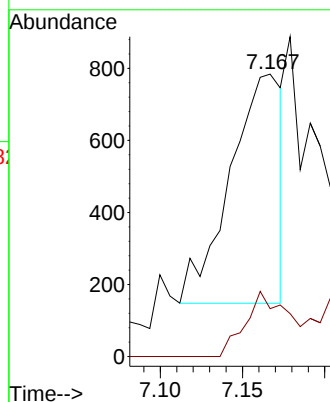
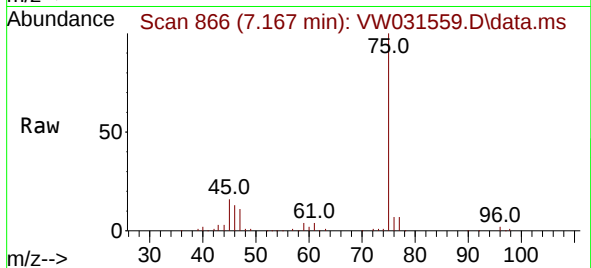
ClientSampleId :

Tgt Ion: 43 Resp: 1387

Ion Ratio Lower Upper

43 100

72 23.4 13.2 39.5



#23

Bromochloromethane

Concen: 0.070 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.006 min

Lab File: VW031559.D

Acq: 10 Jan 2025 12:18

Tgt Ion: 128 Resp: 241

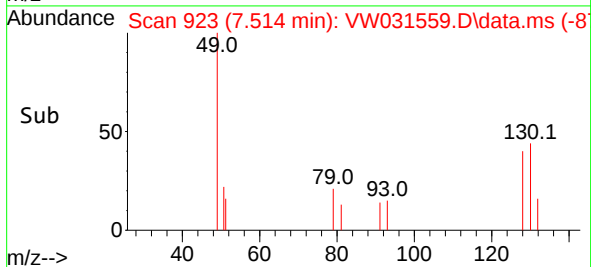
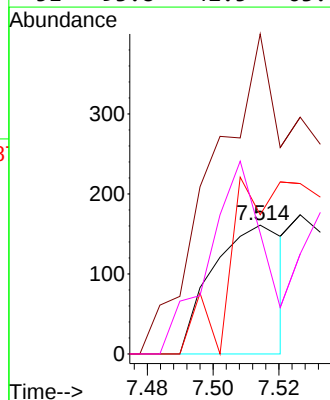
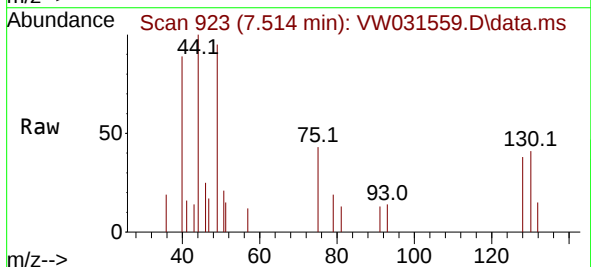
Ion Ratio Lower Upper

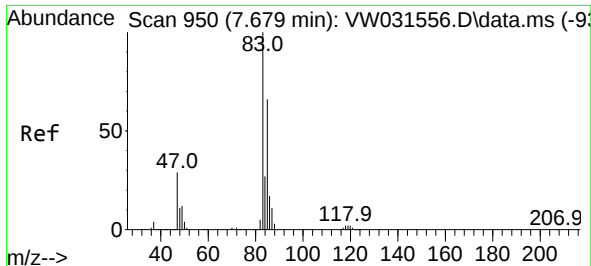
128 100

49 248.4 123.9 230.1#

130 108.1 88.1 163.7

51 93.8 42.5 63.7#

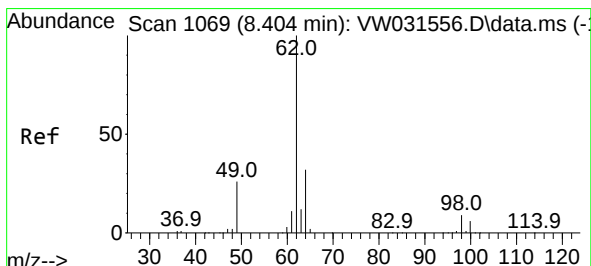
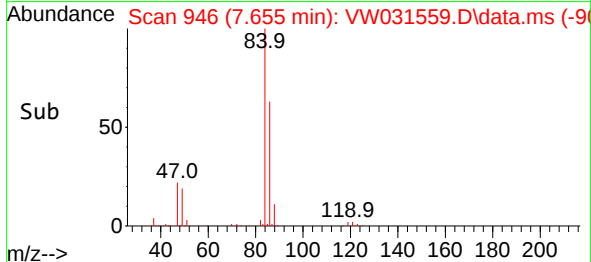
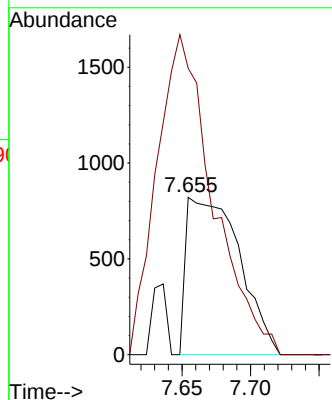
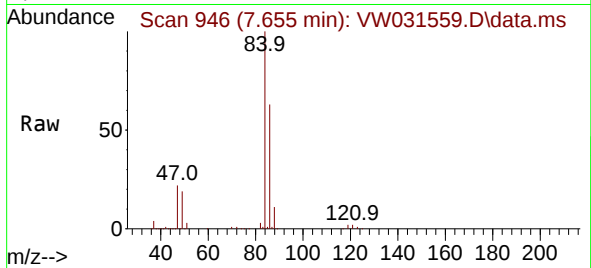




#25
Chloroform
Concen: 0.151 ug/L
RT: 7.655 min Scan# 946
Delta R.T. -0.024 min
Lab File: VW031559.D
Acq: 10 Jan 2025 12:18

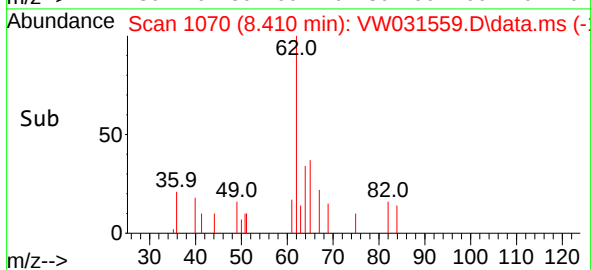
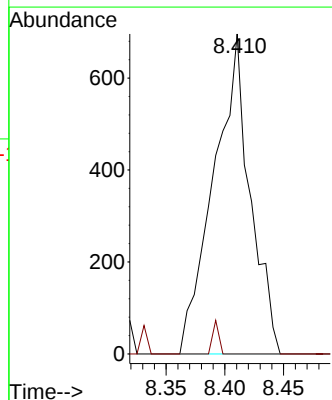
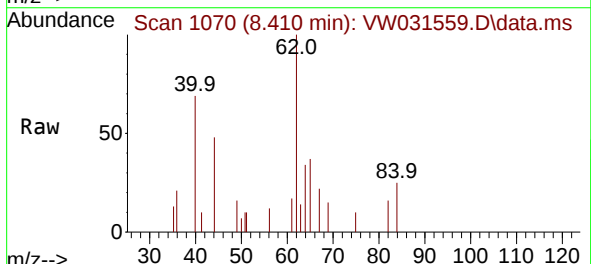
Instrument :
MSVOA_W
ClientSampleId :

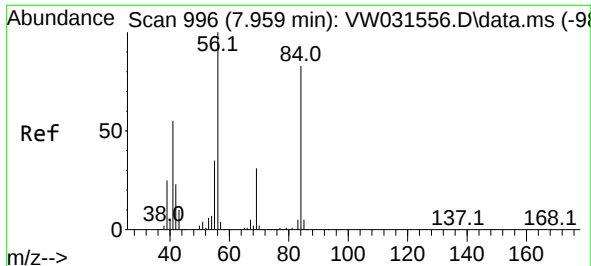
Tgt Ion: 83 Resp: 2220
Ion Ratio Lower Upper
83 100
85 182.1 46.2 85.8#



#27
1,2-Dichloroethane
Concen: 0.165 ug/L
RT: 8.410 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VW031559.D
Acq: 10 Jan 2025 12:18

Tgt Ion: 62 Resp: 1496
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#





#29

Cyclohexane

Concen: 0.066 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW031559.D

Acq: 10 Jan 2025 12:18

Instrument :

MSVOA_W

ClientSampleId :

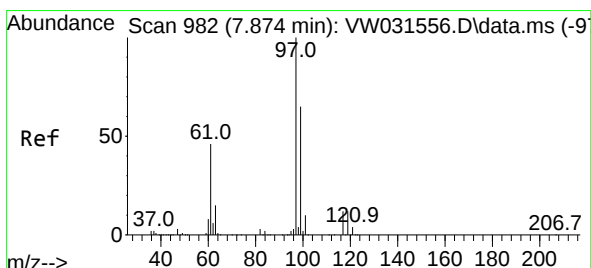
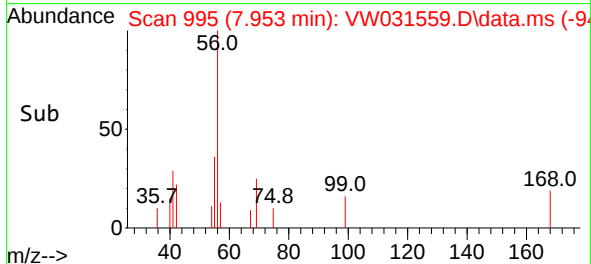
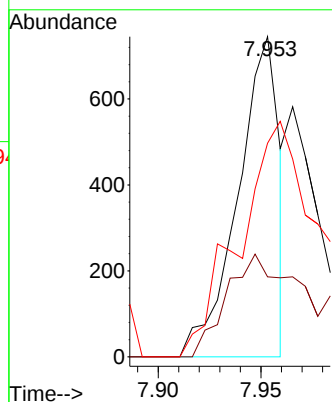
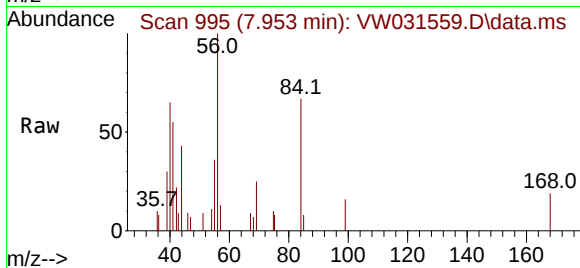
Tgt Ion: 56 Resp: 1049

