

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW012125\
 Data File : VW038480.D
 Acq On : 21 Jan 2025 13:54
 Operator : SY/MD
 Sample : MDL05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 22 02:55:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 22 02:52:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	217084	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	240256	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	97743	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	68957	3.852	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.532	69	65963	4.388	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.056	65	31063	3.850	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	3.815	46	151245	40.169	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.340%
24) Chloroform-d	4.240	84	145157	4.326	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	4.937	65	67702	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	4.953	84	269478	4.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	5.982	67	90397	4.494	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.236	98	211923	3.566	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.400%
43) trans-1,3-Dichloroprop...	7.558	79	26927	3.660	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.200%
46) 2-Hexanone-d5	8.024	63	89851	30.955	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	61.900%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	65484	4.107	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.200%
66) 1,2-Dichlorobenzene-d4	11.551	152	77967	4.713	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.281	62	4599	0.183	ug/L #	79
6) Bromomethane	1.487	94	2928	0.233	ug/L	99
8) Chloroethane	1.548	64	2674	0.178	ug/L	96
9) Trichlorofluoromethane	1.712	101	5495	0.172	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	4002	0.219	ug/L #	85
12) 1,1-Dichloroethene	2.066	96	4061	0.226	ug/L #	1
14) Carbon disulfide	2.240	76	11077	0.183	ug/L	99
16) Methylene chloride	2.445	84	3909	0.196	ug/L	95
17) Methyl tert-butyl Ether	2.703	73	6206	0.164	ug/L #	89
18) trans-1,2-Dichloroethene	2.696	96	2837	0.153	ug/L	91
19) 1,1-Dichloroethane	3.114	63	6624	0.188	ug/L	94
22) cis-1,2-Dichloroethene	3.822	96	2909	0.155	ug/L	81
25) Chloroform	4.272	83	7897	0.227	ug/L	100
27) 1,2-Dichloroethane	5.066	62	3630	0.187	ug/L #	74
29) 1,1,1-Trichloroethane	4.510	97	5074	0.159	ug/L #	61
30) Cyclohexane	4.580	56	4078	0.140	ug/L #	78
31) Carbon tetrachloride	4.732	117	4635	0.164	ug/L	89
33) Benzene	5.018	78	13110	0.172	ug/L	100
34) Trichloroethene	5.847	95	3368	0.170	ug/L	87

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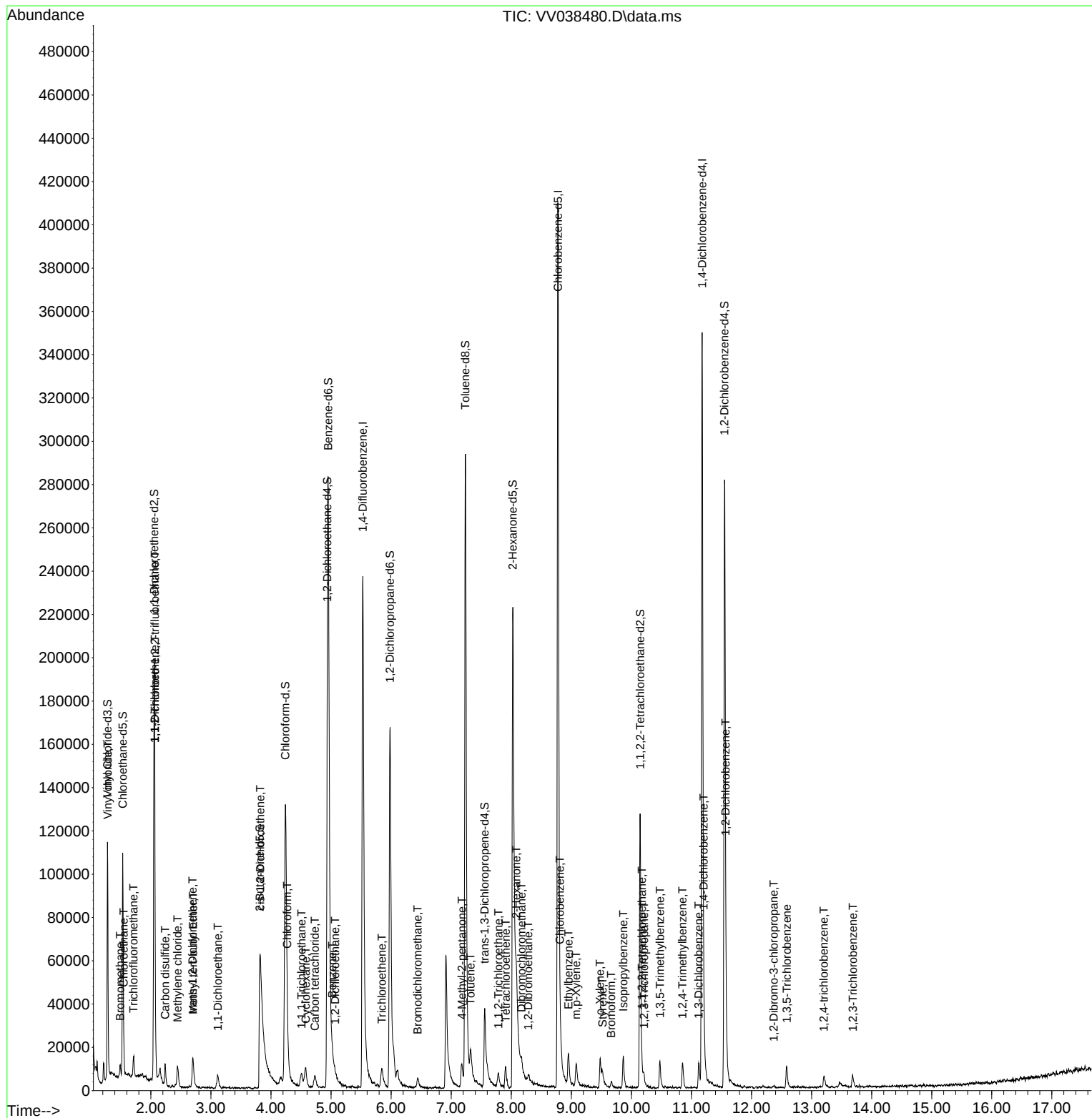
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Bromodichloromethane	6.439	83	3875	0.152	ug/L #	98
40) 4-Methyl-2-pentanone	7.178	43	9621	0.944	ug/L #	88
42) Toluene	7.323	91	11993	0.151	ug/L	88
45) 1,1,2-Trichloroethane	7.786	97	2187	0.154	ug/L #	79
47) Tetrachloroethene	7.908	164	2410	0.157	ug/L	90
48) 2-Hexanone	8.085	43	32882	4.455	ug/L #	85
49) Dibromochloromethane	8.172	129	2324	0.142	ug/L	85
50) 1,2-Dibromoethane	8.284	107	1902	0.144	ug/L #	91
51) Chlorobenzene	8.812	112	8207	0.153	ug/L	99
52) Ethylbenzene	8.953	91	11972	0.140	ug/L	100
53) m,p-Xylene	9.082	106	3668	0.113	ug/L	92
54) o-Xylene	9.477	106	3833	0.124	ug/L	86
55) Styrene	9.522	104	4392	0.082	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	2908	0.169	ug/L #	87
59) Bromoform	9.664	173	1109	0.163	ug/L #	96
60) Isopropylbenzene	9.866	105	9868	0.150	ug/L	95
61) 1,2,3-Trichloropropane	10.210	75	1783	0.190	ug/L #	79
62) 1,3,5-Trimethylbenzene	10.477	105	7454	0.145	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	6758	0.131	ug/L	96
64) 1,3-Dichlorobenzene	11.120	146	5310	0.163	ug/L	94
65) 1,4-Dichlorobenzene	11.204	146	5271	0.156	ug/L	96
67) 1,2-Dichlorobenzene	11.570	146	5840	0.191	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.371	75	279	0.144	ug/L	92
69) 1,3,5-Trichlorobenzene	12.586	180	3837	0.171	ug/L #	92
70) 1,2,4-trichlorobenzene	13.204	180	2193	0.131	ug/L	95
72) 1,2,3-Trichlorobenzene	13.686	180	2059	0.143	ug/L #	93

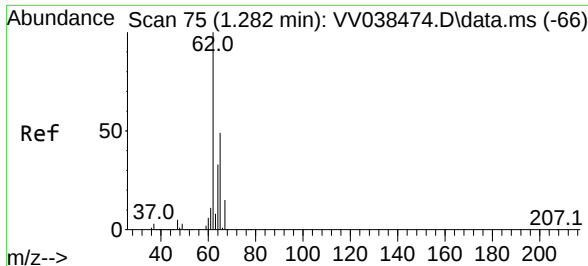
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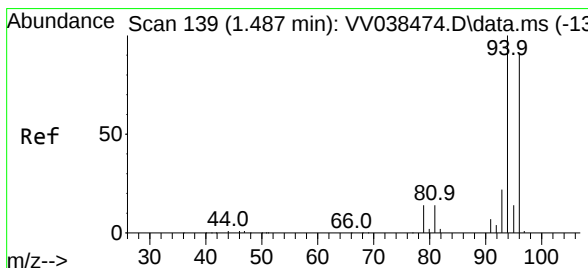
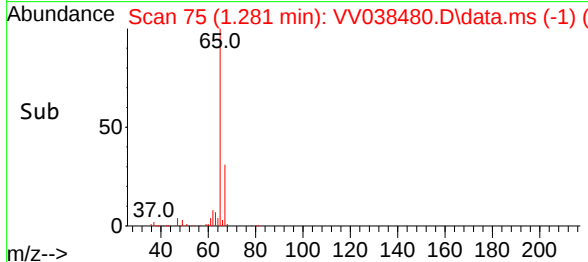
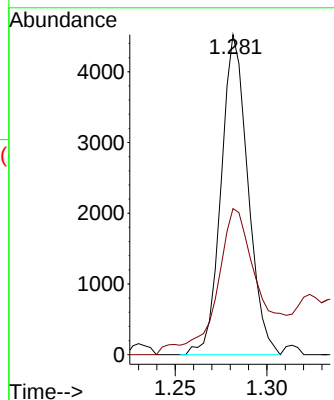
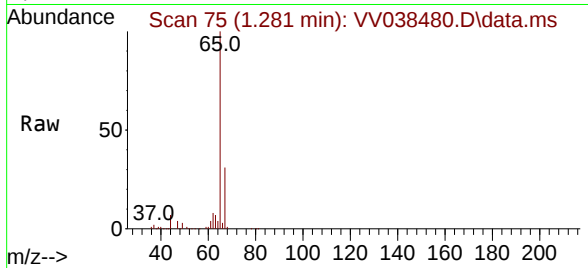




#5
 Vinyl chloride
 Concen: 0.183 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV038480.D
 Acq: 21 Jan 2025 13:54

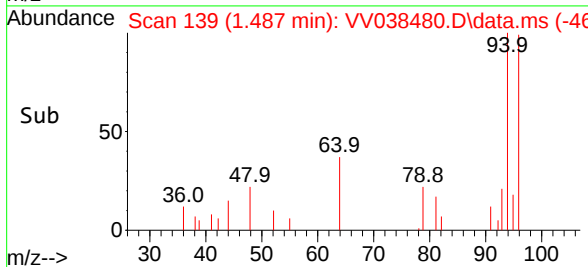
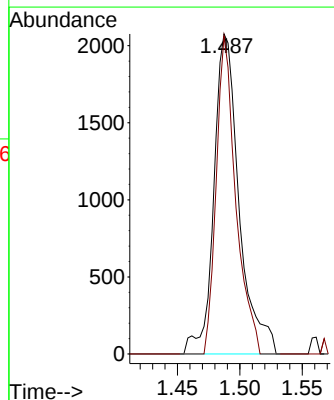
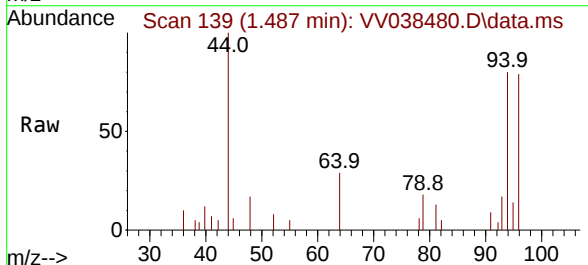
Instrument :
 MSVOA_V
 ClientSampleId :

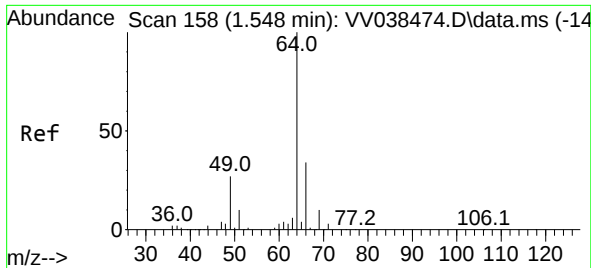
Tgt Ion: 62 Resp: 4599
 Ion Ratio Lower Upper
 62 100
 64 45.6 23.5 43.7#



#6
 Bromomethane
 Concen: 0.233 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV038480.D
 Acq: 21 Jan 2025 13:54

Tgt Ion: 94 Resp: 2928
 Ion Ratio Lower Upper
 94 100
 96 99.3 68.9 127.9

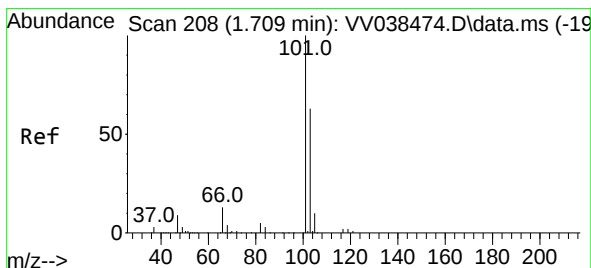
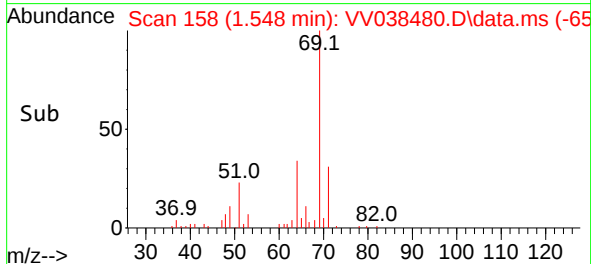
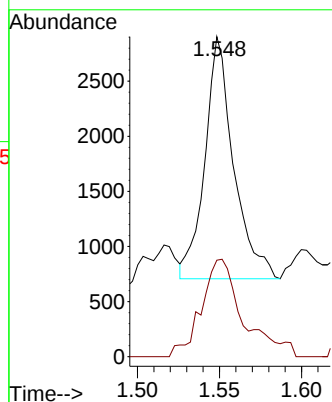
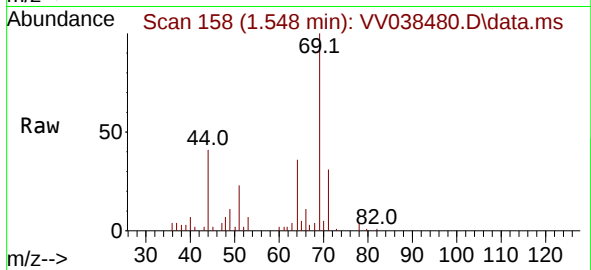




