

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW012125\
 Data File : VW038478.D
 Acq On : 21 Jan 2025 13:06
 Operator : SY/MD
 Sample : MDL03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 22 02:53:55 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	5.526	114	218470	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	230891	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	94811	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	72880	4.045	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.532	69	67020	4.430	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.056	65	34004	4.188	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	3.809	46	131508	34.705	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.420%
24) Chloroform-d	4.240	84	149333	4.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	4.934	65	67064	4.334	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	4.950	84	278160	4.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	5.979	67	87761	4.540	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.236	98	217479	3.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
43) trans-1,3-Dichloroprop...	7.555	79	24815	3.510	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.200%
46) 2-Hexanone-d5	8.024	63	84655	30.348	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	60.700%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	61118	3.988	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.800%
66) 1,2-Dichlorobenzene-d4	11.551	152	75399	4.699	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	4609	0.188	ug/L	97
5) Vinyl chloride	1.282	62	5061	0.200	ug/L #	23
6) Bromomethane	1.487	94	2887	0.228	ug/L	88
8) Chloroethane	1.548	64	3194	0.211	ug/L	90
9) Trichlorofluoromethane	1.712	101	6271	0.195	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	4691	0.255	ug/L	87
12) 1,1-Dichloroethene	2.066	96	4682	0.258	ug/L #	1
14) Carbon disulfide	2.236	76	12310	0.202	ug/L	96
16) Methylene chloride	2.449	84	4112	0.205	ug/L	92
17) Methyl tert-butyl Ether	2.703	73	6373	0.167	ug/L #	92
18) trans-1,2-Dichloroethene	2.700	96	3746	0.201	ug/L	90
22) cis-1,2-Dichloroethene	3.815	96	3284	0.173	ug/L	91
23) Bromochloromethane	4.156	128	1573	0.183	ug/L	91
25) Chloroform	4.272	83	8165	0.233	ug/L	94
27) 1,2-Dichloroethane	5.066	62	3798	0.195	ug/L #	85
29) 1,1,1-Trichloroethane	4.503	97	5886	0.192	ug/L	93
30) Cyclohexane	4.577	56	4471	0.160	ug/L	84
31) Carbon tetrachloride	4.725	117	4980	0.184	ug/L	89
33) Benzene	5.008	78	11495	0.157	ug/L	100