Ion Ratio Lower Upper

56 100

69 38.9 25.2 37.8#

84 106.7 66.3 99.5#



#30

1,1,1-Trichloroethane

Concen: 0.044 ug/L

RT: 7.880 min Scan# 983

Delta R.T. 0.006 min

Lab File: VW031559.D

Acq: 10 Jan 2025 12:18

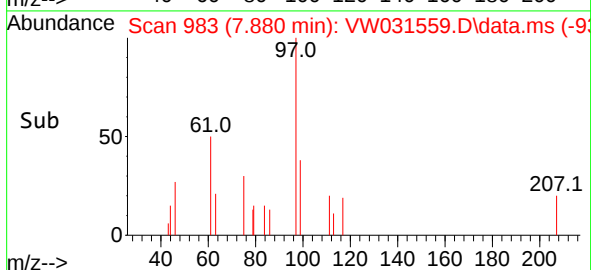
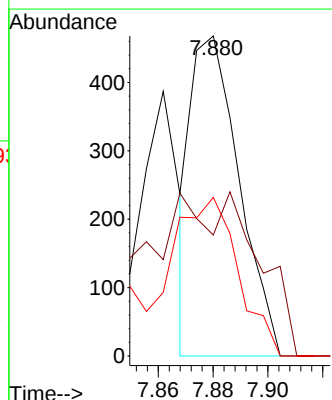
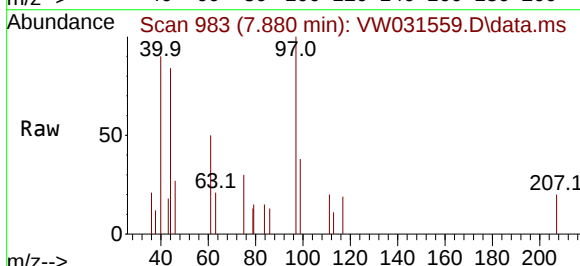
Tgt Ion: 97 Resp: 566

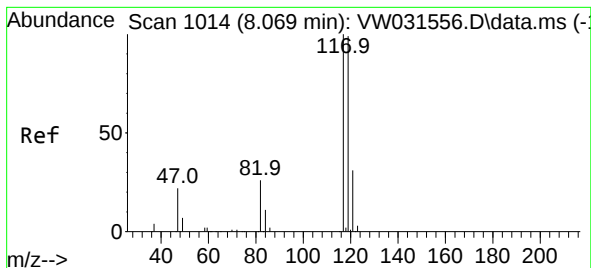
Ion Ratio Lower Upper

97 100

99 42.8 52.2 78.4#

61 66.8 36.9 55.3#





#31

Carbon tetrachloride

Concen: 0.087 ug/L

RT: 8.063 min Scan# 1013

Delta R.T. -0.006 min

Lab File: VW031559.D

Acq: 10 Jan 2025 12:18

Instrument :

MSVOA_W

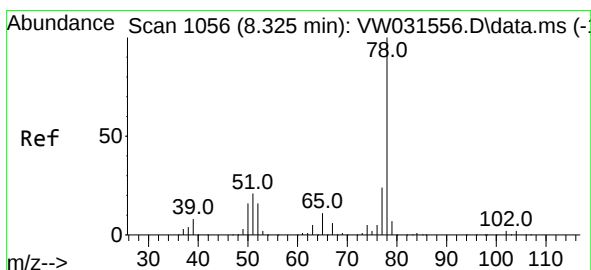
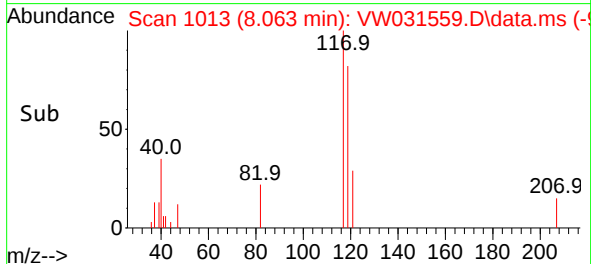
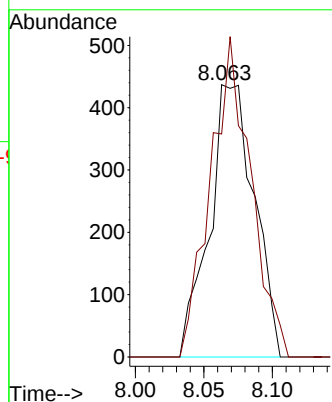
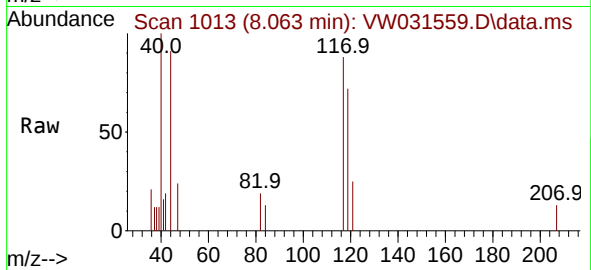
ClientSampleId :

Tgt Ion:117 Resp: 995

Ion Ratio Lower Upper

117 100

119 105.8 77.4 116.0



#33

Benzene

Concen: 0.099 ug/L

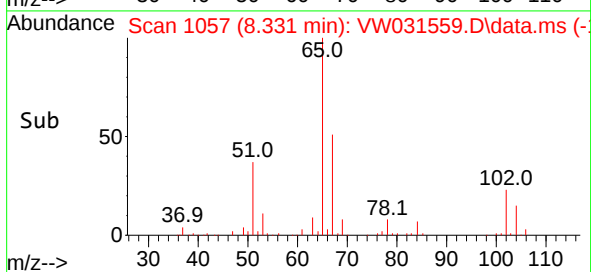
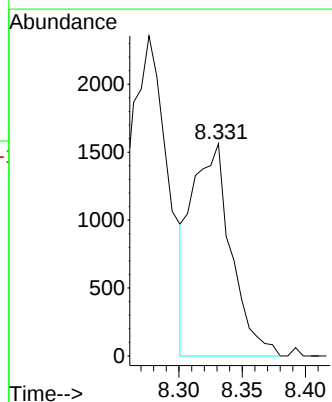
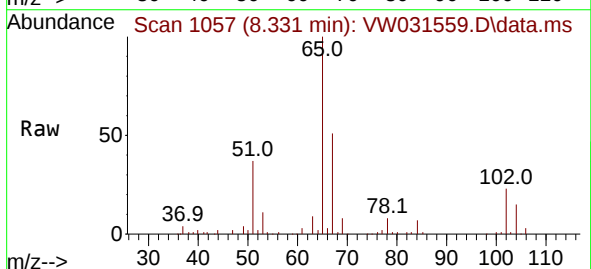
RT: 8.331 min Scan# 1057

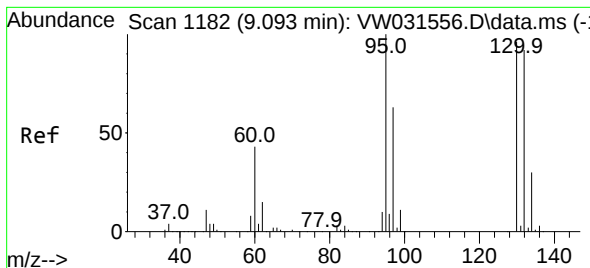
Delta R.T. 0.006 min

Lab File: VW031559.D

Acq: 10 Jan 2025 12:18

Tgt Ion: 78 Resp: 3380





#34

Trichloroethene

Concen: 0.101 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW031559.D

Acq: 10 Jan 2025 12:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 925

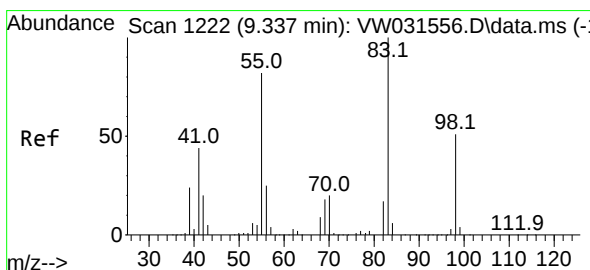
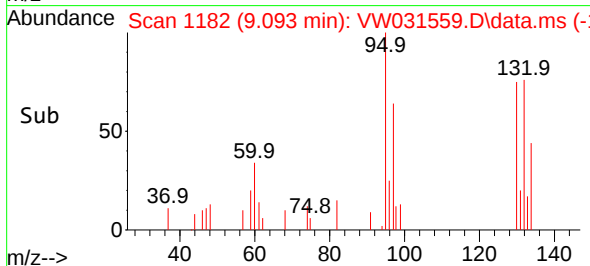
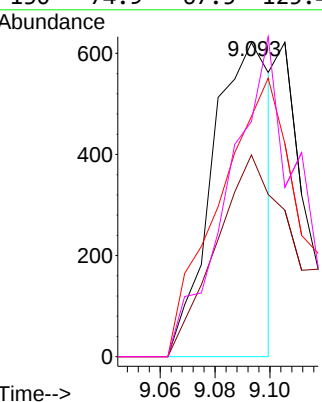
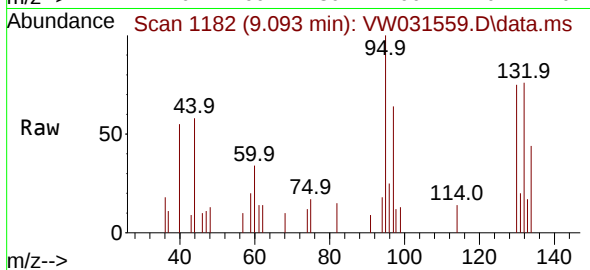
Ion Ratio Lower Upper

95 100

97 76.3 44.0 81.6

132 76.5 64.6 120.0

130 74.9 67.5 125.4



#35

Methylcyclohexane

Concen: 0.137 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW031559.D

Acq: 10 Jan 2025 12:18

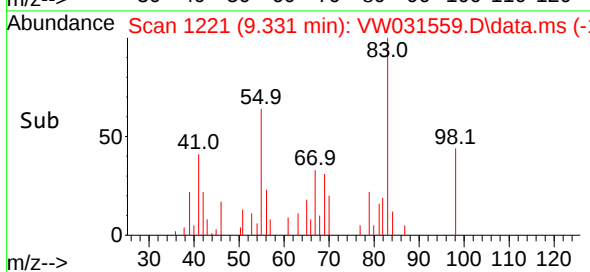
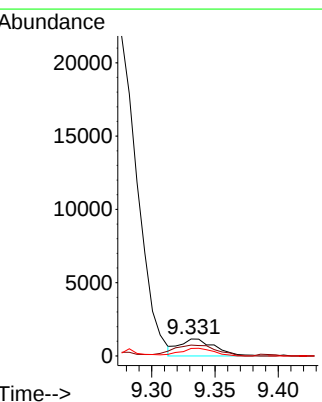
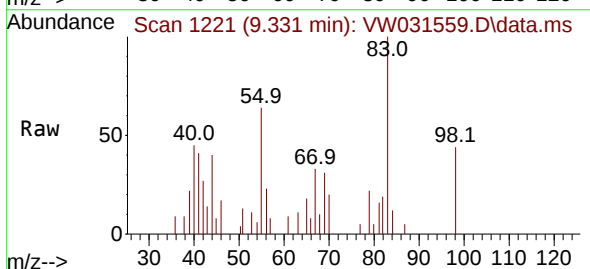
Tgt Ion: 83 Resp: 2258

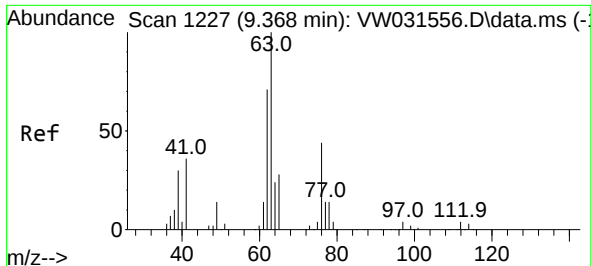
Ion Ratio Lower Upper

83 100

55 78.5 63.4 95.2

98 42.1 38.8 58.2





#37

1,2-Dichloropropane

Concen: 0.090 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031559.D

Acq: 10 Jan 2025 12:18

Instrument :