#8
Chloroethane
Concen: 0.178 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

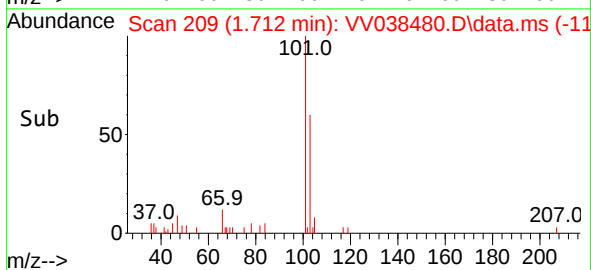
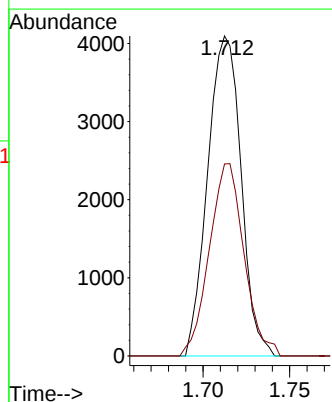
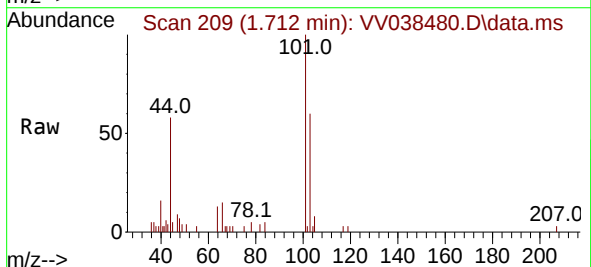
Instrument :
MSVOA_V
ClientSampleId :

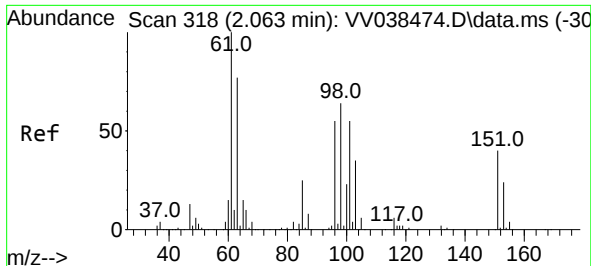
Tgt Ion: 64 Resp: 2674
Ion Ratio Lower Upper
64 100
66 30.1 22.7 42.1



#9
Trichlorofluoromethane
Concen: 0.172 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.003 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

Tgt Ion:101 Resp: 5495
Ion Ratio Lower Upper
101 100
103 62.4 51.5 77.3





#10

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

Concen: 0.219 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV038480.D

Acq: 21 Jan 2025 13:54

Instrument :

MSVOA_V

ClientSampleId :

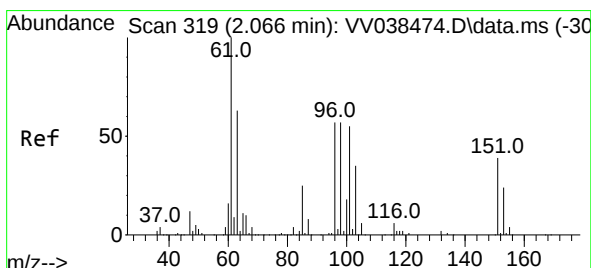
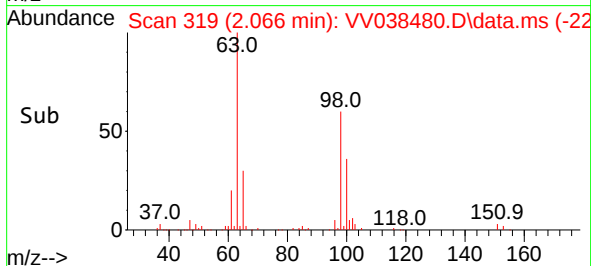
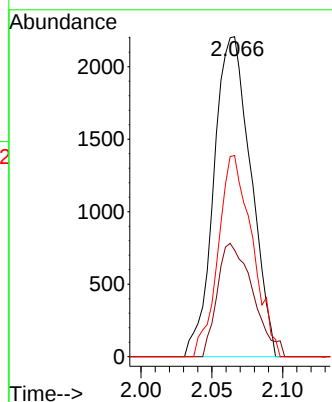
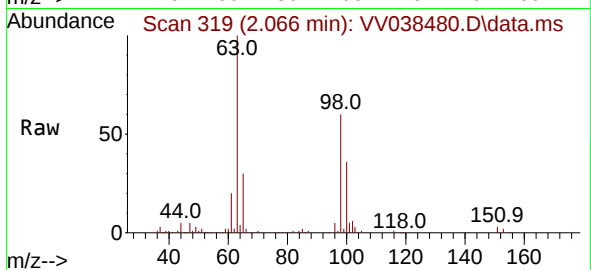
Tgt Ion:101 Resp: 4002

Ion Ratio Lower Upper

101 100

85 34.2 35.2 52.8#

151 58.2 56.6 85.0



#12

1,1-Dichloroethene

Concen: 0.226 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.000 min

Lab File: VV038480.D

Acq: 21 Jan 2025 13:54

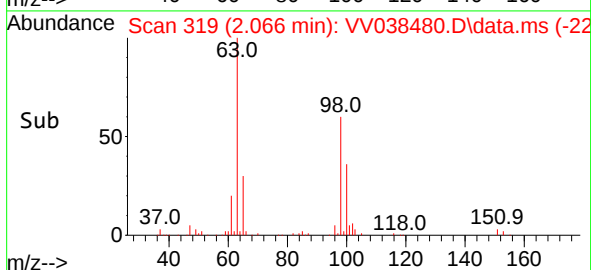
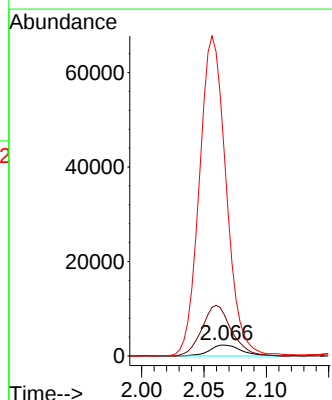
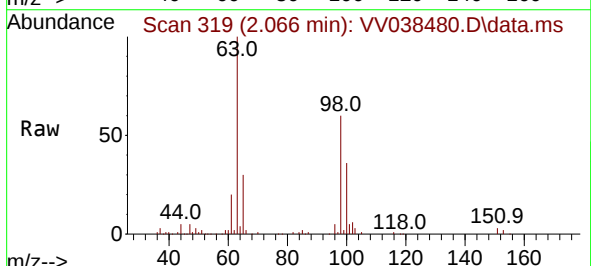
Tgt Ion: 96 Resp: 4061

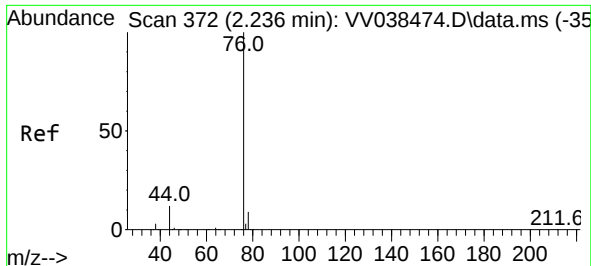
Ion Ratio Lower Upper

96 100

61 381.2 122.2 227.0#

63 1879.8 86.2 160.0#

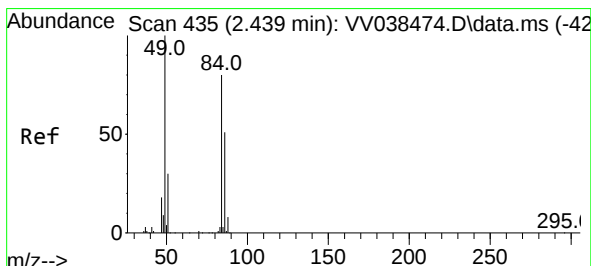
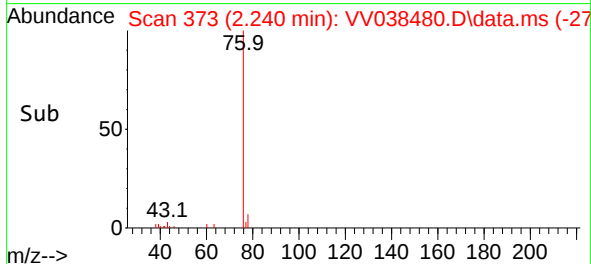
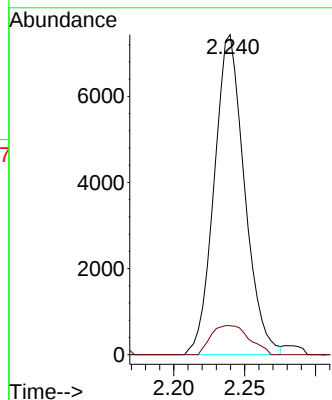
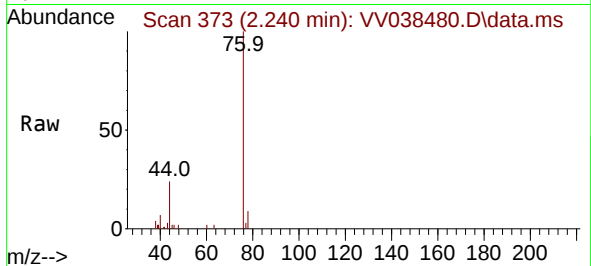




#14
Carbon disulfide
Concen: 0.183 ug/L
RT: 2.240 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

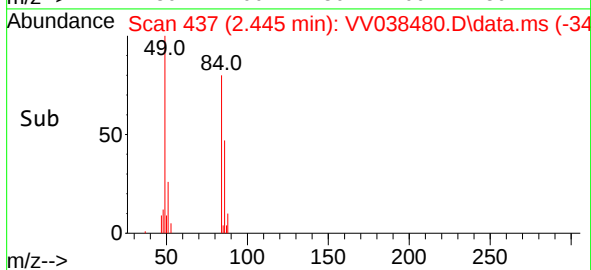
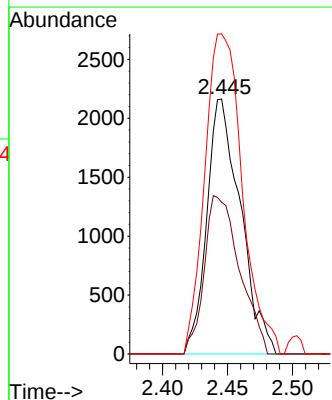
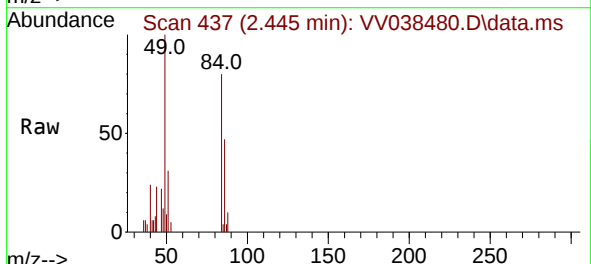
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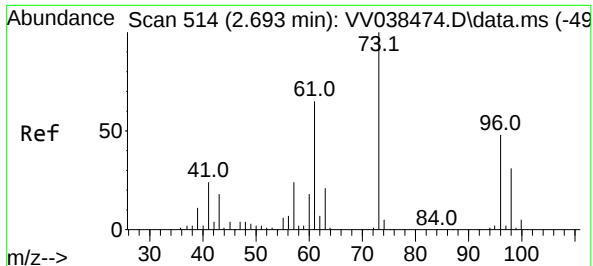
Tgt Ion: 76 Resp: 11077
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4



#16
Methylene chloride
Concen: 0.196 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.006 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

Tgt Ion: 84 Resp: 3909
Ion Ratio Lower Upper
84 100
86 59.5 44.7 82.9
49 125.5 84.1 156.1





#17

Methyl tert-butyl Ether

Concen: 0.164 ug/L

RT: 2.703 min Scan# 514

Delta R.T. 0.010 min

Lab File: VV038480.D

Acq: 21 Jan 2025 13:54

Instrument :

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ClientSampleId :

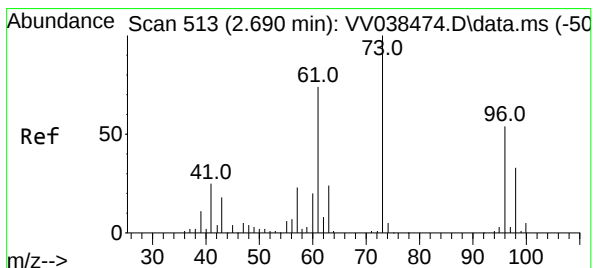
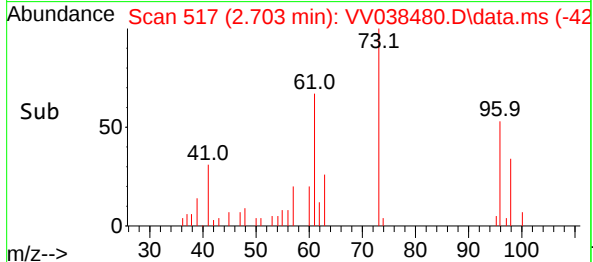
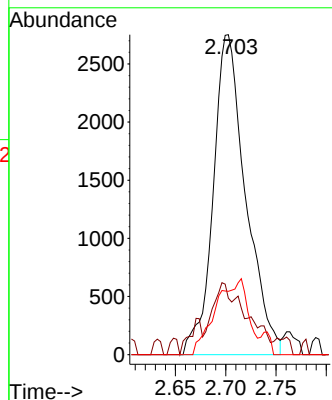
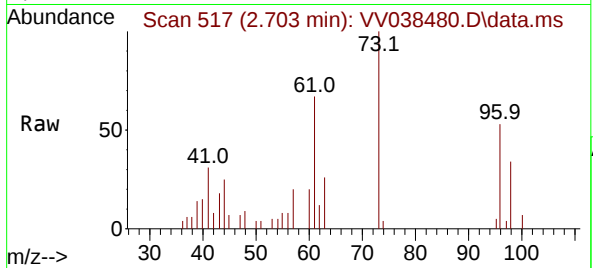
Tgt Ion: 73 Resp: 6206