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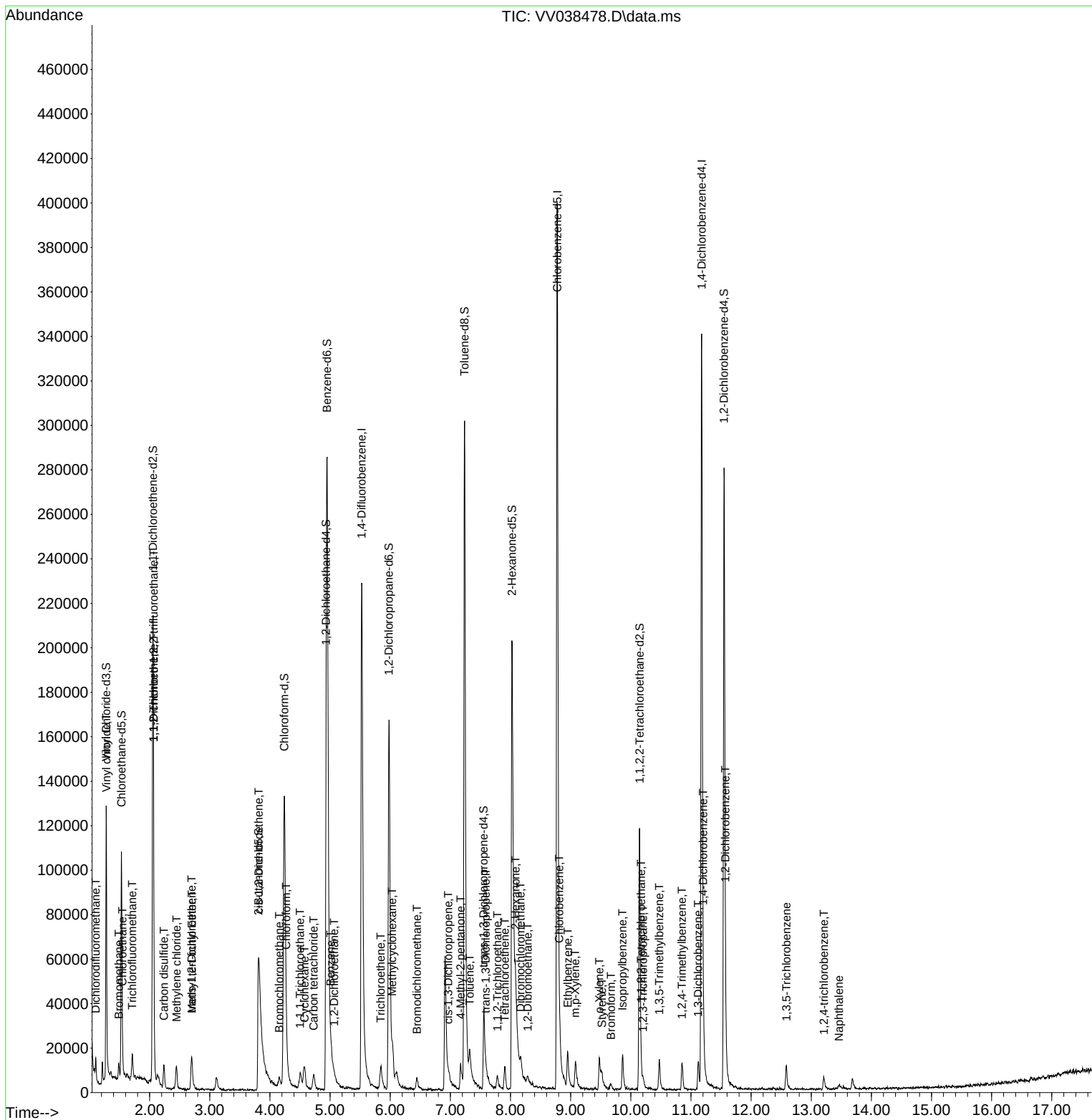
Quant Time: Jan 22 02:53:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 22 02:52:26 2025
 Response via : Initial Calibration

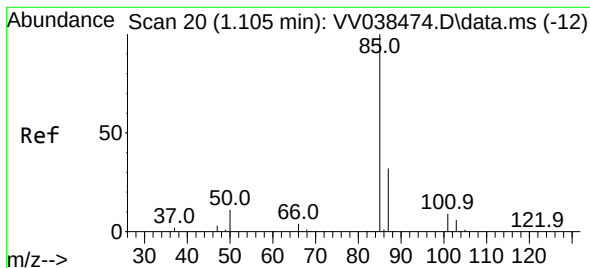
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

34) Trichloroethene	5.844	95	3614	0.190	ug/L	86
35) Methylcyclohexane	6.034	83	4833	0.166	ug/L	92
38) Bromodichloromethane	6.445	83	4247	0.173	ug/L #	98
39) cis-1,3-Dichloropropene	6.966	75	3472	0.133	ug/L	87
40) 4-Methyl-2-pentanone	7.172	43	10175	1.039	ug/L #	84
42) Toluene	7.323	91	12449	0.163	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	4820	0.218	ug/L	96
45) 1,1,2-Trichloroethane	7.783	97	2151	0.158	ug/L #	87
47) Tetrachloroethene	7.905	164	2902	0.197	ug/L	96
48) 2-Hexanone	8.085	43	25790	3.636	ug/L	94
49) Dibromochloromethane	8.169	129	2710	0.173	ug/L	87
50) 1,2-Dibromoethane	8.288	107	2644	0.209	ug/L #	86
51) Chlorobenzene	8.812	112	9370	0.182	ug/L	91
52) Ethylbenzene	8.953	91	13487	0.164	ug/L	89
53) m,p-Xylene	9.079	106	4500	0.144	ug/L	83
54) o-Xylene	9.477	106	3859	0.130	ug/L	73
55) Styrene	9.522	104	4982	0.096	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	3036	0.183	ug/L #	91
59) Bromoform	9.670	173	1331	0.201	ug/L #	91
60) Isopropylbenzene	9.863	105	10347	0.162	ug/L	95
61) 1,2,3-Trichloropropane	10.204	75	1782	0.196	ug/L #	77
62) 1,3,5-Trimethylbenzene	10.474	105	8038	0.161	ug/L	95
63) 1,2,4-Trimethylbenzene	10.850	105	7410	0.149	ug/L	96
64) 1,3-Dichlorobenzene	11.120	146	5954	0.188	ug/L	90
65) 1,4-Dichlorobenzene	11.204	146	6637	0.203	ug/L	95
67) 1,2-Dichlorobenzene	11.574	146	6332	0.214	ug/L	98
69) 1,3,5-Trichlorobenzene	12.587	180	4161	0.191	ug/L #	90
70) 1,2,4-trichlorobenzene	13.214	180	2167	0.134	ug/L	91
71) Naphthalene	13.461	128	2192	0.091	ug/L #	79