MSVOA_W

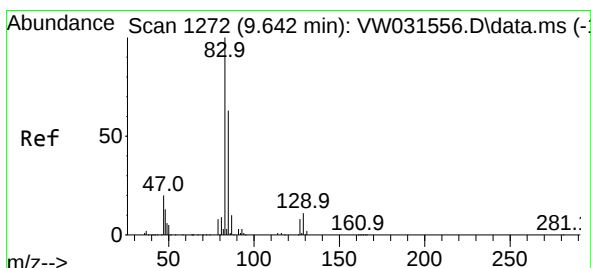
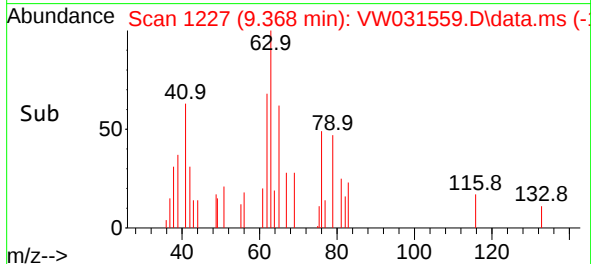
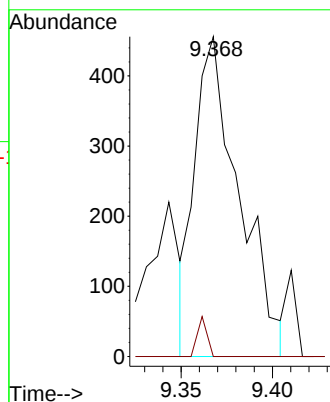
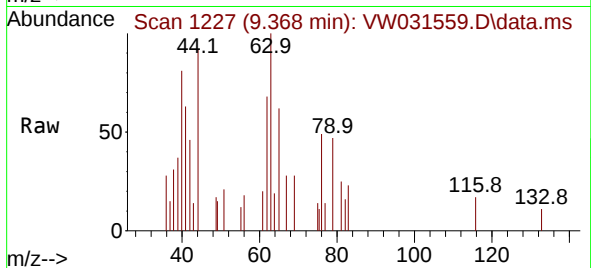
ClientSampleId :

Tgt Ion: 63 Resp: 769

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



#38

Bromodichloromethane

Concen: 0.100 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW031559.D

Acq: 10 Jan 2025 12:18

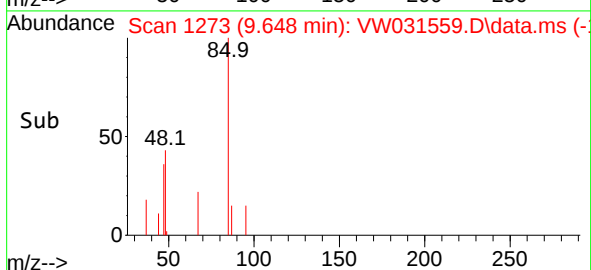
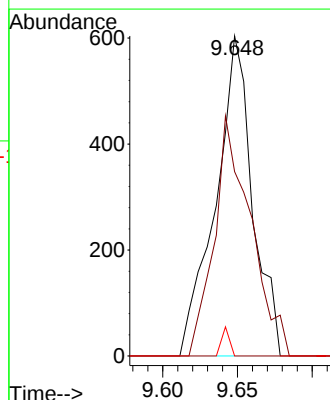
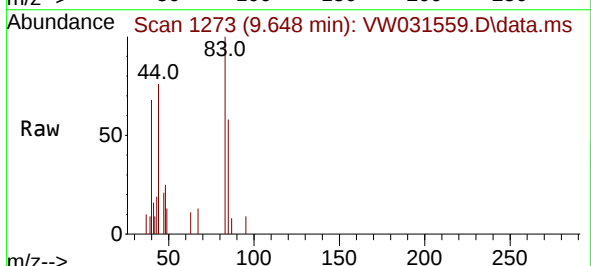
Tgt Ion: 83 Resp: 1037

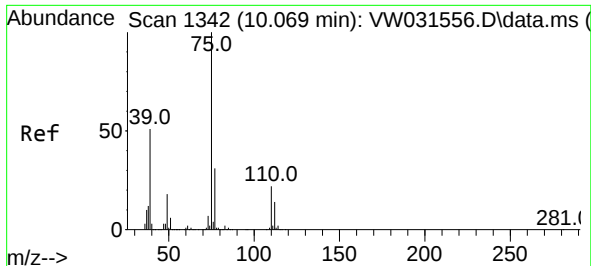
Ion Ratio Lower Upper

83 100

85 57.6 43.8 81.3

127 0.0 6.2 9.4#

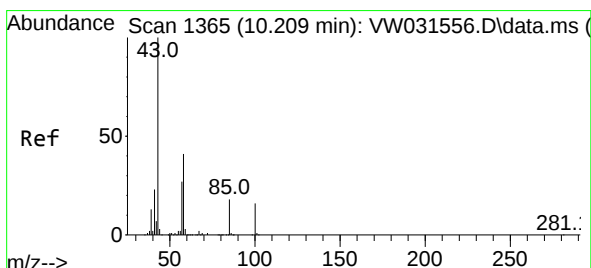
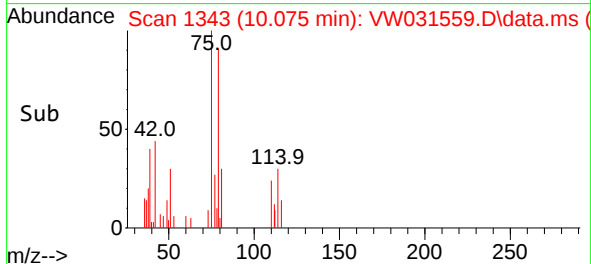
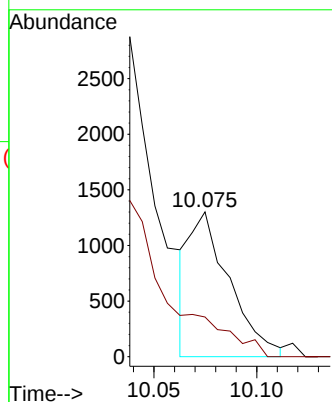
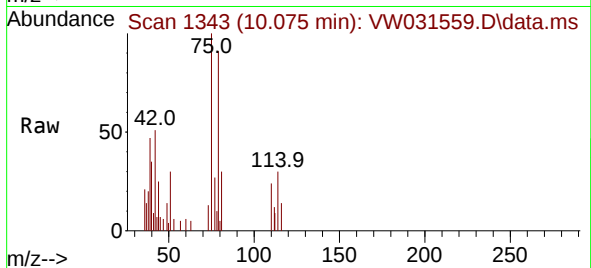




#39
 cis-1,3-Dichloropropene
 Concen: 0.130 ug/L
 RT: 10.075 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW031559.D
 Acq: 10 Jan 2025 12:18

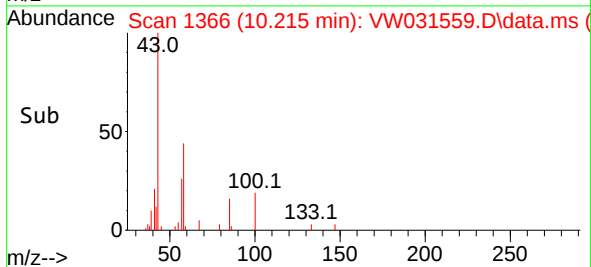
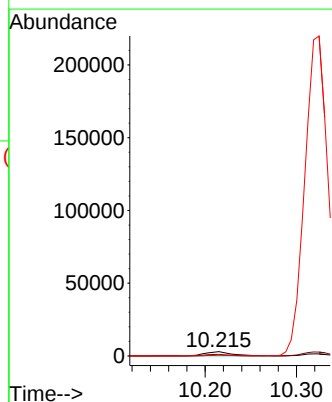
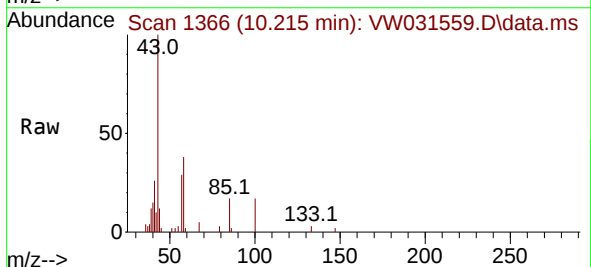
Instrument :
 MSVOA_W
 ClientSampleId :

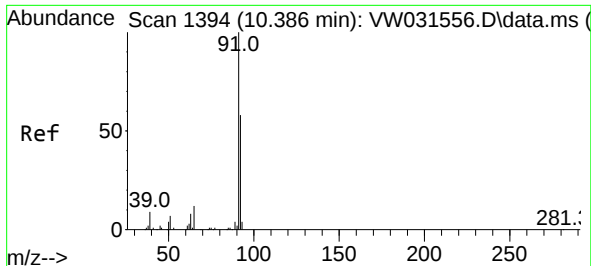
Tgt Ion: 75 Resp: 1758
 Ion Ratio Lower Upper
 75 100
 77 27.4 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 1.436 ug/L
 RT: 10.215 min Scan# 1366
 Delta R.T. 0.006 min
 Lab File: VW031559.D
 Acq: 10 Jan 2025 12:18

Tgt Ion: 43 Resp: 6149
 Ion Ratio Lower Upper
 43 100
 58 36.5 31.4 47.2
 100 13.9 12.3 18.5

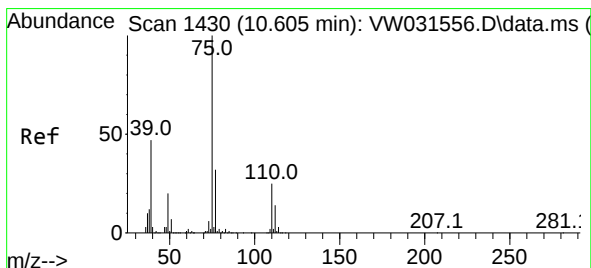
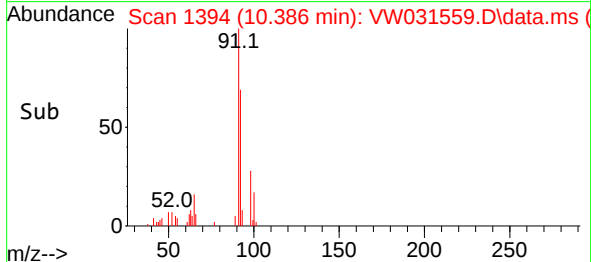
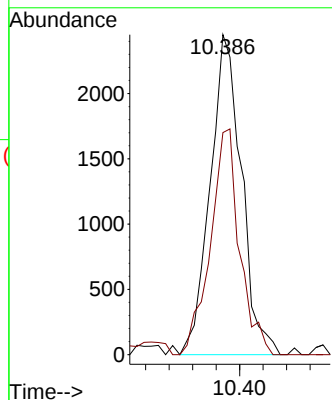
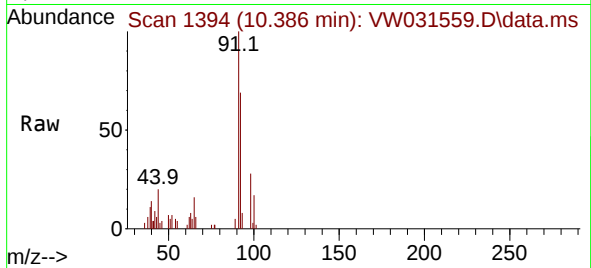




#42
Toluene
Concen: 0.127 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW031559.D
Acq: 10 Jan 2025 12:18