Ion Ratio Lower Upper

73 100

43 8.3 14.6 21.8#

57 23.6 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 0.153 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.006 min

Lab File: VV038480.D

Acq: 21 Jan 2025 13:54

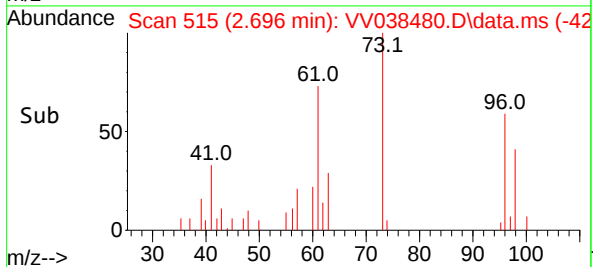
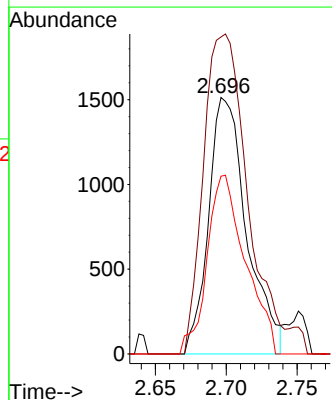
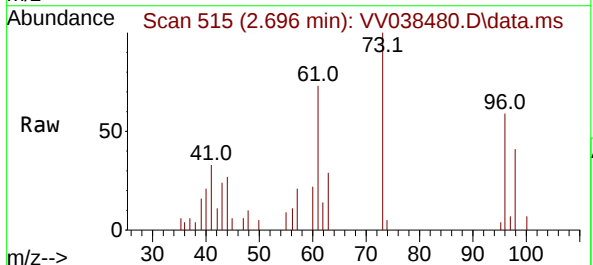
Tgt Ion: 96 Resp: 2837

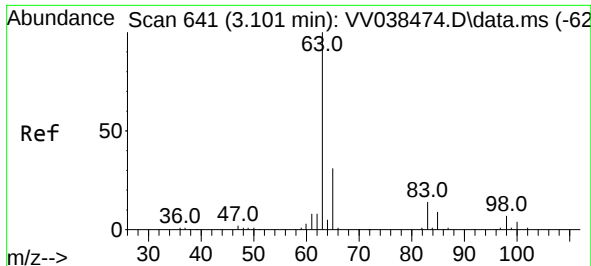
Ion Ratio Lower Upper

96 100

61 123.6 94.8 176.2

98 69.3 44.2 82.2





#19

1,1-Dichloroethane

Concen: 0.188 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.013 min

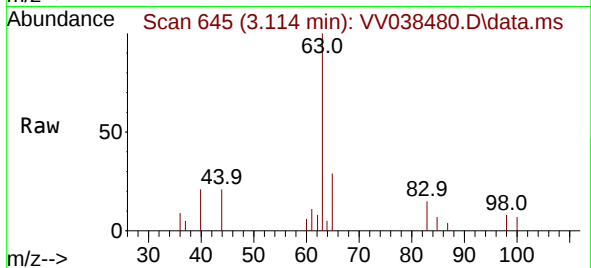
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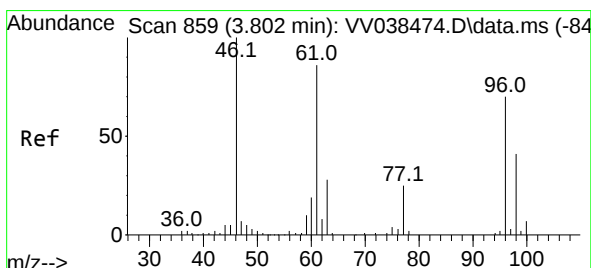
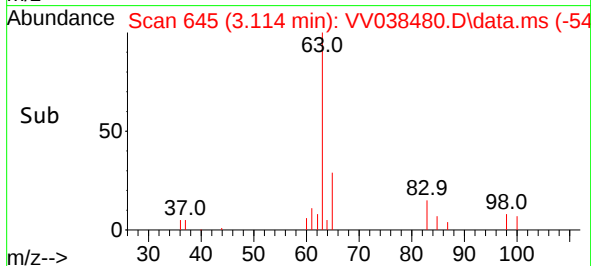
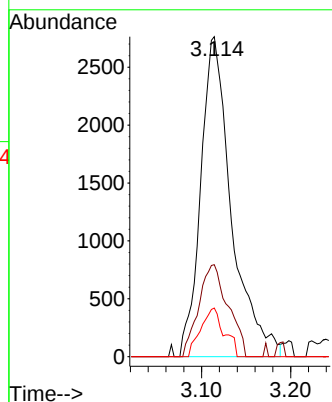
Tgt Ion: 63 Resp: 6624

Ion Ratio Lower Upper

63 100

65 28.8 22.5 41.9

83 15.2 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 0.155 ug/L

RT: 3.822 min Scan# 865

Delta R.T. 0.019 min

Lab File: VV038480.D

Acq: 21 Jan 2025 13:54

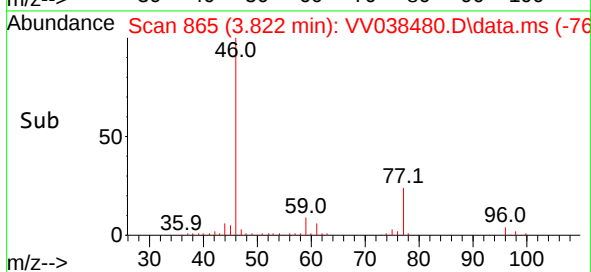
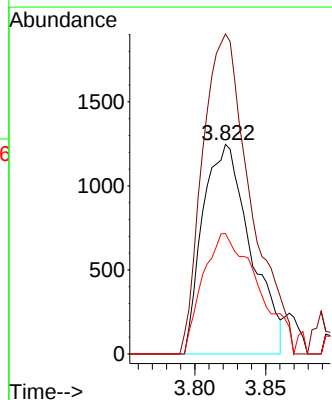
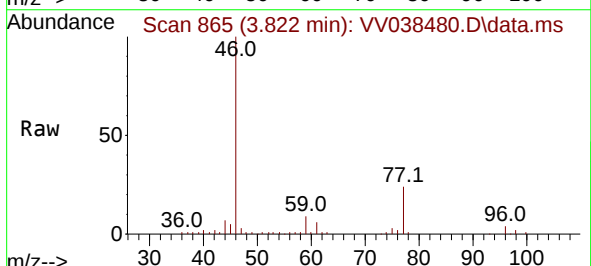
Tgt Ion: 96 Resp: 2909

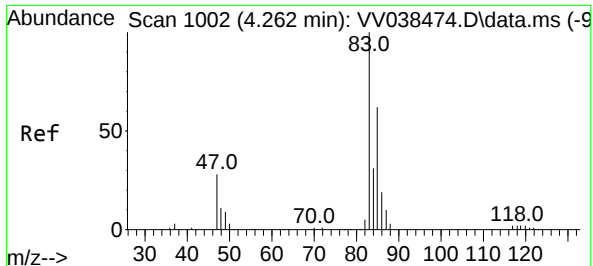
Ion Ratio Lower Upper

96 100

61 152.7 86.5 160.7

98 57.5 43.8 81.3

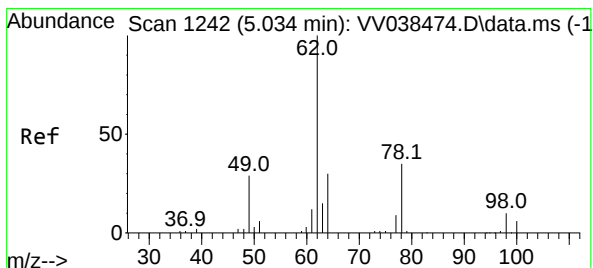
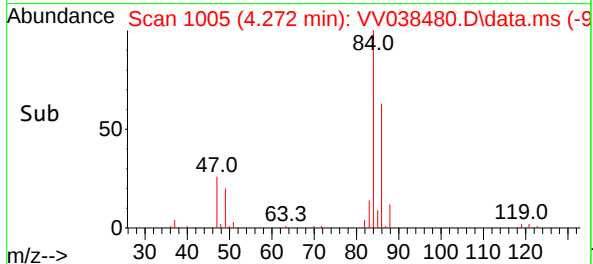
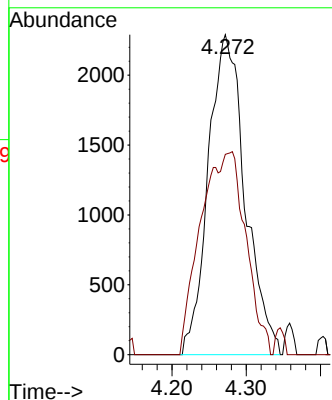
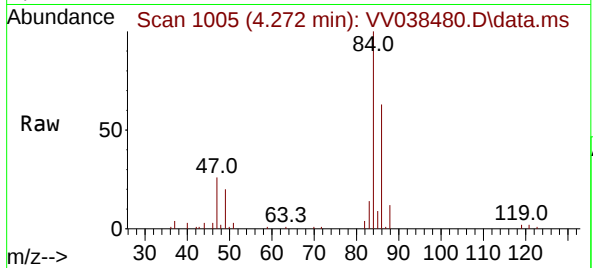




#25
Chloroform
Concen: 0.227 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.010 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

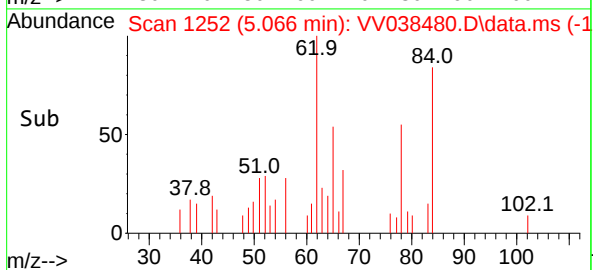
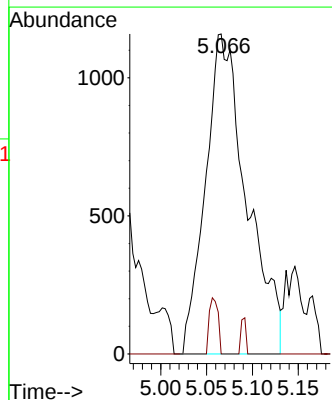
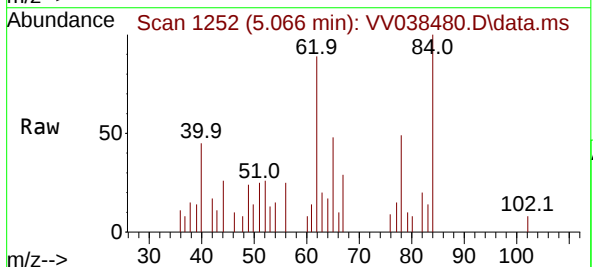
Instrument :
MSVOA_V
ClientSampleId :

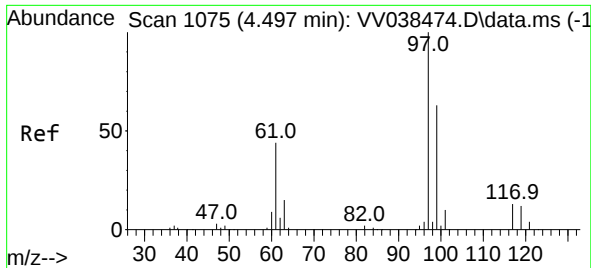
Tgt Ion: 83 Resp: 7897
Ion Ratio Lower Upper
83 100
85 62.6 44.0 81.8



#27
1,2-Dichloroethane
Concen: 0.187 ug/L
RT: 5.066 min Scan# 1252
Delta R.T. 0.032 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

Tgt Ion: 62 Resp: 3630
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.6#

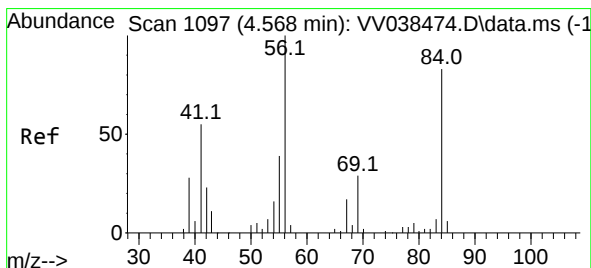
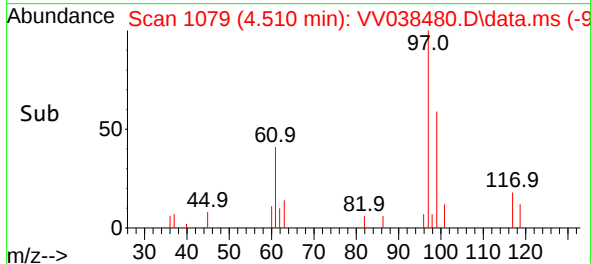
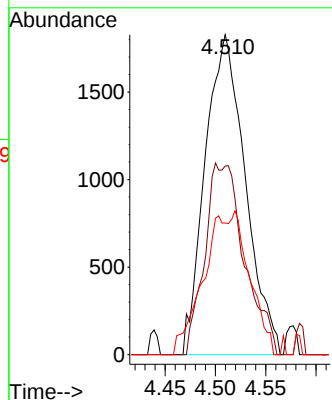
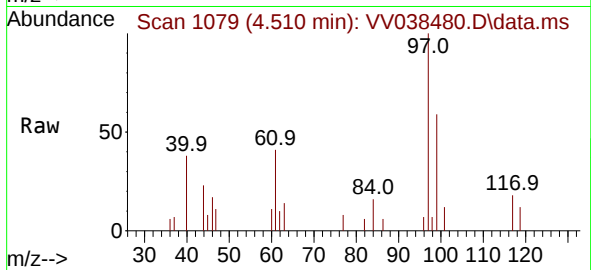