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

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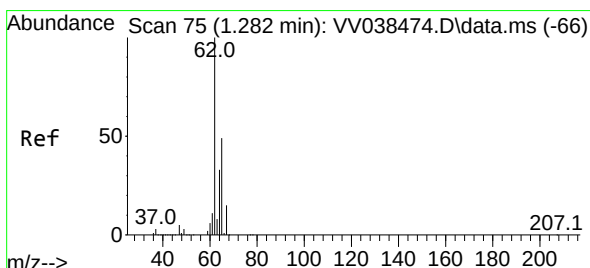
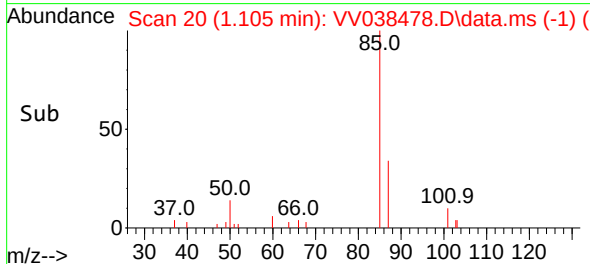
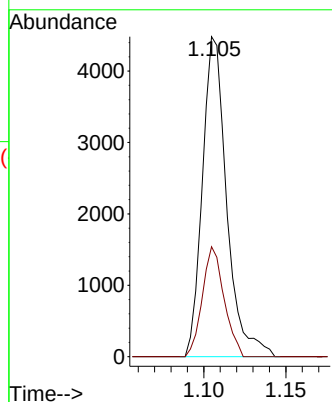
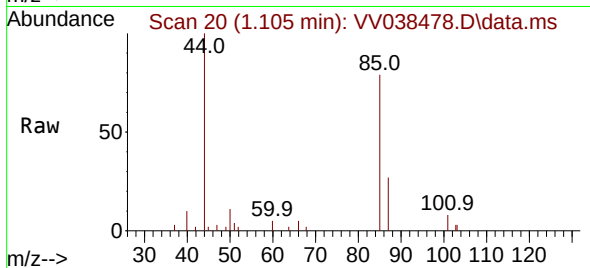




#2
 Dichlorodifluoromethane
 Concen: 0.188 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV038478.D
 Acq: 21 Jan 2025 13:06