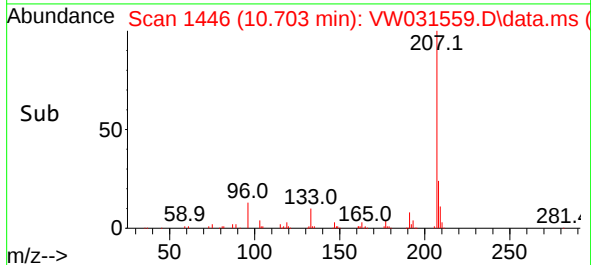
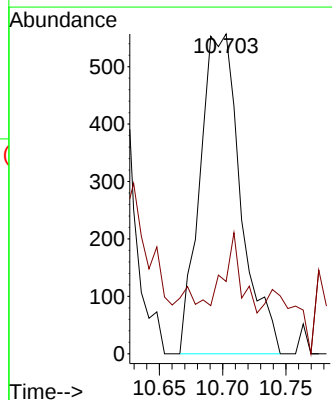
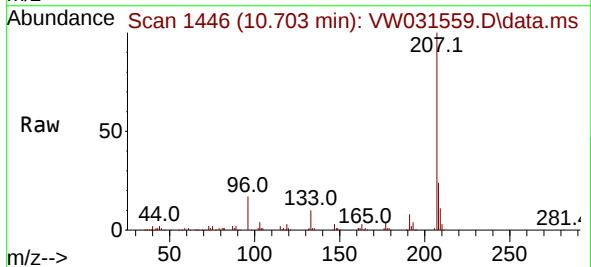
Instrument :
MSVOA_W
ClientSampleId :

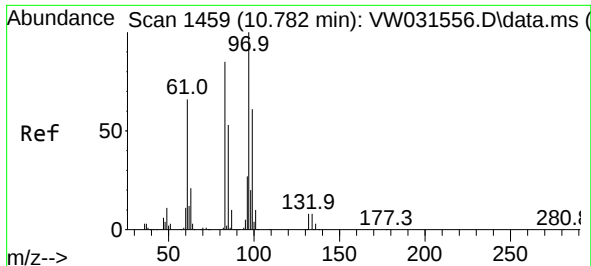
Tgt Ion: 91 Resp: 4532
Ion Ratio Lower Upper
91 100
92 69.4 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 0.116 ug/L
RT: 10.703 min Scan# 1446
Delta R.T. 0.098 min
Lab File: VW031559.D
Acq: 10 Jan 2025 12:18

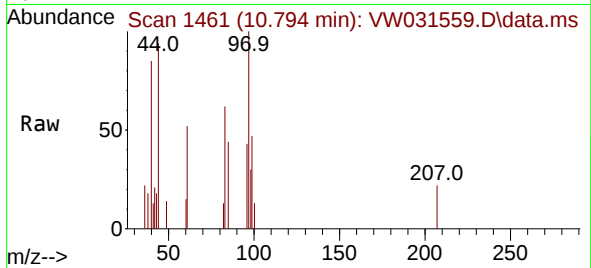
Tgt Ion: 75 Resp: 1250
Ion Ratio Lower Upper
75 100
77 22.6 22.5 41.9



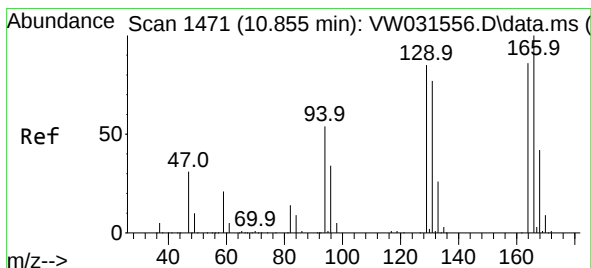
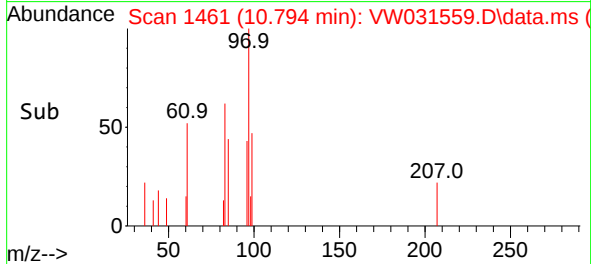
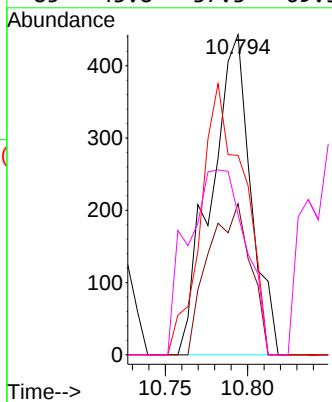


#45
1,1,2-Trichloroethane
Concen: 0.136 ug/L
RT: 10.794 min Scan# 1459
Delta R.T. 0.012 min
Lab File: VW031559.D
Acq: 10 Jan 2025 12:18

Instrument :
MSVOA_W
ClientSampleId :

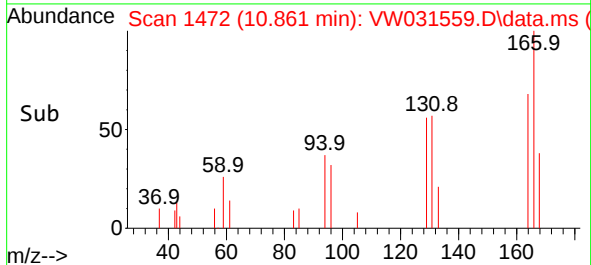
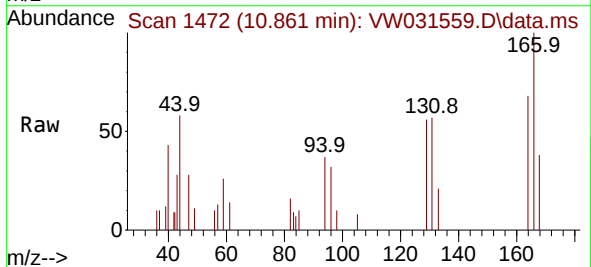
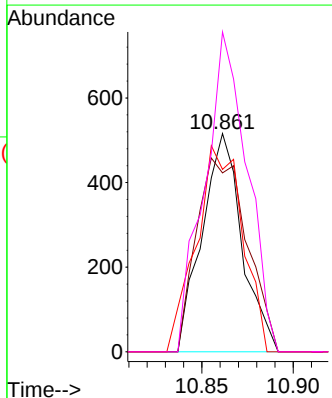


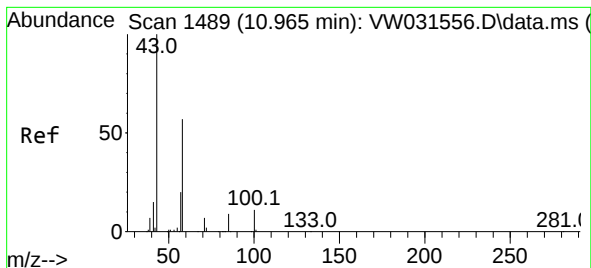
Tgt Ion: 97	Resp: 747
Ion Ratio	Lower Upper
97 100	
99 47.2	42.6 79.2
83 62.3	59.6 110.8
85 43.8	37.3 69.3



#46
Tetrachloroethene
Concen: 0.119 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VW031559.D
Acq: 10 Jan 2025 12:18

Tgt Ion:164	Resp: 785		
Ion Ratio	Lower	Upper	
164 100			
129 82.0	69.8	129.6	
131 83.5	63.1	117.1	
166 146.5	81.7	151.7	





#48

2-Hexanone

Concen: 0.072 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

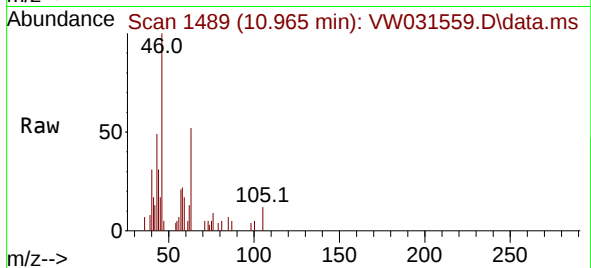
Lab File: VW031559.D

Acq: 10 Jan 2025 12:18

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 188

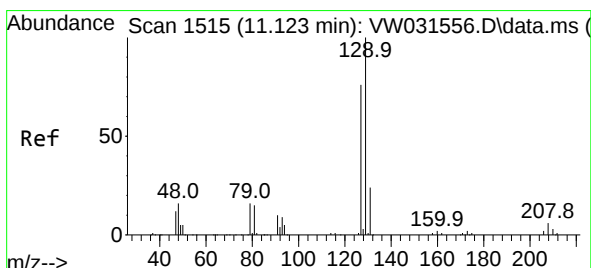
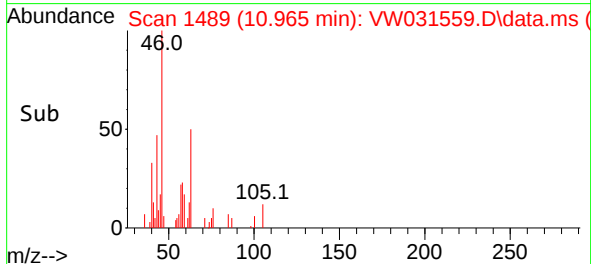
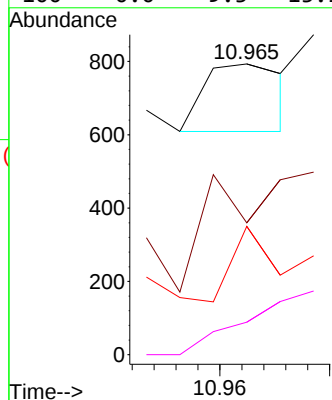
Ion Ratio Lower Upper

43 100

58 156.4 44.8 67.2#

57 93.1 15.6 23.4#

100 0.0 9.3 13.9#



#49

Dibromochloromethane

Concen: 0.111 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW031559.D

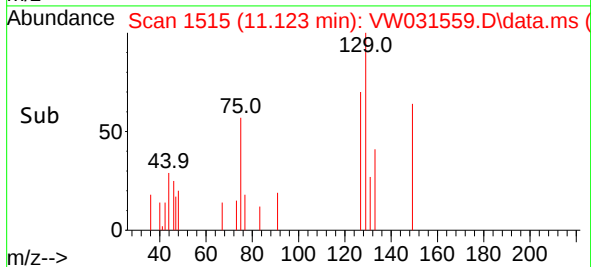
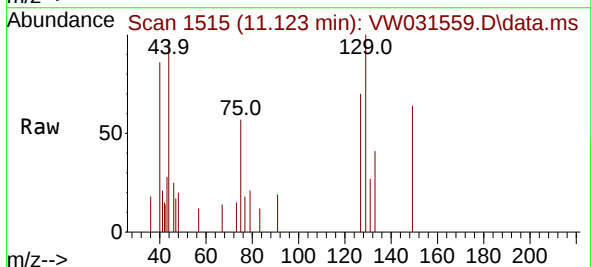
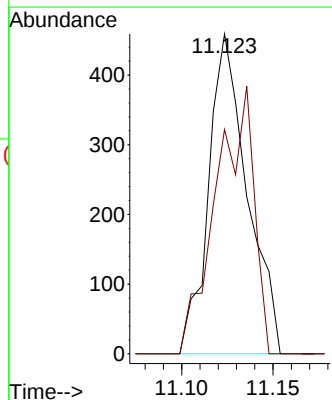
Acq: 10 Jan 2025 12:18