#29
1,1,1-Trichloroethane
Concen: 0.159 ug/L
RT: 4.510 min Scan# 1101
Delta R.T. 0.013 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

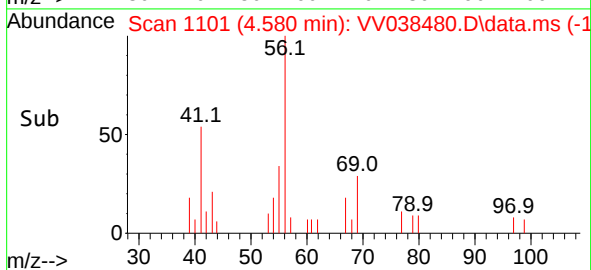
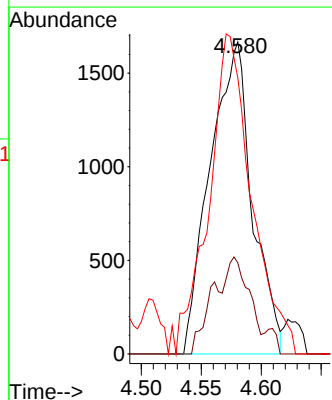
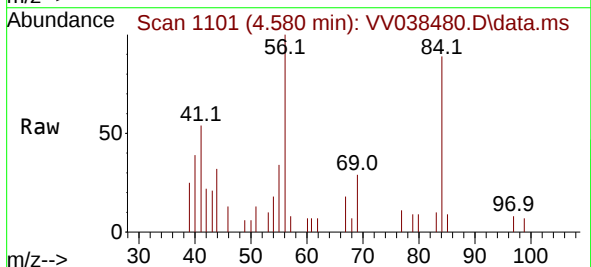
Instrument :
MSVOA_V
ClientSampleId :

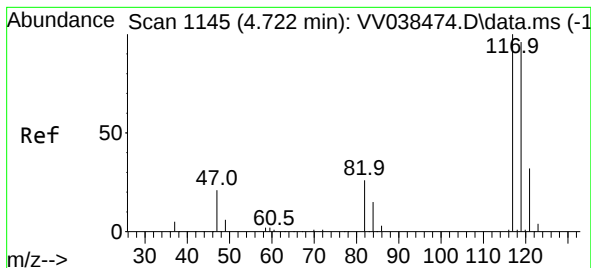
Tgt Ion: 97 Resp: 5074
Ion Ratio Lower Upper
97 100
99 27.1 52.9 79.3#
61 28.7 36.4 54.6#



#30
Cyclohexane
Concen: 0.140 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. 0.013 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

Tgt Ion: 56 Resp: 4078
Ion Ratio Lower Upper
56 100
69 17.4 24.7 37.1#
84 104.0 68.2 102.2#





#31

Carbon tetrachloride

Concen: 0.164 ug/L

RT: 4.732 min Scan# 1148

Delta R.T. 0.010 min

Lab File: VV038480.D

Acq: 21 Jan 2025 13:54

Instrument :

MSVOA_V

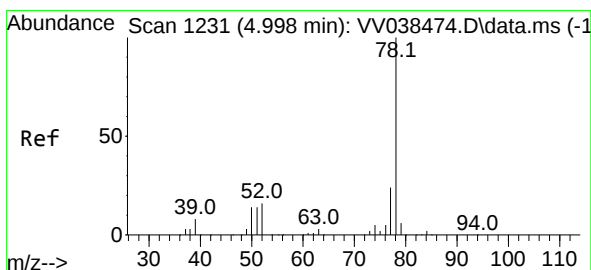
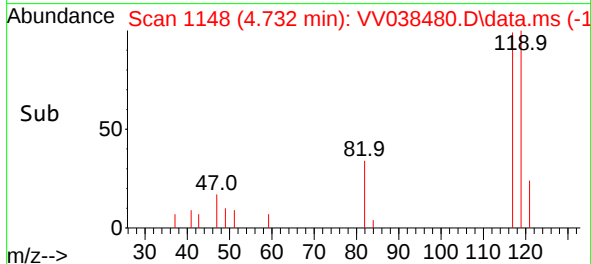
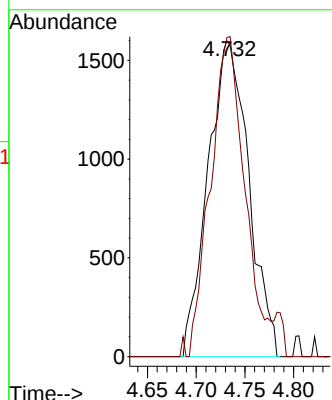
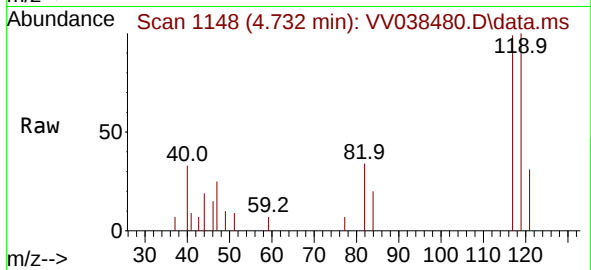
ClientSampleId :

Tgt Ion:117 Resp: 4635

Ion Ratio Lower Upper

117 100

119 85.4 76.6 115.0



#33

Benzene

Concen: 0.172 ug/L

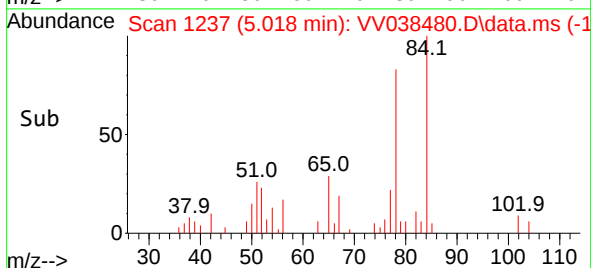
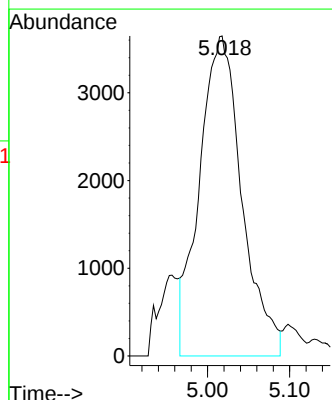
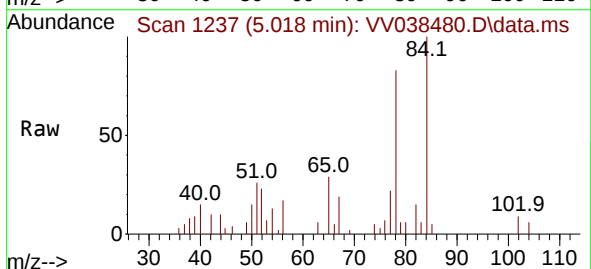
RT: 5.018 min Scan# 1237

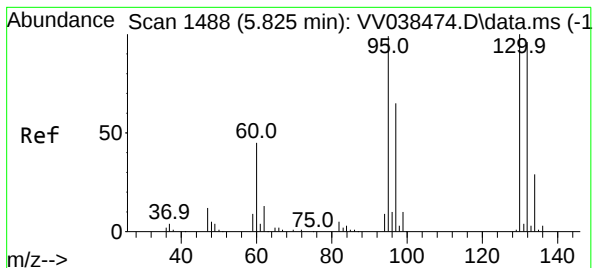
Delta R.T. 0.019 min

Lab File: VV038480.D

Acq: 21 Jan 2025 13:54

Tgt Ion: 78 Resp: 13110





#34

Trichloroethene

Concen: 0.170 ug/L

RT: 5.847 min Scan# 1488

Delta R.T. 0.022 min

Lab File: VV038480.D

Acq: 21 Jan 2025 13:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 3368

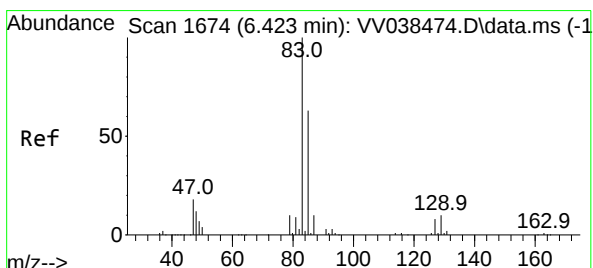
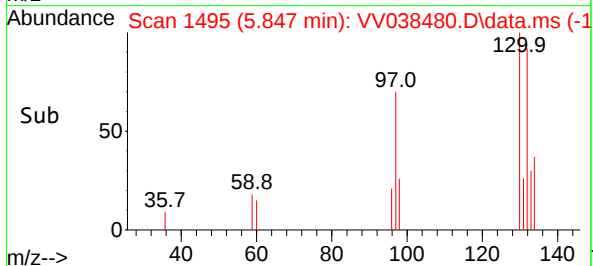
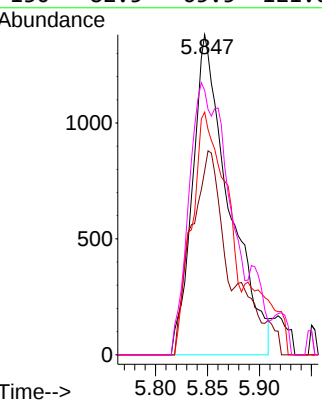
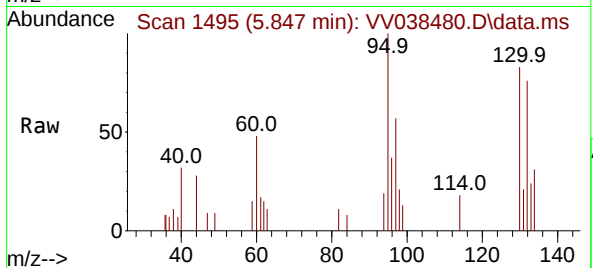
Ion Ratio Lower Upper

95 100

97 57.5 43.4 80.6

132 75.8 65.5 121.6

130 82.5 65.5 121.6



#38

Bromodichloromethane

Concen: 0.152 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.016 min

Lab File: VV038480.D

Acq: 21 Jan 2025 13:54

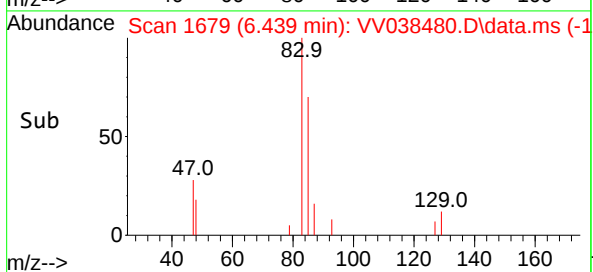
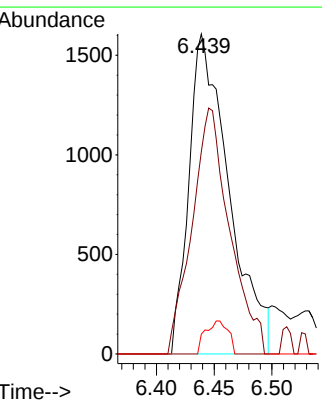
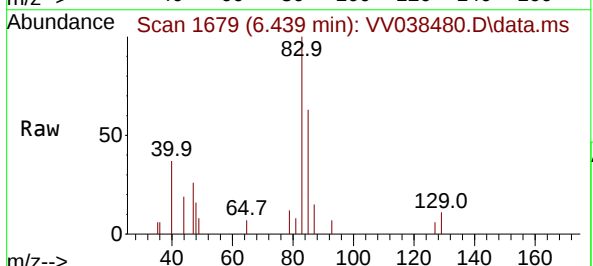
Tgt Ion: 83 Resp: 3875

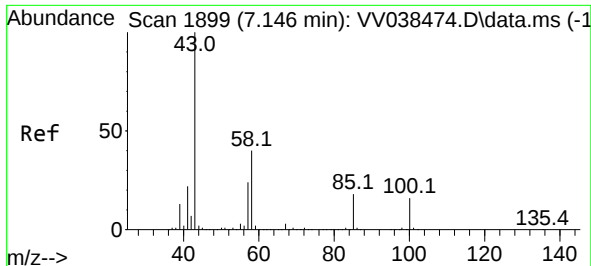
Ion Ratio Lower Upper

83 100

85 63.2 44.7 83.1

127 6.2 6.8 10.2#





#40

4-Methyl-2-pentanone

Concen: 0.944 ug/L

RT: 7.178 min Scan# 1909

Delta R.T. 0.032 min

Lab File: VV038480.D

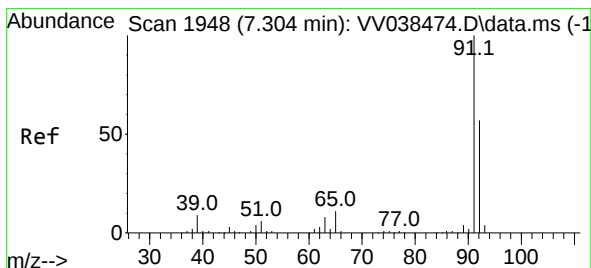
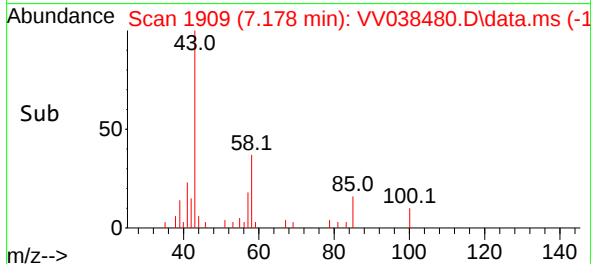
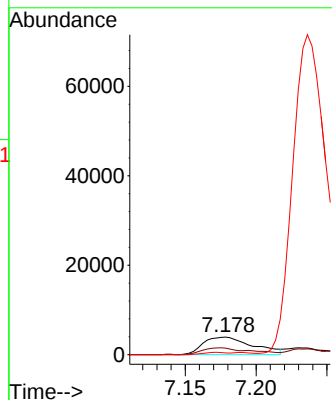
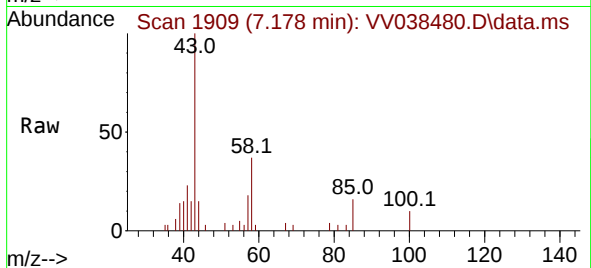
Acq: 21 Jan 2025 13:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	43	Resp:	9621
Ion	Ratio	Lower	Upper
43	100		
58	38.5	31.7	47.5
100	0.0	12.4	18.6



#42

Toluene

Concen: 0.151 ug/L

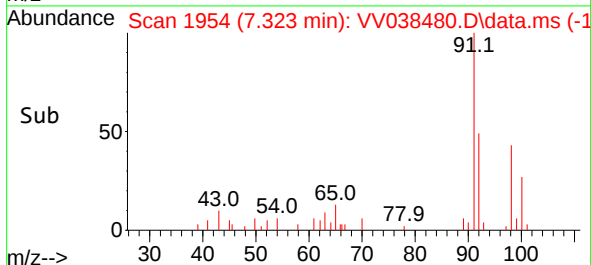
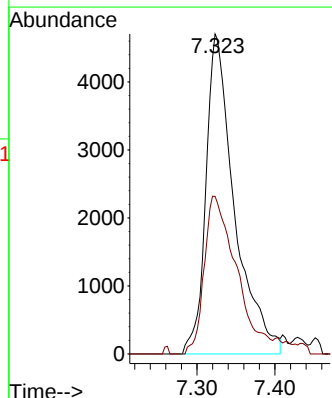
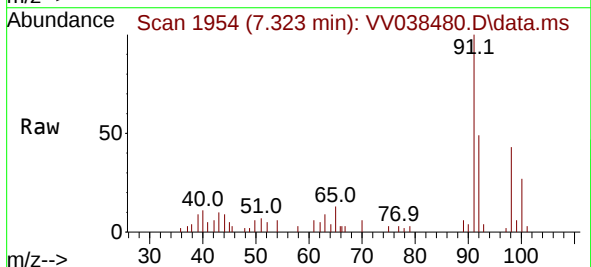
RT: 7.323 min Scan# 1954

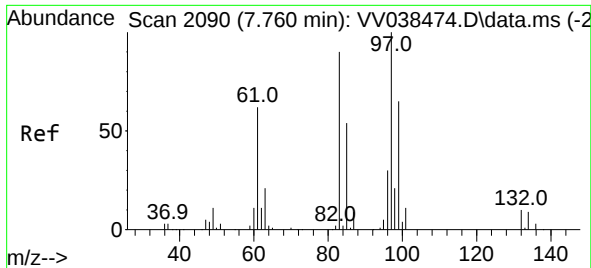
Delta R.T. 0.019 min

Lab File: VV038480.D

Acq: 21 Jan 2025 13:54

Tgt Ion:	91	Resp:	11993
Ion	Ratio	Lower	Upper
91	100		
92	49.2	40.6	75.4

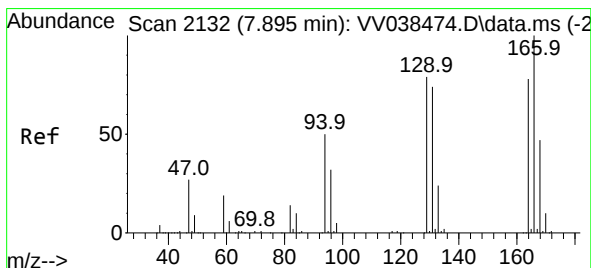
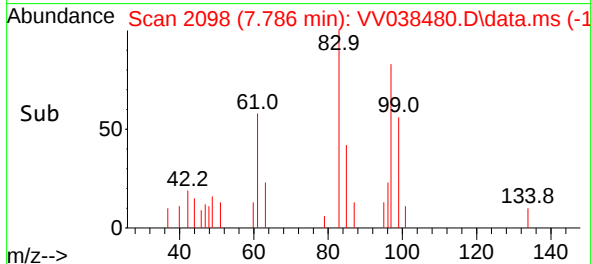
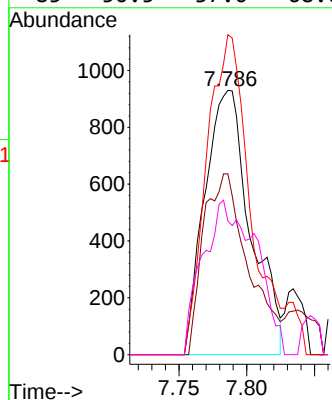
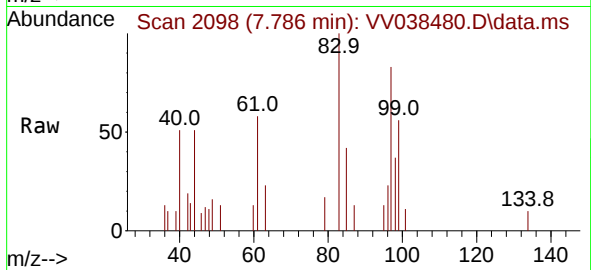




#45
1,1,2-Trichloroethane
Concen: 0.154 ug/L
RT: 7.786 min Scan# 2098
Delta R.T. 0.026 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

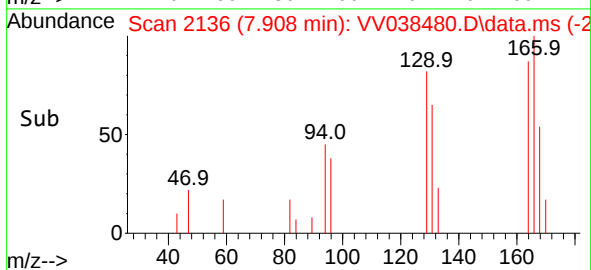
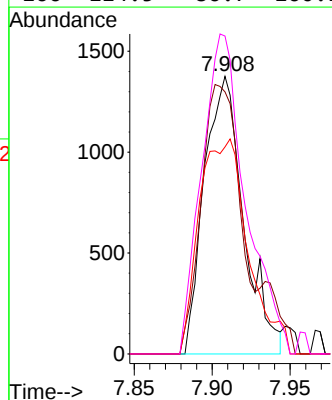
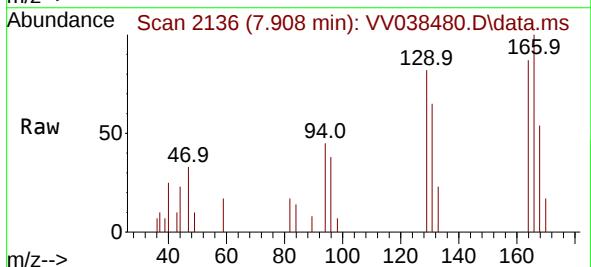
Instrument :
MSVOA_V
ClientSampleId :

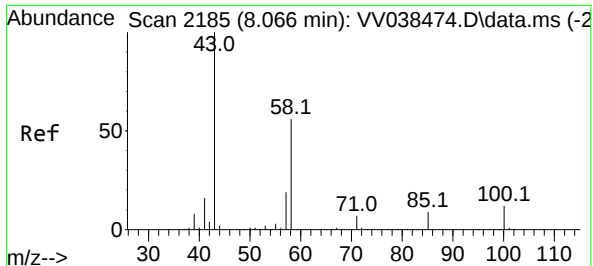
Tgt Ion: 97	Resp: 2187
Ion Ratio	Lower Upper
97 100	
99 68.4	42.3 78.5
83 121.1	59.4 110.4#
85 50.5	37.0 68.6



#47
Tetrachloroethene
Concen: 0.157 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.013 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

Tgt Ion:164	Resp: 2410		
Ion	Ratio	Lower	Upper
164	100		
129	94.4	68.9	127.9
131	74.6	65.2	121.2
166	114.5	86.7	160.9





#48

2-Hexanone

Concen: 4.455 ug/L

RT: 8.085 min Scan# 2185

Delta R.T. 0.019 min

Lab File: VV038480.D

Acq: 21 Jan 2025 13:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 32882

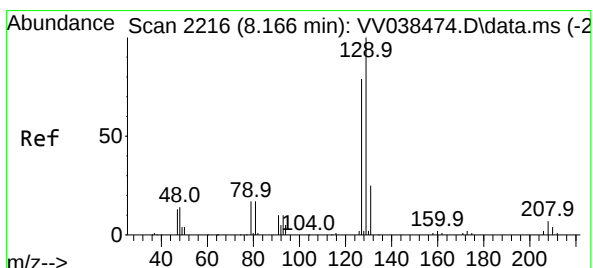
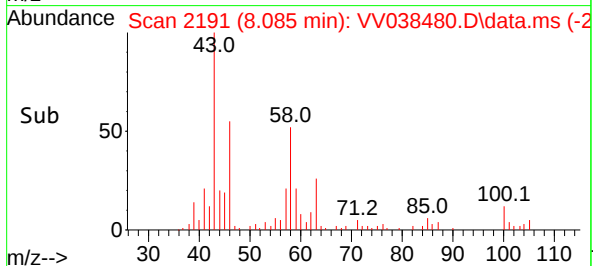
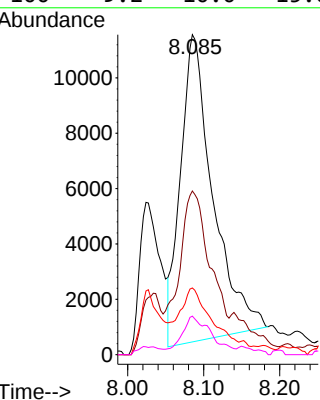
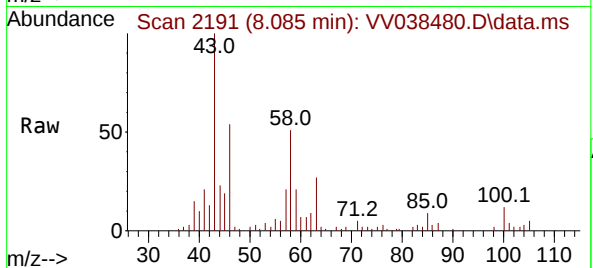
Ion Ratio Lower Upper

43 100

58 39.5 43.6 65.4#

57 16.8 15.0 22.4

100 9.2 10.0 15.0#



#49

Dibromochloromethane

Concen: 0.142 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.006 min

Lab File: VV038480.D

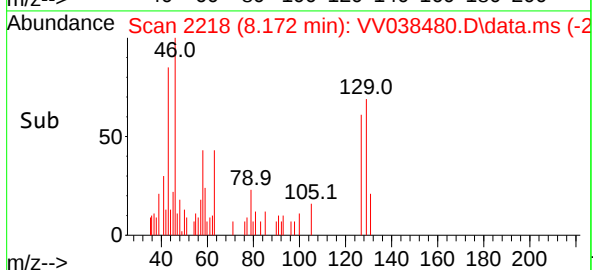
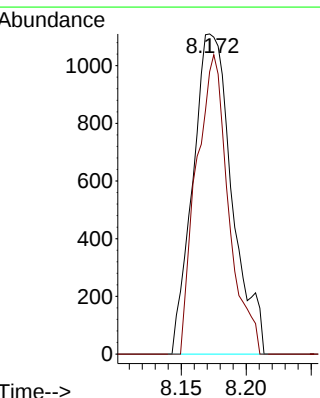
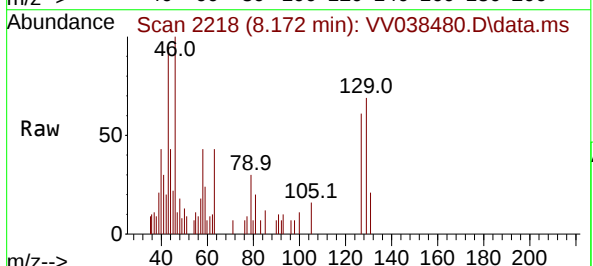
Acq: 21 Jan 2025 13:54

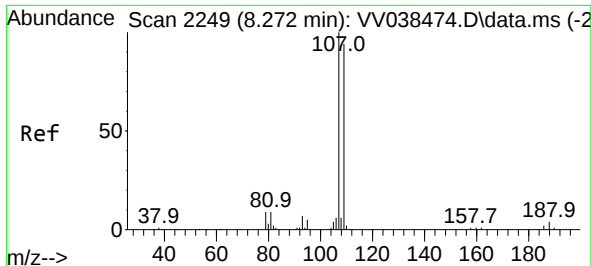
Tgt Ion: 129 Resp: 2324

Ion Ratio Lower Upper

129 100

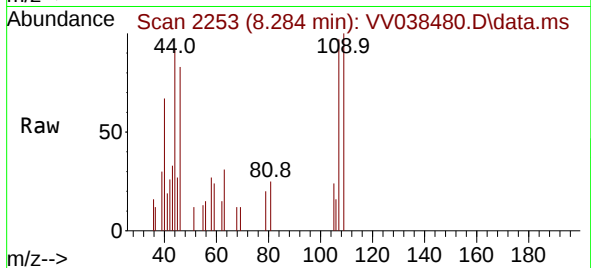
127 88.2 52.8 98.2



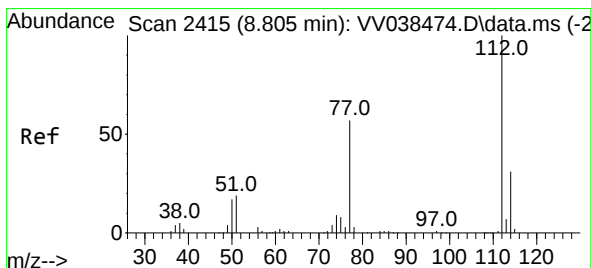
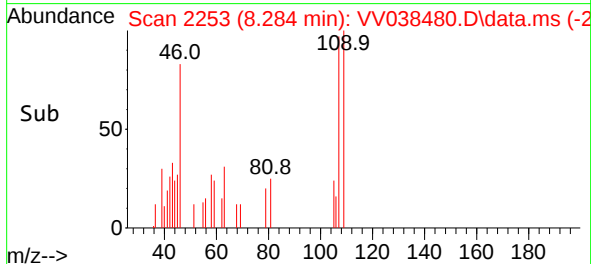
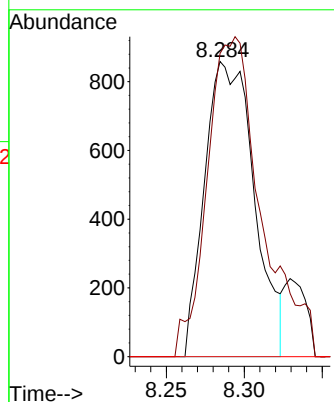