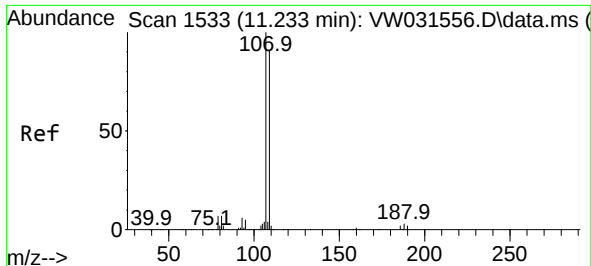
Tgt Ion: 129 Resp: 674

Ion Ratio Lower Upper

129 100

127 70.2 53.0 98.4





#50

1,2-Dibromoethane

Concen: 0.231 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031559.D

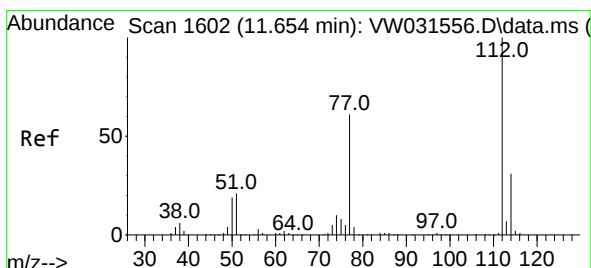
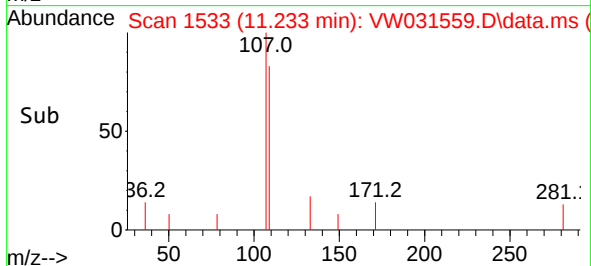
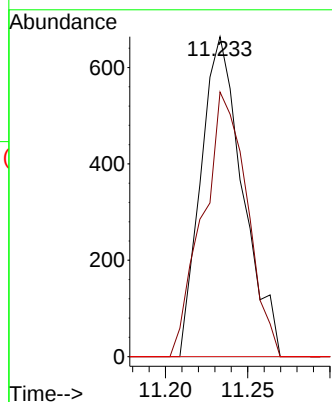
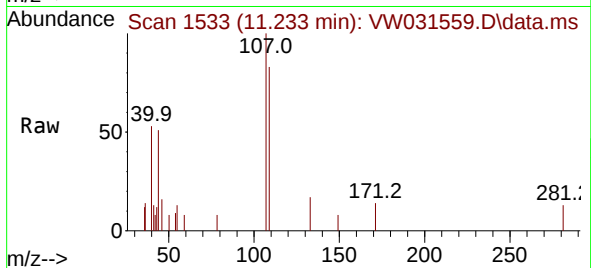
Acq: 10 Jan 2025 12:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	1175
Ion	Ratio	Lower	Upper
107	100		
109	82.7	63.8	118.4
188	0.0	2.6	3.8#



#51

Chlorobenzene

Concen: 0.194 ug/L

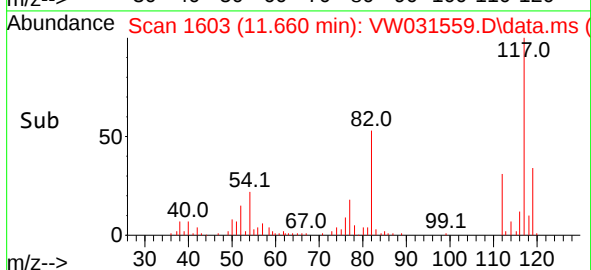
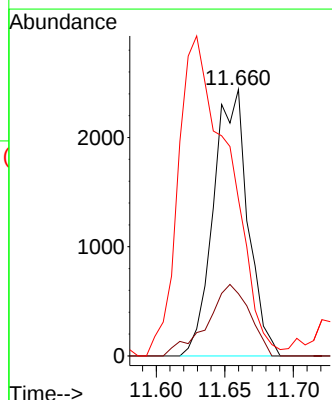
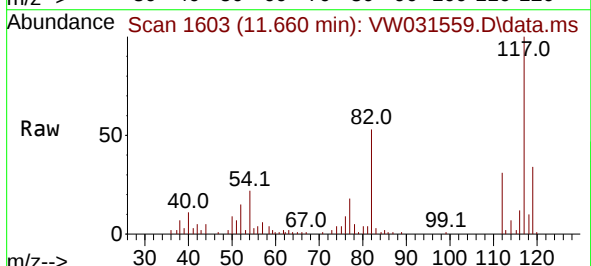
RT: 11.660 min Scan# 1603

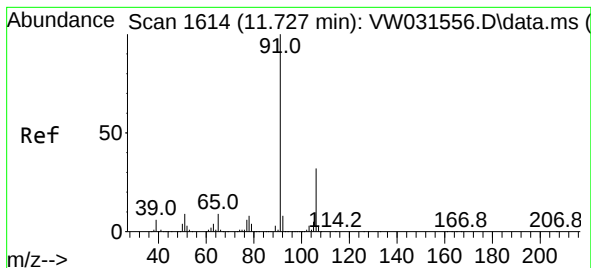
Delta R.T. 0.006 min

Lab File: VW031559.D

Acq: 10 Jan 2025 12:18

Tgt Ion:	112	Resp:	4269
Ion	Ratio	Lower	Upper
112	100		
114	23.4	22.0	40.8
77	58.9	49.0	73.4

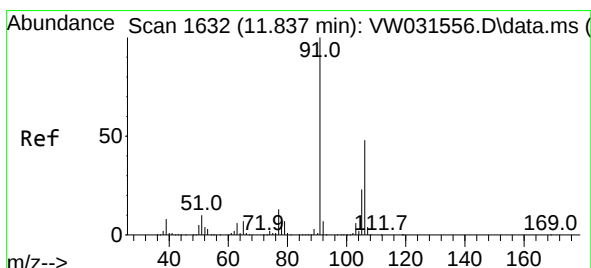
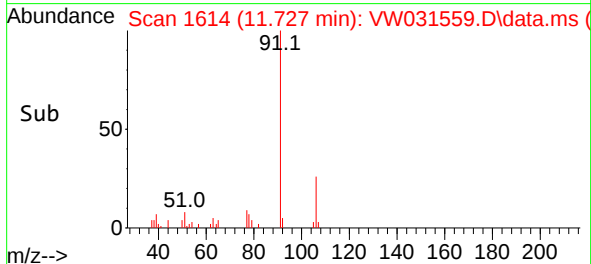
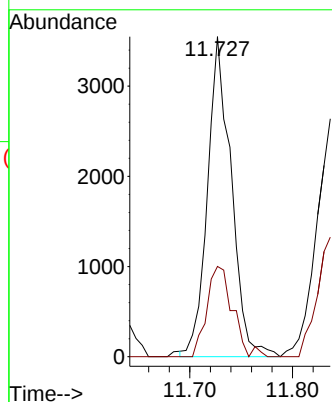
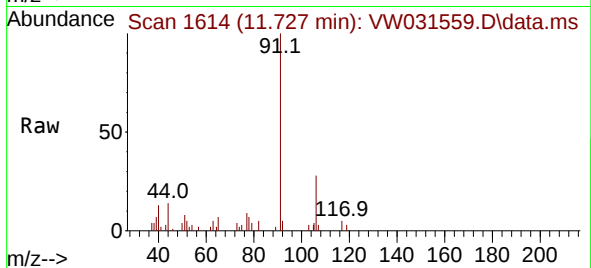




#52
Ethylbenzene
Concen: 0.139 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031559.D
Acq: 10 Jan 2025 12:18

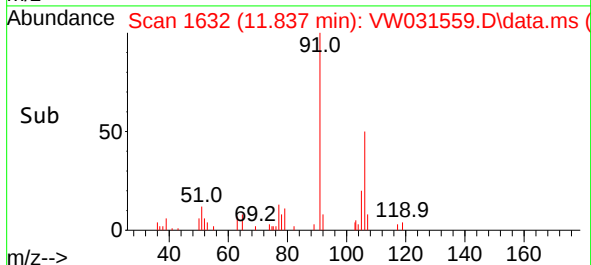
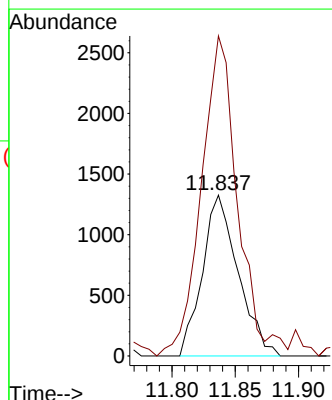
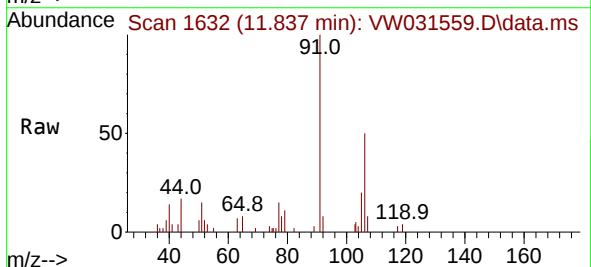
Instrument :
MSVOA_W
ClientSampleId :

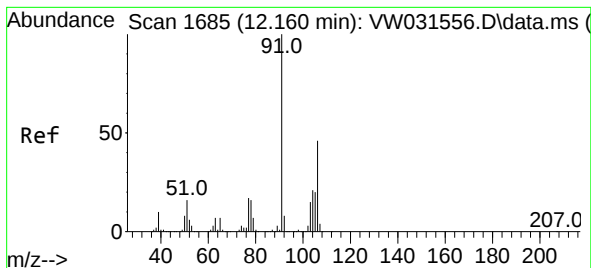
Tgt Ion: 91 Resp: 5702
Ion Ratio Lower Upper
91 100
106 28.2 22.3 41.3



#53
m,p-Xylene
Concen: 0.167 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031559.D
Acq: 10 Jan 2025 12:18

Tgt Ion: 106 Resp: 2606
Ion Ratio Lower Upper
106 100
91 199.0 145.9 270.9





#54

o-Xylene

Concen: 0.144 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW031559.D

Acq: 10 Jan 2025 12:18

Instrument :

MSVOA_W

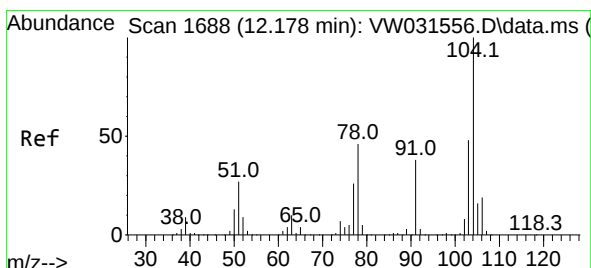
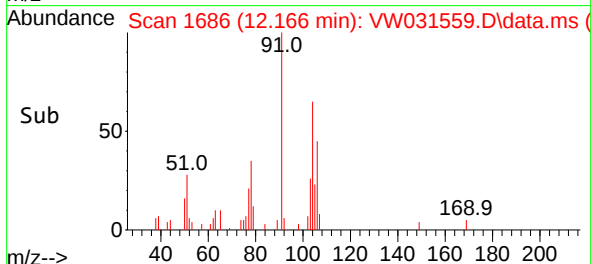
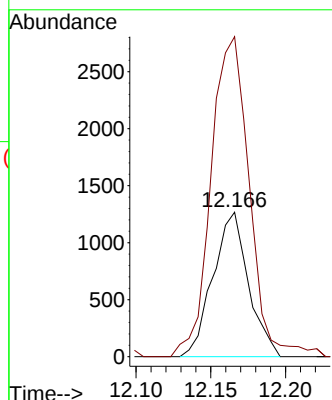
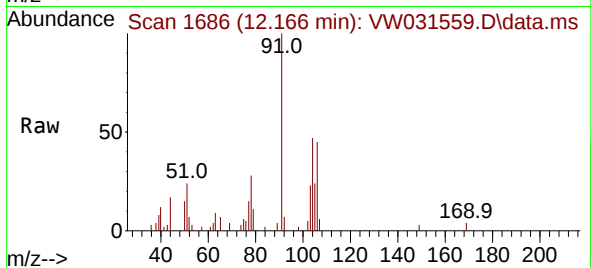
ClientSampleId :