#50
1,2-Dibromoethane
Concen: 0.144 ug/L
RT: 8.284 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

Instrument :
MSVOA_V
ClientSampleId :

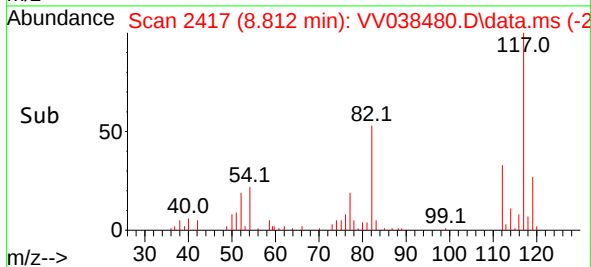
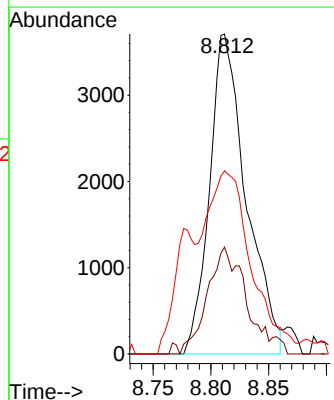
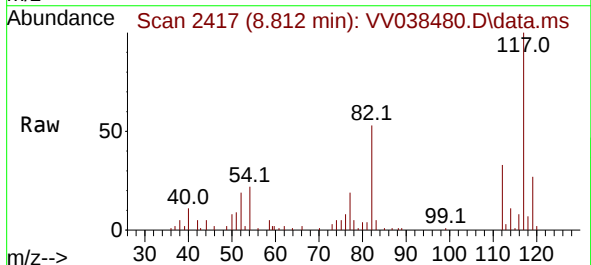


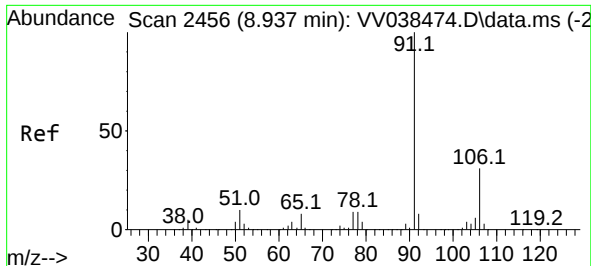
Tgt Ion:107 Resp: 1902
Ion Ratio Lower Upper
107 100
109 102.7 65.9 122.3
188 0.0 2.8 4.2#



#51
Chlorobenzene
Concen: 0.153 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.006 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

Tgt Ion:112 Resp: 8207
Ion Ratio Lower Upper
112 100
114 33.4 22.9 42.5
77 57.3 46.1 69.1

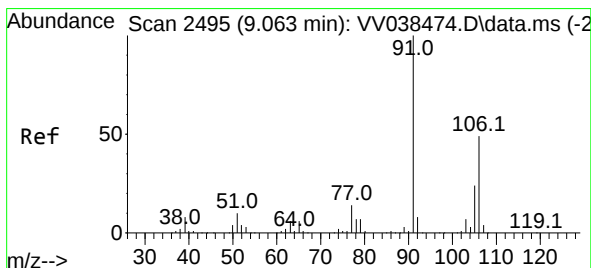
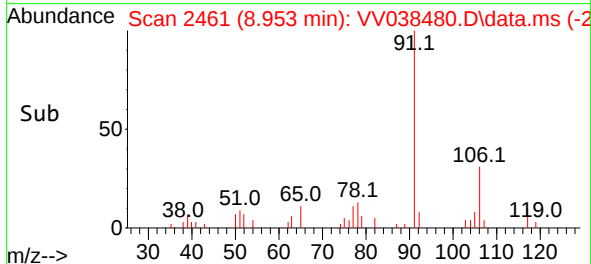
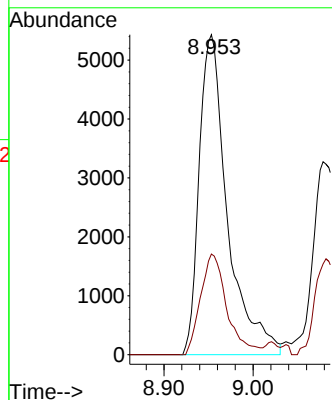
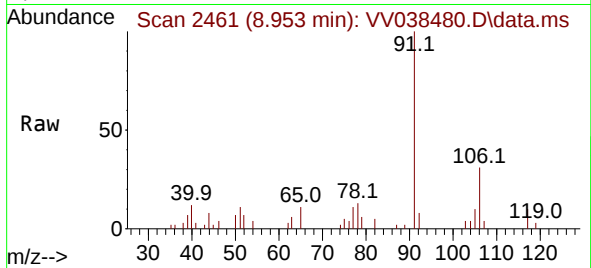




#52
Ethylbenzene
Concen: 0.140 ug/L
RT: 8.953 min Scan# 2456
Delta R.T. 0.016 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

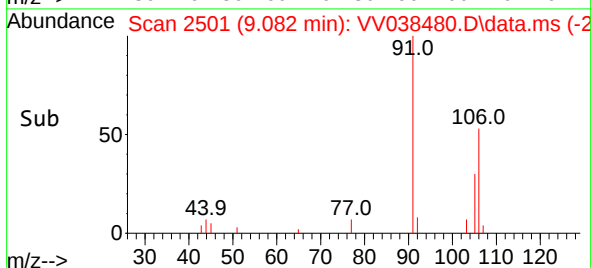
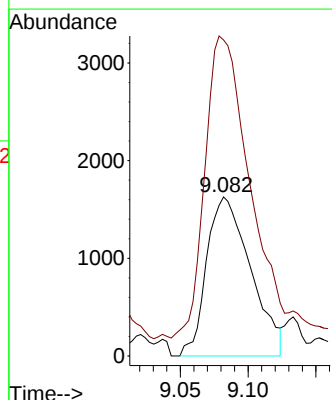
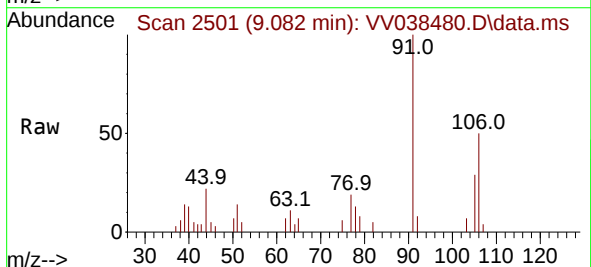
Instrument :
MSVOA_V
ClientSampleId :

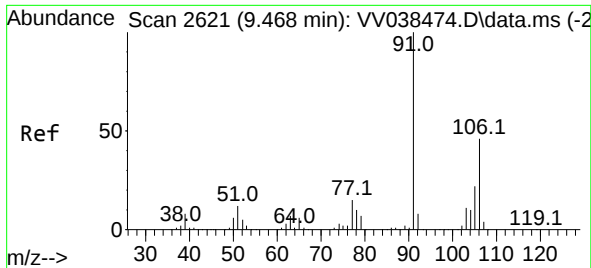
Tgt Ion: 91 Resp: 11972
Ion Ratio Lower Upper
91 100
106 31.5 22.0 40.8



#53
m,p-Xylene
Concen: 0.113 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.019 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

Tgt Ion: 106 Resp: 3668
Ion Ratio Lower Upper
106 100
91 198.7 148.2 275.2

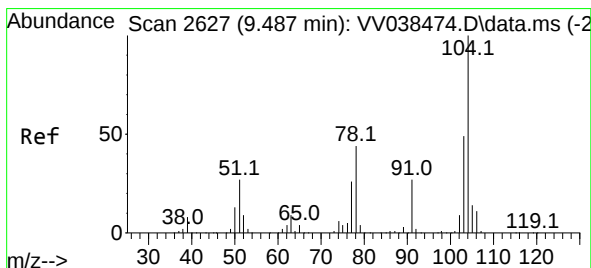
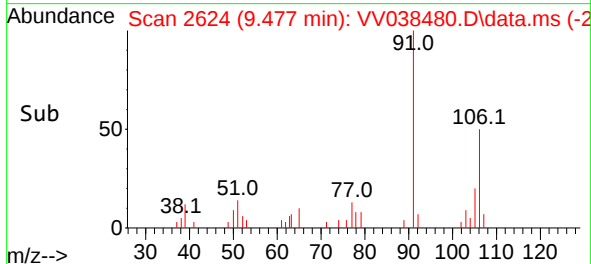
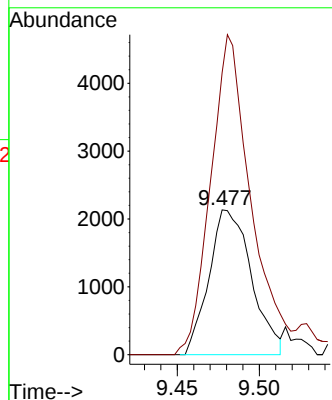
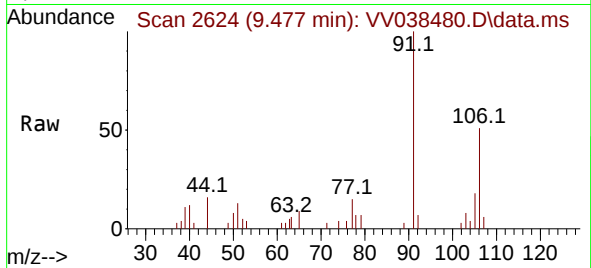




#54
o-Xylene
Concen: 0.124 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.010 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

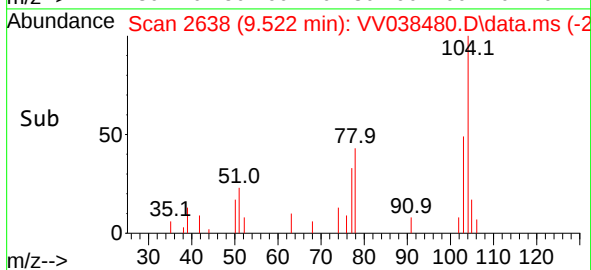
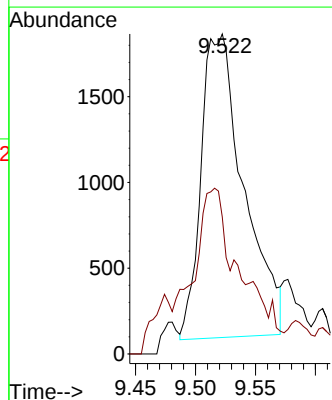
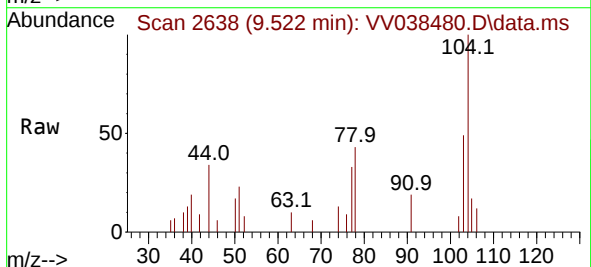
Instrument :
MSVOA_V
ClientSampleId :

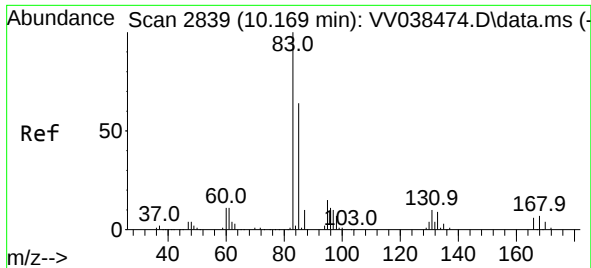
Tgt Ion:106 Resp: 3833
Ion Ratio Lower Upper
106 100
91 194.7 151.4 281.2



#55
Styrene
Concen: 0.082 ug/L
RT: 9.522 min Scan# 2638
Delta R.T. 0.035 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

Tgt Ion:104 Resp: 4392
Ion Ratio Lower Upper
104 100
78 42.8 30.8 57.2

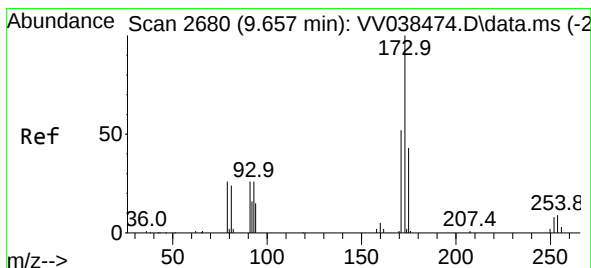
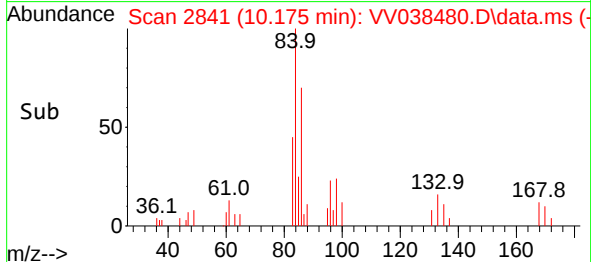
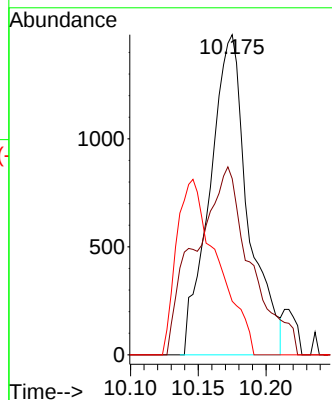
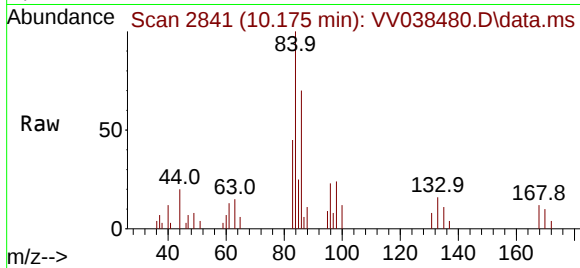




#57
 1,1,2,2-Tetrachloroethane
 Concen: 0.169 ug/L
 RT: 10.175 min Scan# 2841
 Delta R.T. 0.006 min
 Lab File: VV038480.D
 Acq: 21 Jan 2025 13:54

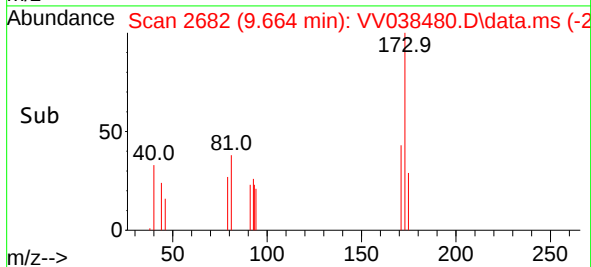
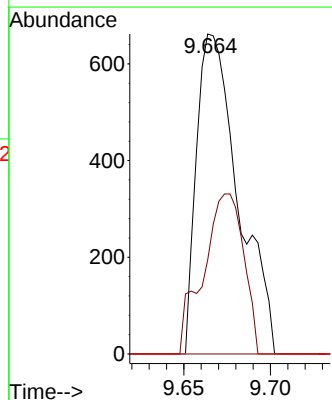
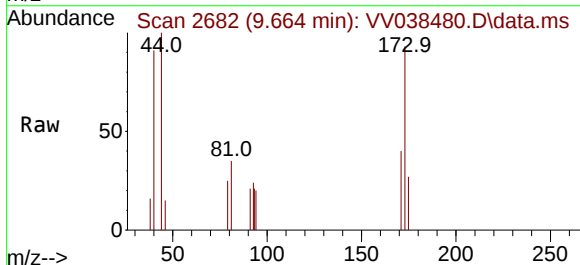
Instrument :
 MSVOA_V
 ClientSampleId :

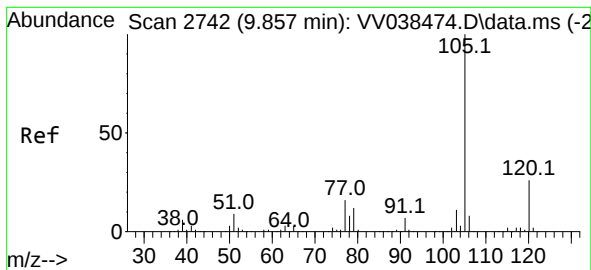
Tgt Ion: 83 Resp: 2908
 Ion Ratio Lower Upper
 83 100
 85 55.0 45.1 83.7
 131 16.7 7.5 11.3#



#59
 Bromoform
 Concen: 0.163 ug/L
 RT: 9.664 min Scan# 2682
 Delta R.T. 0.006 min
 Lab File: VV038480.D
 Acq: 21 Jan 2025 13:54

Tgt Ion: 173 Resp: 1109
 Ion Ratio Lower Upper
 173 100
 175 48.3 37.6 56.4
 254 0.0 5.6 8.4#





#60

Isopropylbenzene

Concen: 0.150 ug/L

RT: 9.866 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV038480.D

Acq: 21 Jan 2025 13:54

Instrument :

MSVOA_V

ClientSampleId :

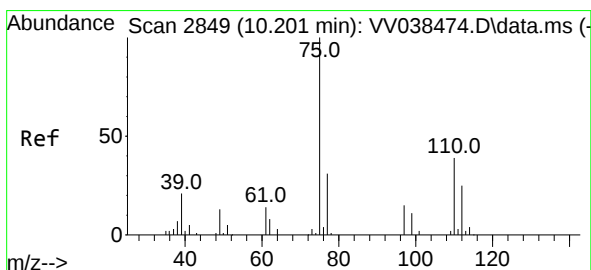
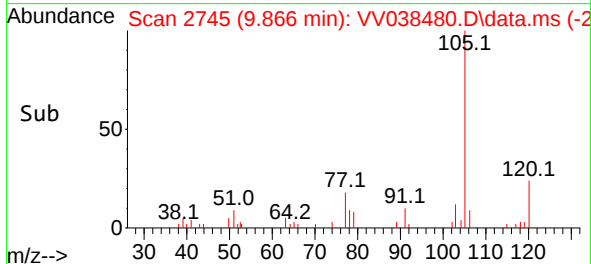
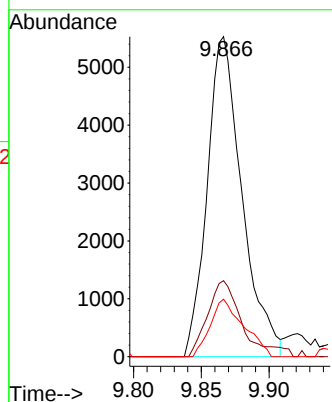
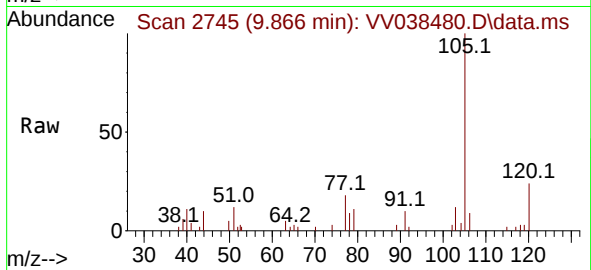
Tgt Ion:105 Resp: 9868

Ion Ratio Lower Upper

105 100

120 23.6 21.4 32.2

77 17.1 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 0.190 ug/L

RT: 10.210 min Scan# 2852

Delta R.T. 0.010 min

Lab File: VV038480.D

Acq: 21 Jan 2025 13:54

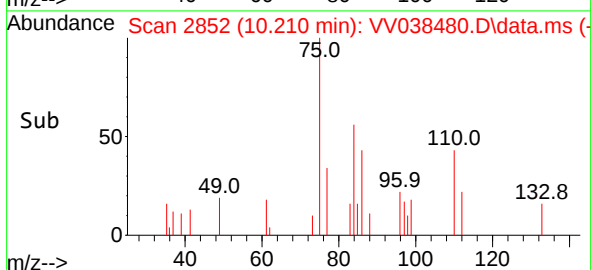
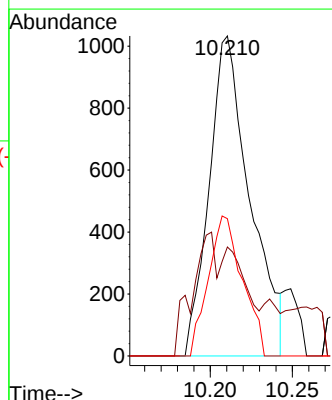
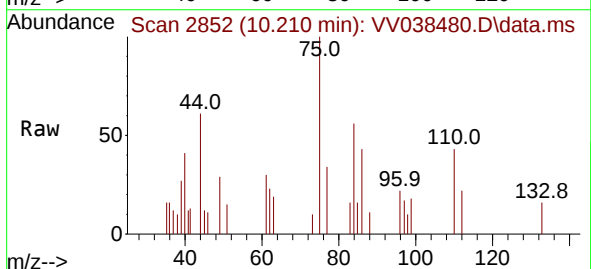
Tgt Ion: 75 Resp: 1783

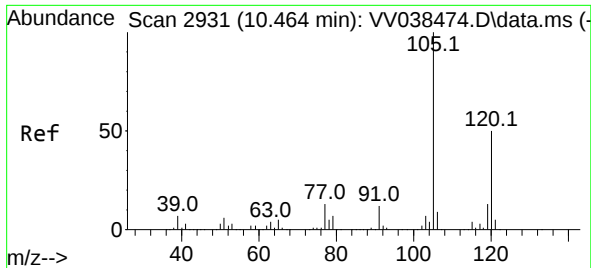
Ion Ratio Lower Upper

75 100

77 10.3 25.4 38.0#

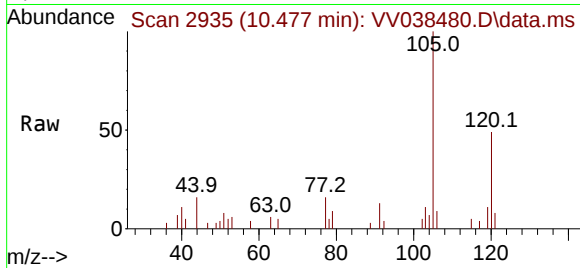
110 36.6 32.6 48.8



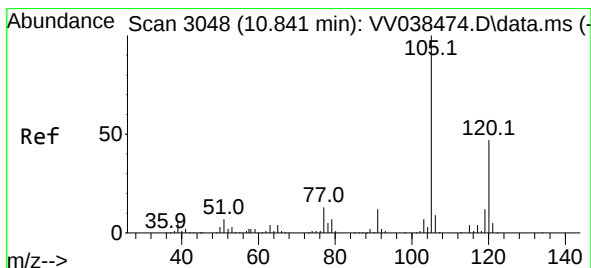
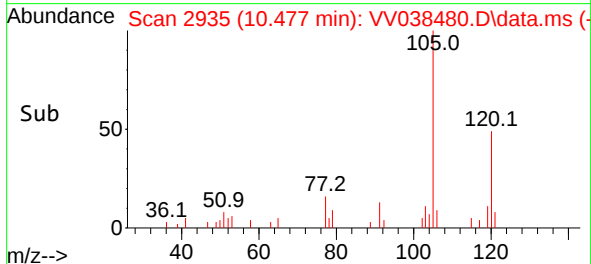
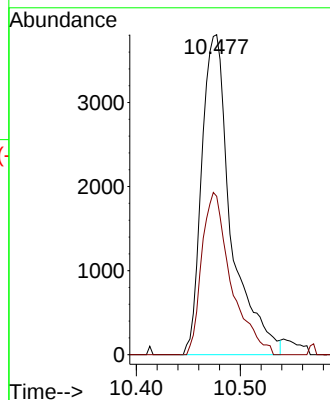


#62
1,3,5-Trimethylbenzene
Concen: 0.145 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. 0.013 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

Instrument :
MSVOA_V
ClientSampleId :

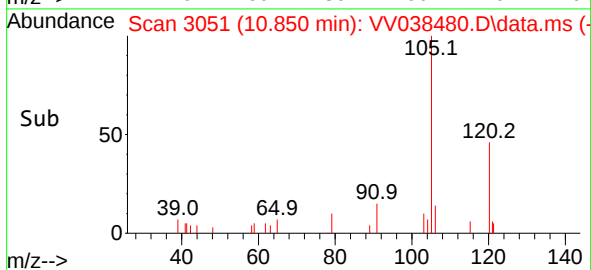
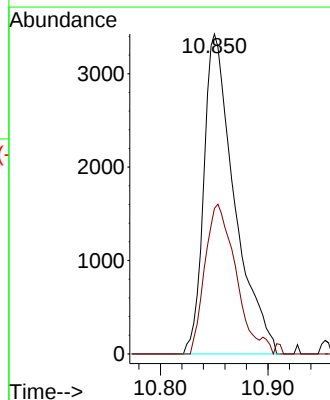
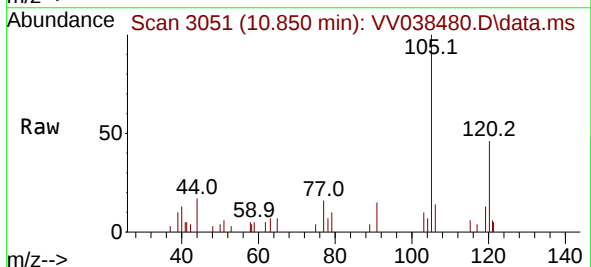


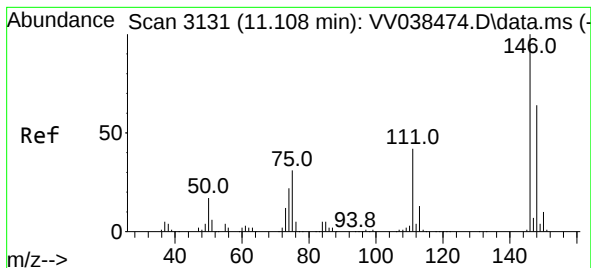
Tgt Ion:105 Resp: 7454
Ion Ratio Lower Upper
105 100
120 50.5 39.4 59.0



#63
1,2,4-Trimethylbenzene
Concen: 0.131 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.010 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

Tgt Ion:105 Resp: 6758
Ion Ratio Lower Upper
105 100
120 47.6 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 0.163 ug/L

RT: 11.120 min Scan# 3113

Delta R.T. 0.013 min

Lab File: VV038480.D

Acq: 21 Jan 2025 13:54

Instrument :

MSVOA_V

ClientSampleId :