Tgt Ion:106 Resp: 2091

Ion Ratio Lower Upper

106 100

91 221.4 152.9 284.1



#55

Styrene

Concen: 0.199 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031559.D

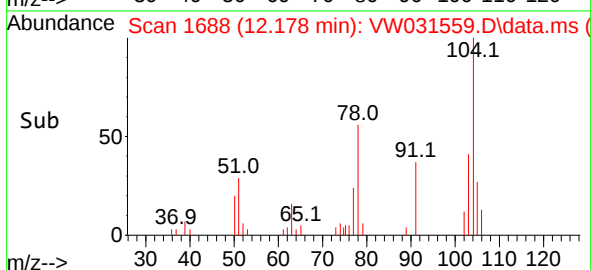
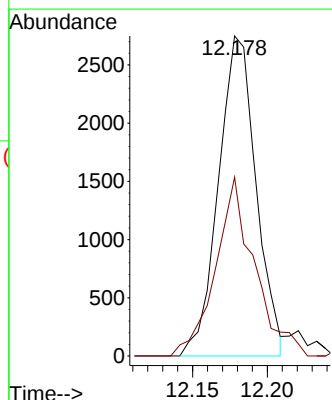
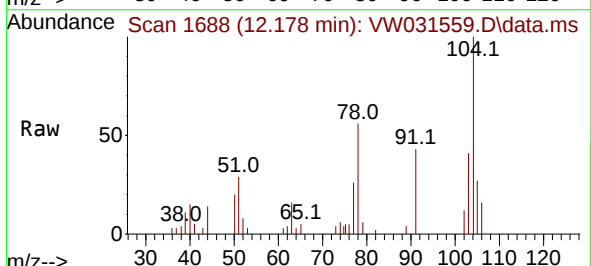
Acq: 10 Jan 2025 12:18

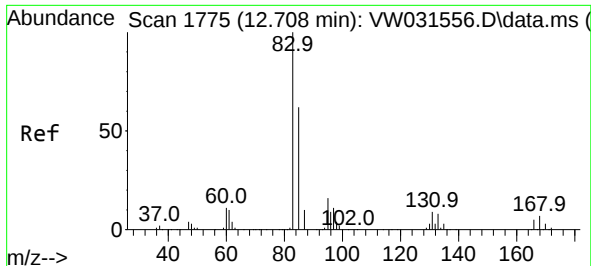
Tgt Ion:104 Resp: 4810

Ion Ratio Lower Upper

104 100

78 55.9 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 0.289 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031559.D

Acq: 10 Jan 2025 12:18

Instrument :

MSVOA_W

ClientSampleId :

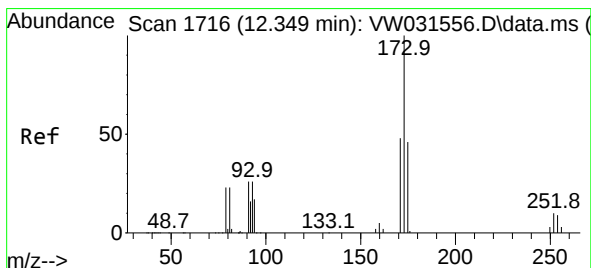
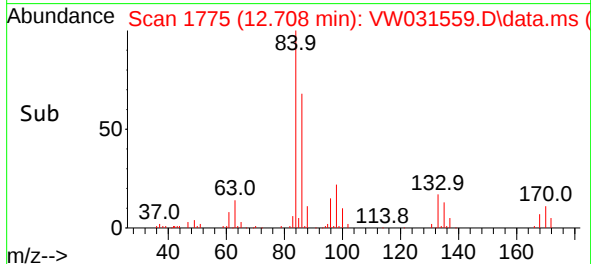
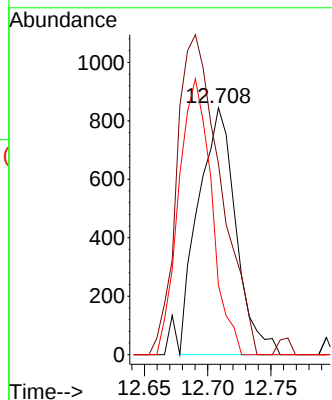
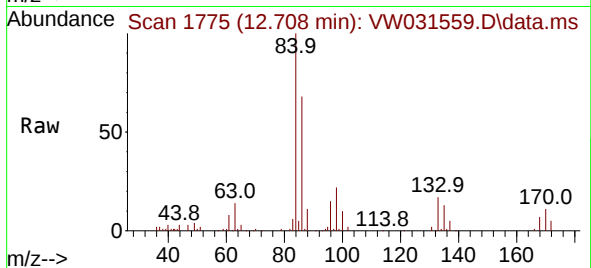
Tgt Ion: 83 Resp: 1748

Ion Ratio Lower Upper

83 100

85 77.4 44.1 81.9

131 28.0 7.4 11.0#



#59

Bromoform

Concen: 0.173 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW031559.D

Acq: 10 Jan 2025 12:18

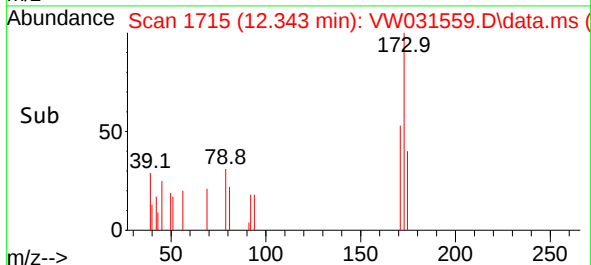
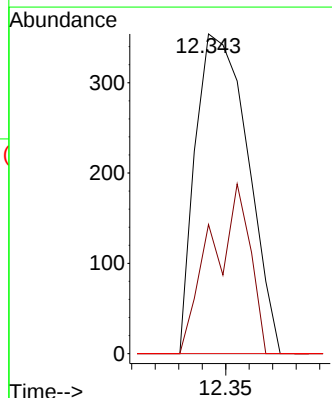
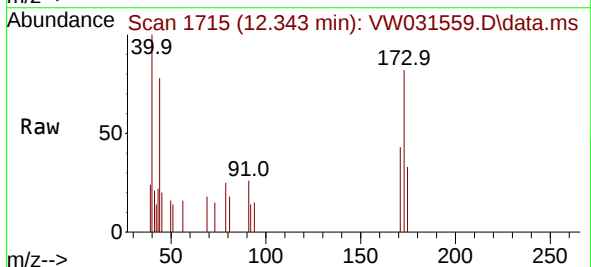
Tgt Ion: 173 Resp: 547

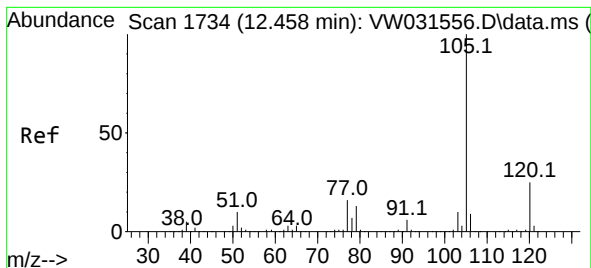
Ion Ratio Lower Upper

173 100

175 39.5 37.7 56.5

254 0.0 7.1 10.7#





#60

Isopropylbenzene

Concen: 0.187 ug/L

RT: 12.459 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW031559.D

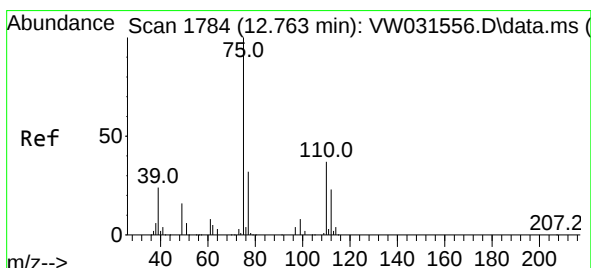
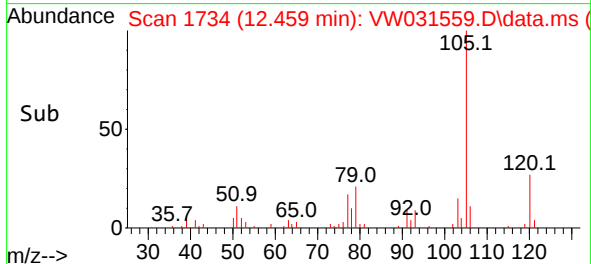
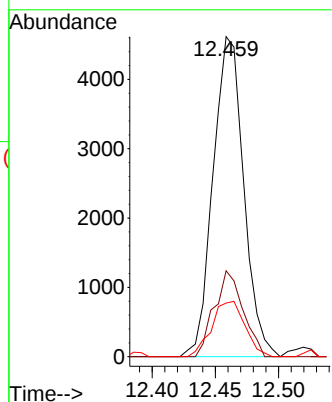
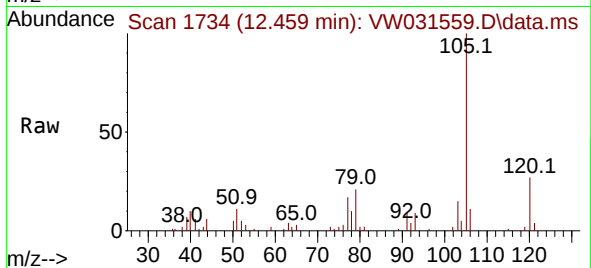
Acq: 10 Jan 2025 12:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	7776
Ion	Ratio	Lower	Upper
105	100		
120	25.2	20.1	30.1
77	18.8	12.7	19.1



#61

1,2,3-Trichloropropane

Concen: 0.263 ug/L

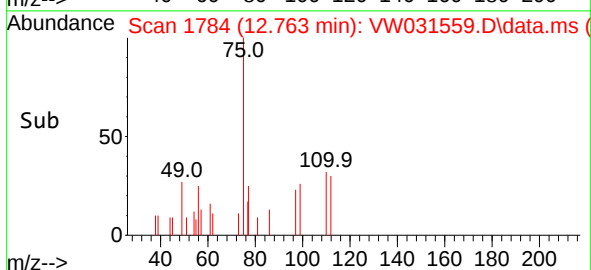
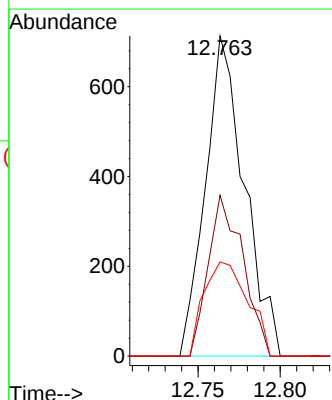
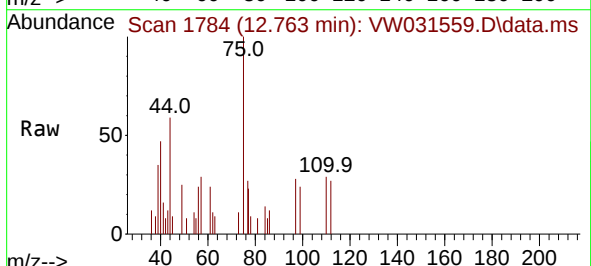
RT: 12.763 min Scan# 1784