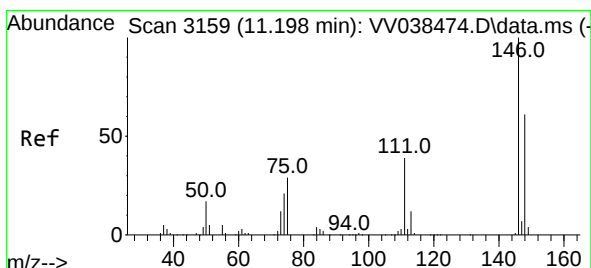
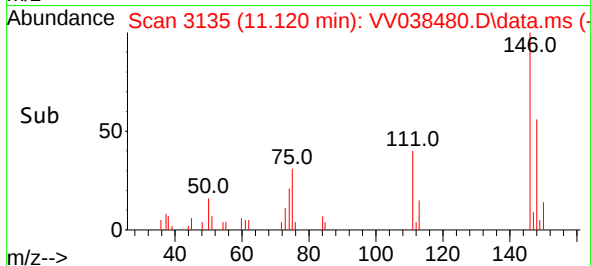
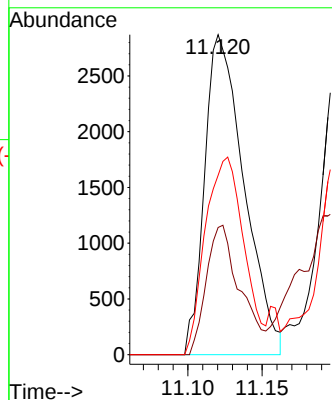
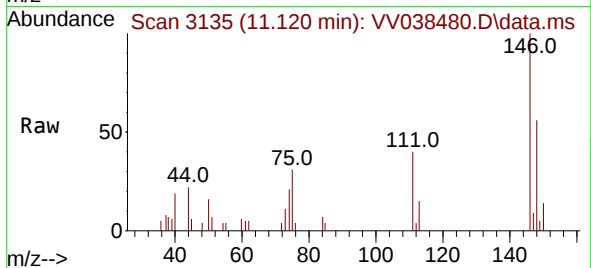
Tgt Ion:146 Resp: 5310

Ion Ratio Lower Upper

146 100

111 39.8 27.9 51.9

148 56.1 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 0.156 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.006 min

Lab File: VV038480.D

Acq: 21 Jan 2025 13:54

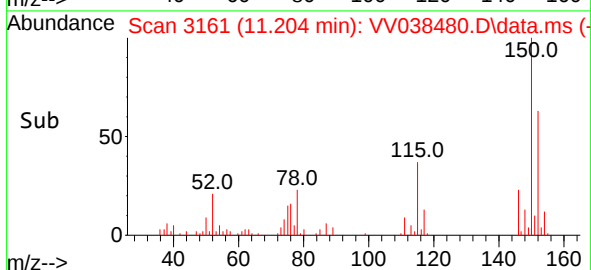
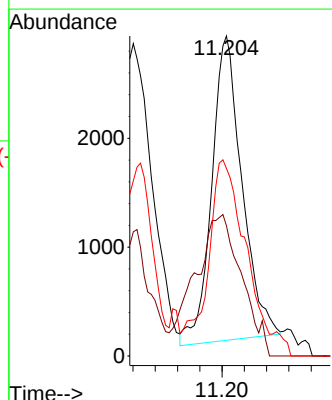
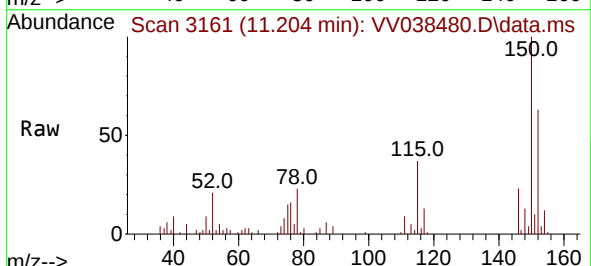
Tgt Ion:146 Resp: 5271

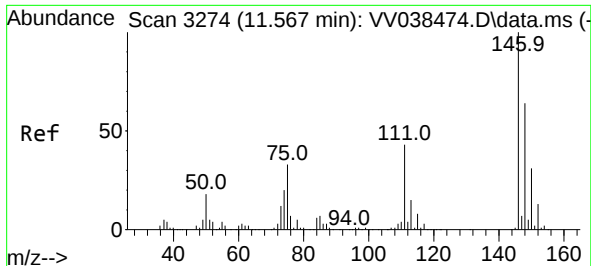
Ion Ratio Lower Upper

146 100

111 40.7 28.1 52.3

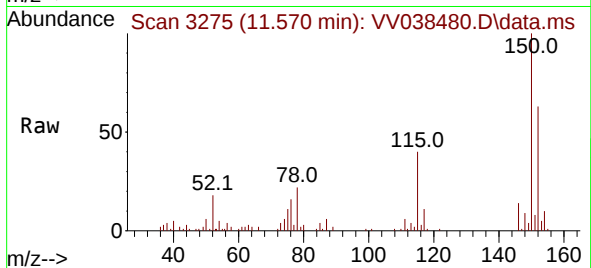
148 58.6 44.7 83.1



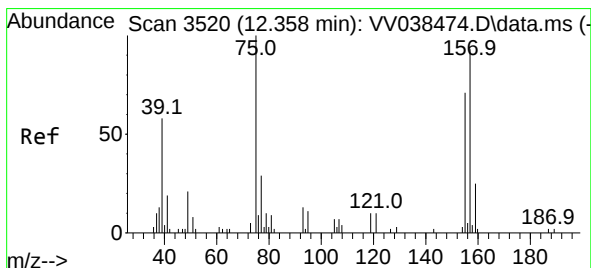
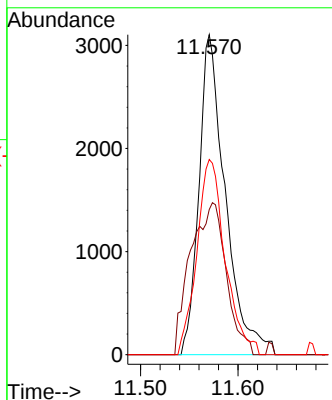
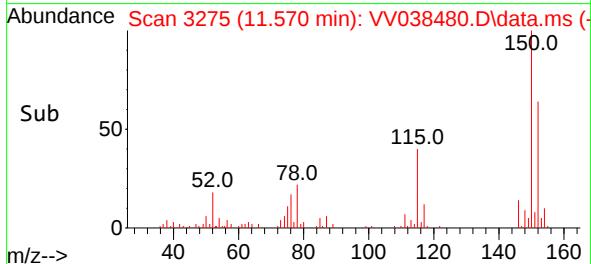


#67
1,2-Dichlorobenzene
Concen: 0.191 ug/L
RT: 11.570 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

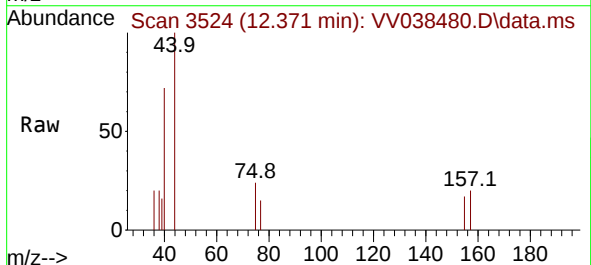
Instrument :
MSVOA_V
ClientSampleId :



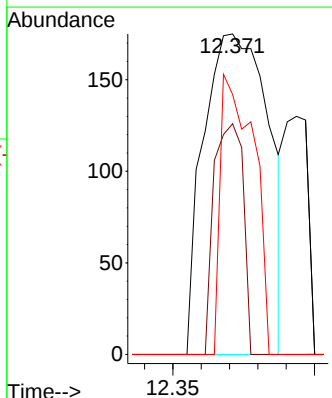
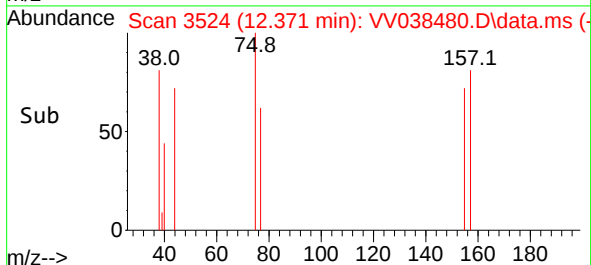
Tgt Ion:146 Resp: 5840
Ion Ratio Lower Upper
146 100
111 45.4 33.4 50.0
148 61.0 49.9 74.9

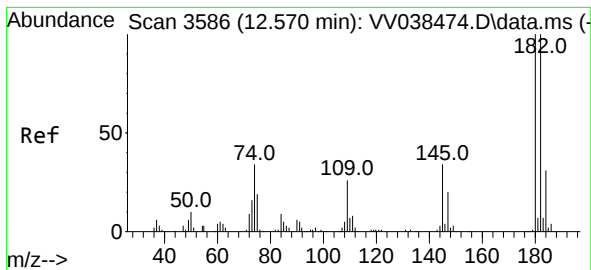


#68
1,2-Dibromo-3-chloropropane
Concen: 0.144 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. 0.013 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54



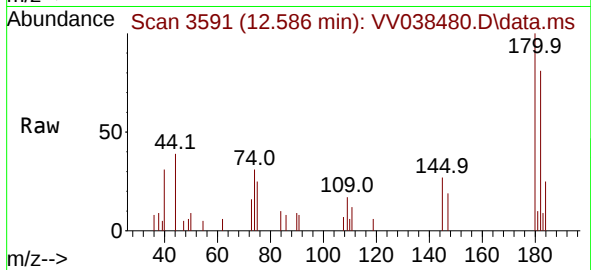
Tgt Ion: 75 Resp: 279
Ion Ratio Lower Upper
75 100
155 72.0 56.7 85.1
157 81.1 74.4 111.6



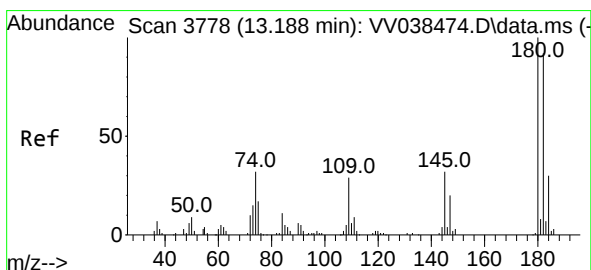
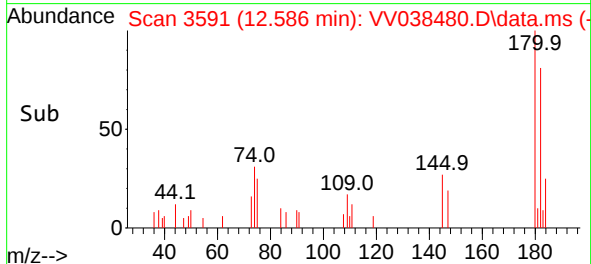
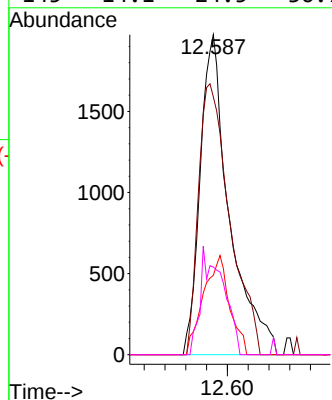


#69
 1,3,5-Trichlorobenzene
 Concen: 0.171 ug/L
 RT: 12.586 min Scan# 31
 Delta R.T. 0.016 min
 Lab File: VV038480.D
 Acq: 21 Jan 2025 13:54

Instrument :
 MSVOA_V
 ClientSampleId :

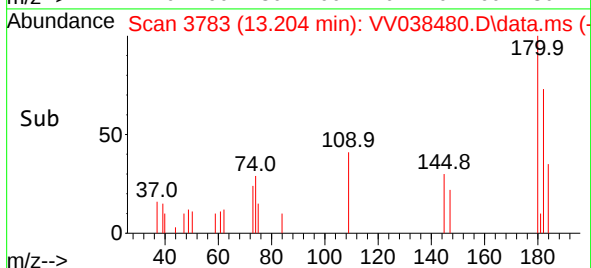
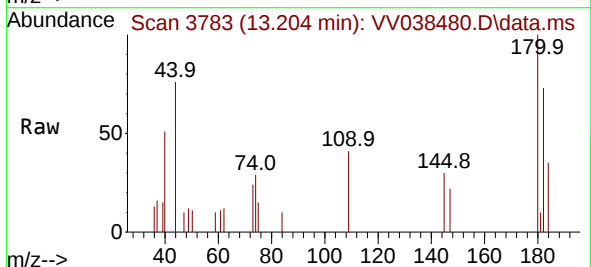
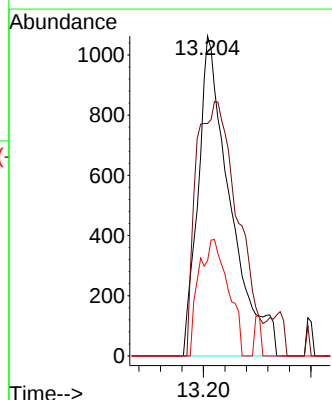


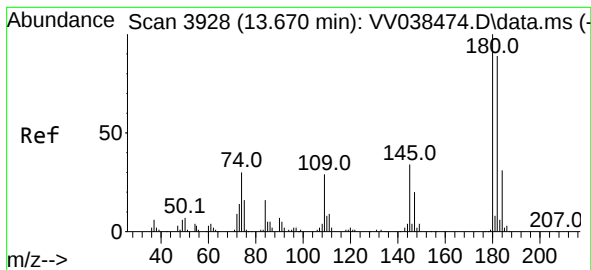
Tgt Ion:180 Resp: 3837
 Ion Ratio Lower Upper
 180 100
 182 90.6 74.3 111.5
 184 27.7 23.2 34.8
 145 14.1 24.5 36.7#



#70
 1,2,4-trichlorobenzene
 Concen: 0.131 ug/L
 RT: 13.204 min Scan# 3783
 Delta R.T. 0.016 min
 Lab File: VV038480.D
 Acq: 21 Jan 2025 13:54

Tgt Ion:180 Resp: 2193
 Ion Ratio Lower Upper
 180 100
 182 103.5 77.5 116.3
 145 33.2 26.2 39.4





#72

1,2,3-Trichlorobenzene

Concen: 0.143 ug/L

RT: 13.686 min Scan# 39

Delta R.T. 0.016 min

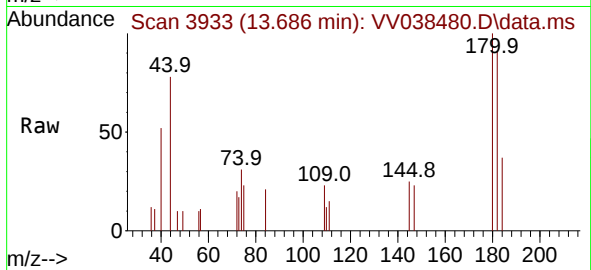
Lab File: VV038480.D

Acq: 21 Jan 2025 13:54

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 2059

Ion Ratio Lower Upper

180 100

182 98.0 77.0 115.6

145 20.7 27.1 40.7#