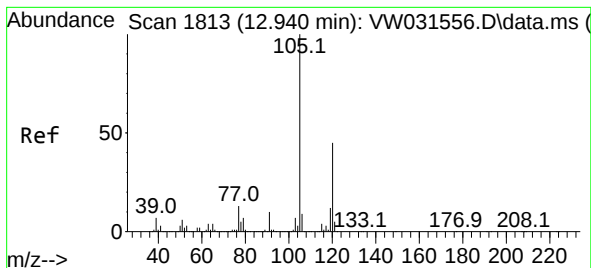
Delta R.T. 0.000 min

Lab File: VW031559.D

Acq: 10 Jan 2025 12:18

Tgt Ion:	75	Resp:	1173
Ion	Ratio	Lower	Upper
75	100		
77	44.8	26.2	39.2#
110	33.3	29.6	44.4

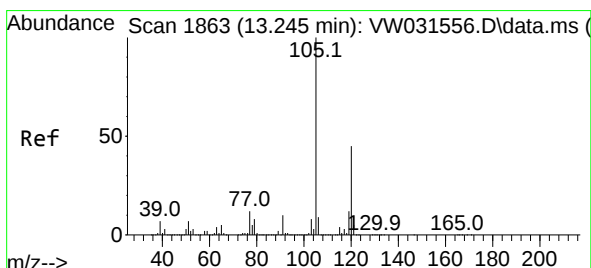
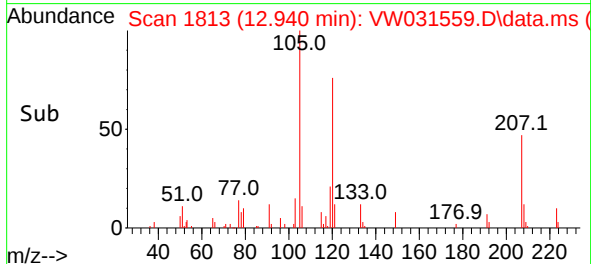
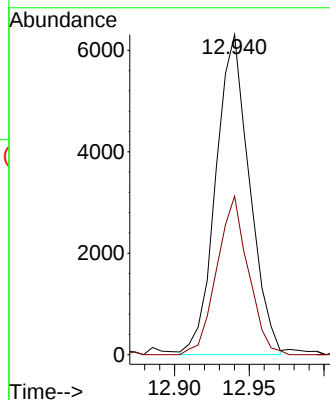
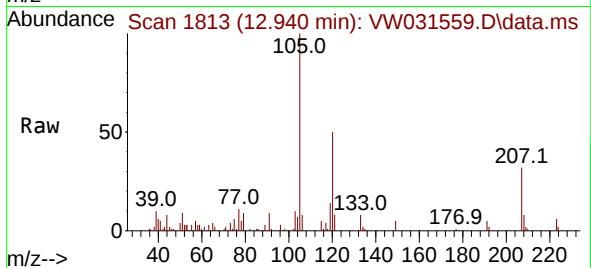




#62
1,3,5-Trimethylbenzene
Concen: 0.289 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031559.D
Acq: 10 Jan 2025 12:18

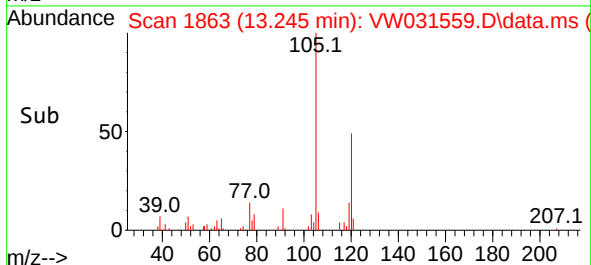
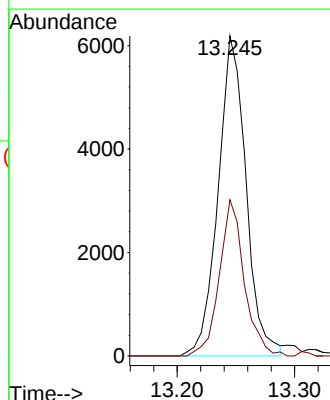
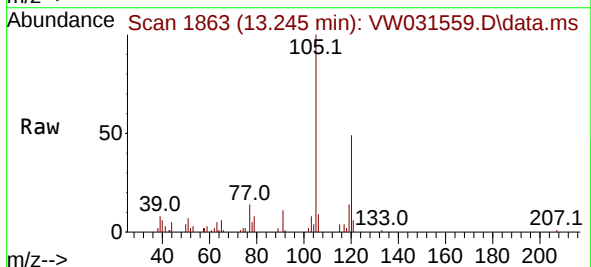
Instrument :
MSVOA_W
ClientSampleId :

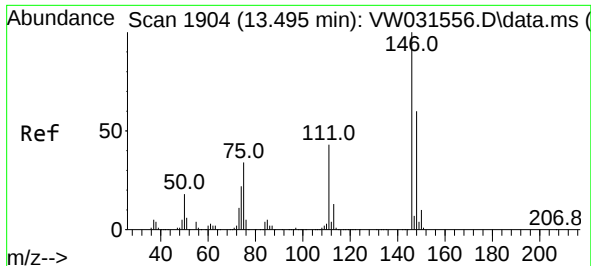
Tgt Ion:105 Resp: 9877
Ion Ratio Lower Upper
105 100
120 46.1 37.6 56.4



#63
1,2,4-Trimethylbenzene
Concen: 0.307 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031559.D
Acq: 10 Jan 2025 12:18

Tgt Ion:105 Resp: 10226
Ion Ratio Lower Upper
105 100
120 43.5 36.3 54.5

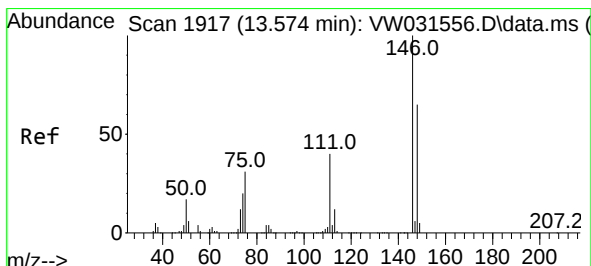
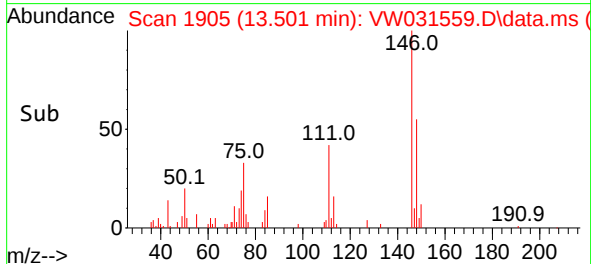
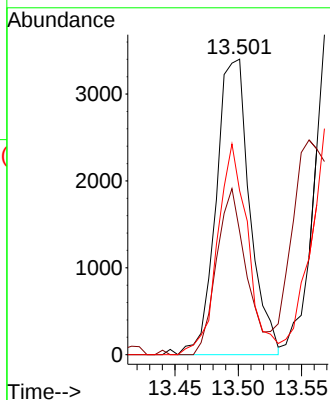
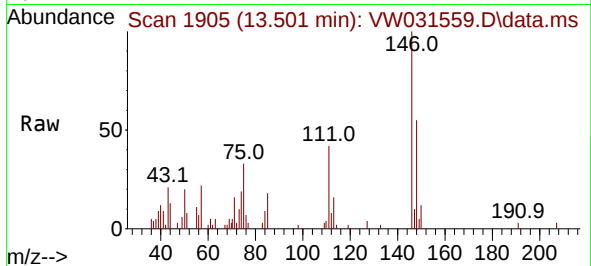




#64
1,3-Dichlorobenzene
Concen: 0.381 ug/L
RT: 13.501 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VW031559.D
Acq: 10 Jan 2025 12:18

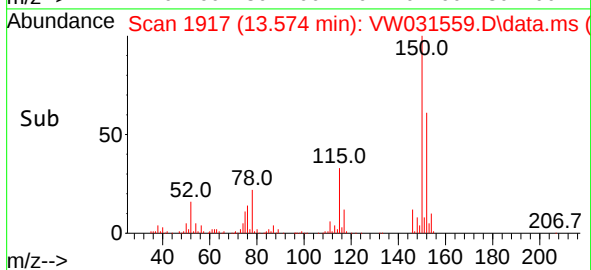
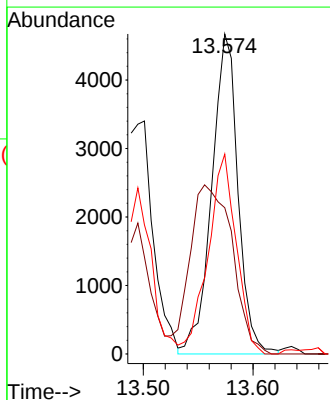
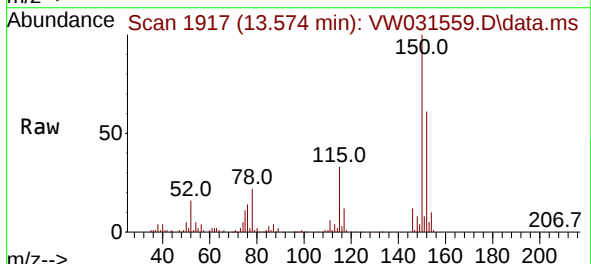
Instrument :
MSVOA_W
ClientSampleId :

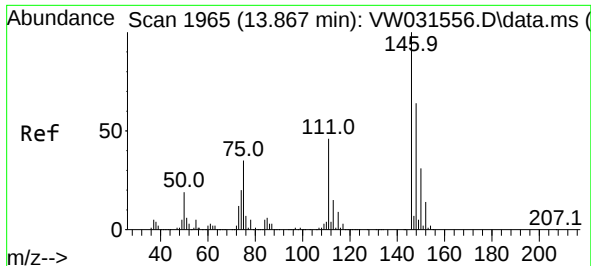
Tgt Ion:146 Resp: 6281
Ion Ratio Lower Upper
146 100
111 41.6 30.4 56.5
148 55.4 42.1 78.1



#65
1,4-Dichlorobenzene
Concen: 0.477 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031559.D
Acq: 10 Jan 2025 12:18

Tgt Ion:146 Resp: 7778
Ion Ratio Lower Upper
146 100
111 45.7 28.5 52.9
148 62.4 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 0.489 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

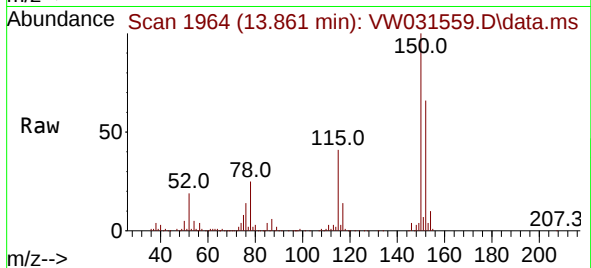
Lab File: VW031559.D

Acq: 10 Jan 2025 12:18

Instrument :

MSVOA_W

ClientSampleId :



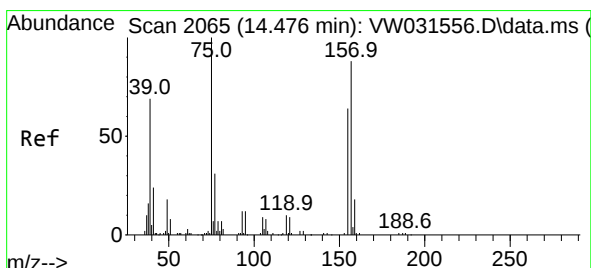
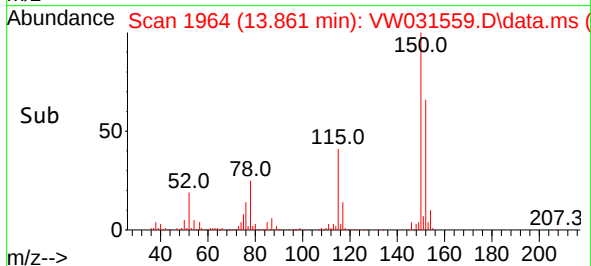
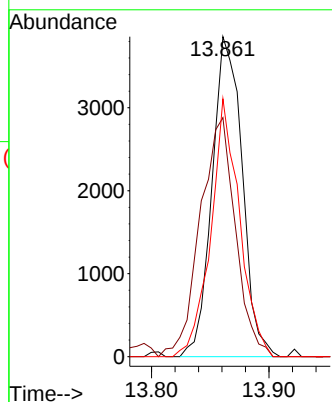
Tgt Ion:146 Resp: 6872

Ion Ratio Lower Upper

146 100

111 74.7 36.6 55.0#

148 80.6 51.0 76.4#



#68

1,2-Dibromo-3-chloropropane

Concen: 1.516 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW031559.D

Acq: 10 Jan 2025 12:18

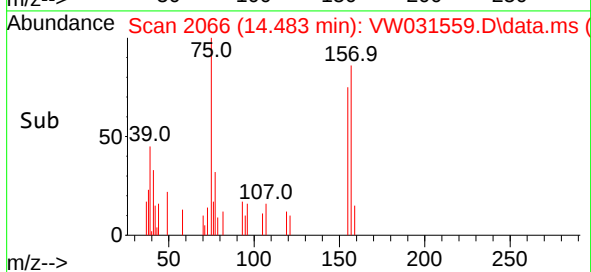
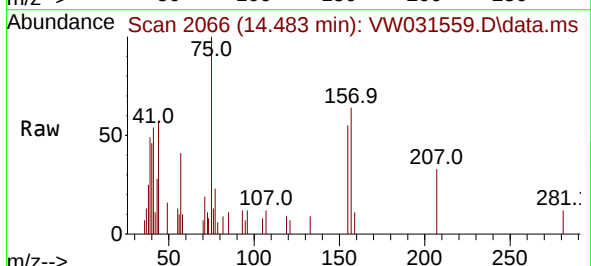
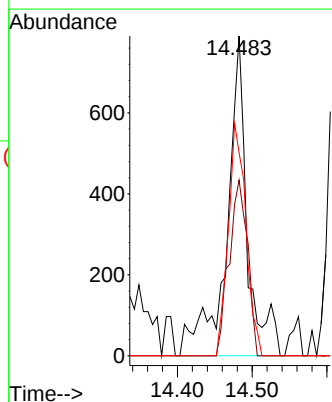
Tgt Ion: 75 Resp: 1513

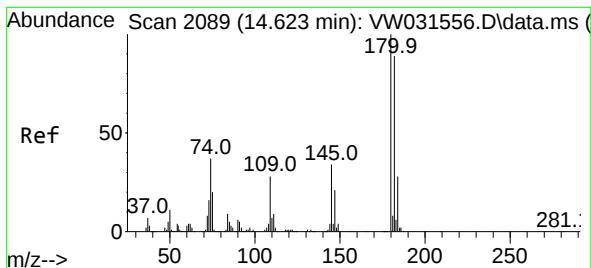
Ion Ratio Lower Upper

75 100

155 54.9 51.0 76.4

157 63.5 70.2 105.2#





#69

1,3,5-Trichlorobenzene

Concen: 1.411 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW031559.D

Acq: 10 Jan 2025 12:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 15747

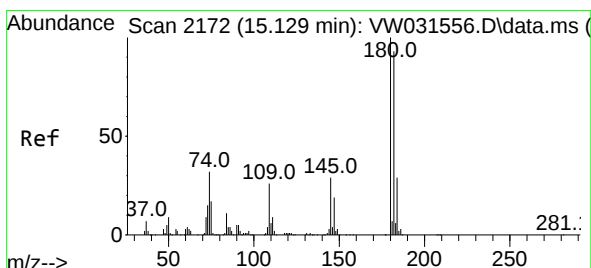
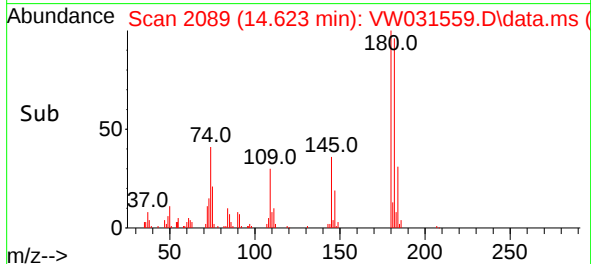
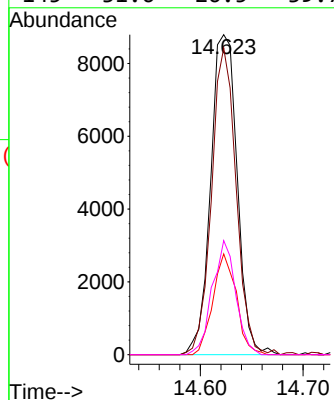
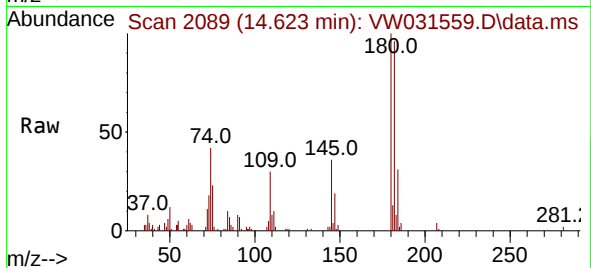
Ion Ratio Lower Upper

180 100

182 88.4 74.2 111.4

184 27.9 23.0 34.4

145 31.6 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 2.208 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031559.D

Acq: 10 Jan 2025 12:18

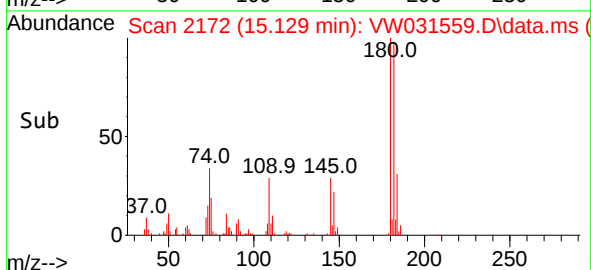
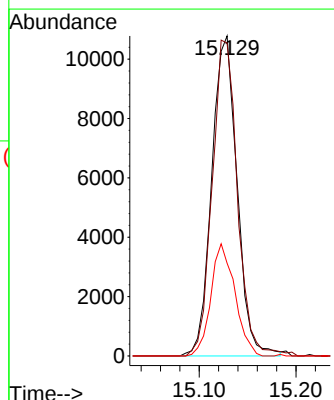
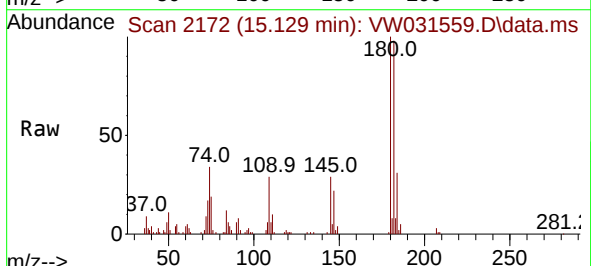
Tgt Ion:180 Resp: 19635

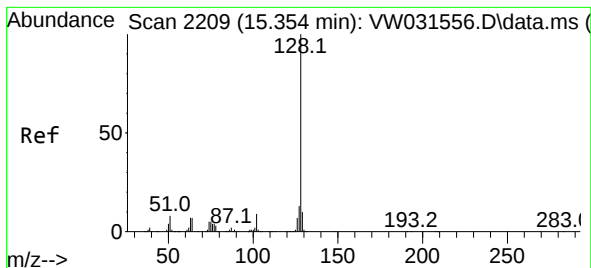
Ion Ratio Lower Upper

180 100

182 97.2 77.7 116.5

145 33.3 26.6 39.8





#71

Naphthalene

Concen: 2.892 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW031559.D

Acq: 10 Jan 2025 12:18

Instrument :

MSVOA_W

ClientSampleId :

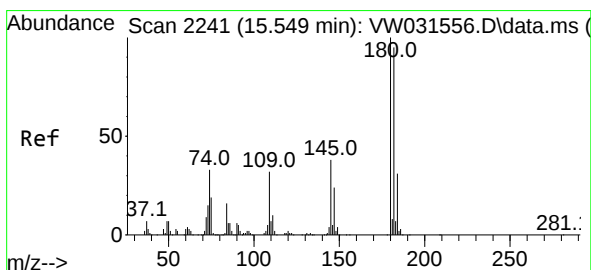
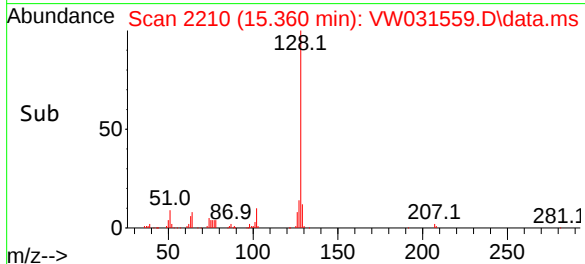
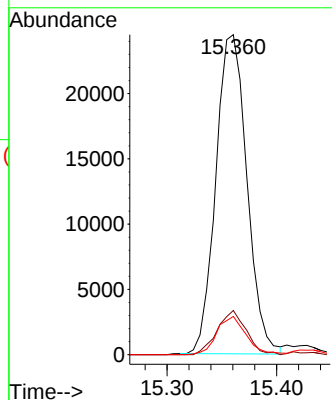
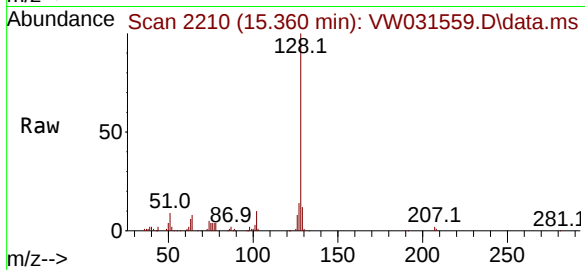
Tgt Ion:128 Resp: 48210

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.4 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 3.725 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW031559.D

Acq: 10 Jan 2025 12:18

Tgt Ion:180 Resp: 27890

Ion Ratio Lower Upper

180 100

182 96.2 76.9 115.3

145 36.6 30.1 45.1