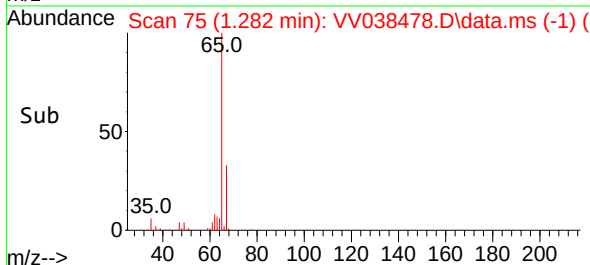
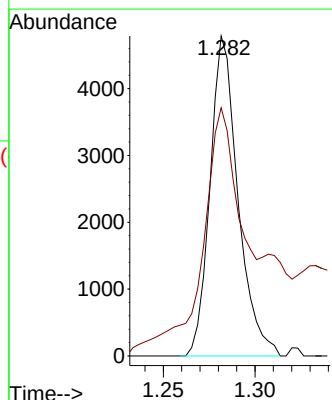
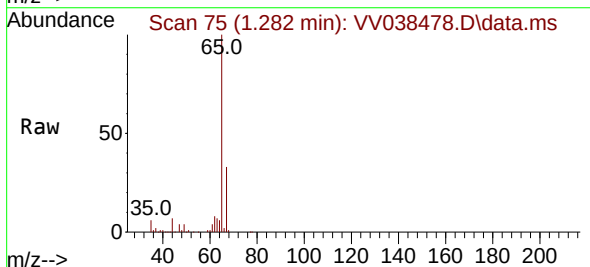
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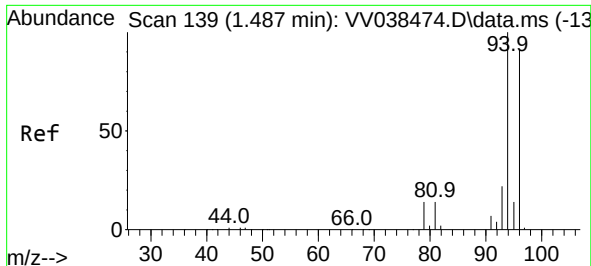
Tgt Ion: 85 Resp: 4609
 Ion Ratio Lower Upper
 85 100
 87 30.7 26.0 39.0



#5
 Vinyl chloride
 Concen: 0.200 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV038478.D
 Acq: 21 Jan 2025 13:06

Tgt Ion: 62 Resp: 5061
 Ion Ratio Lower Upper
 62 100
 64 77.5 23.5 43.7#

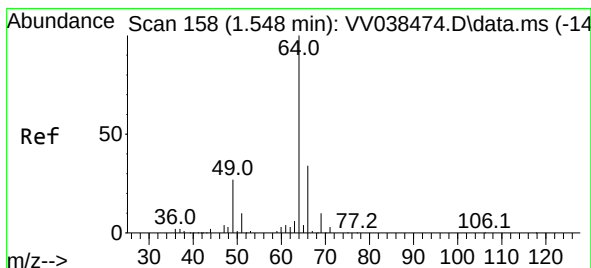
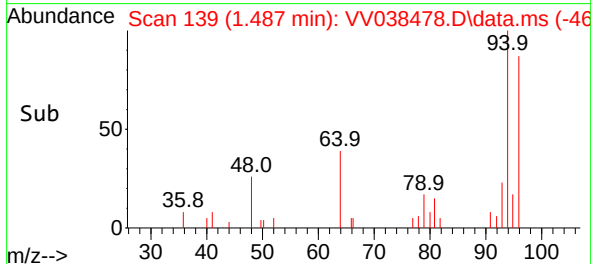
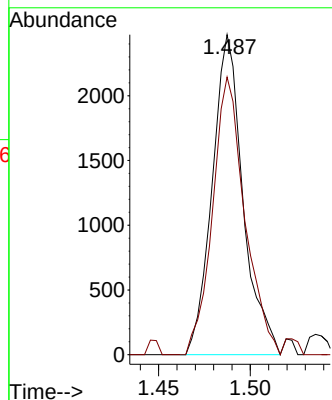
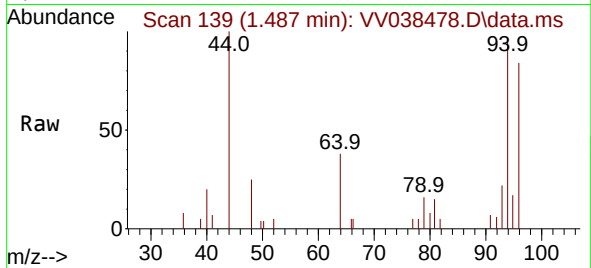




#6
Bromomethane
Concen: 0.228 ug/L
RT: 1.487 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

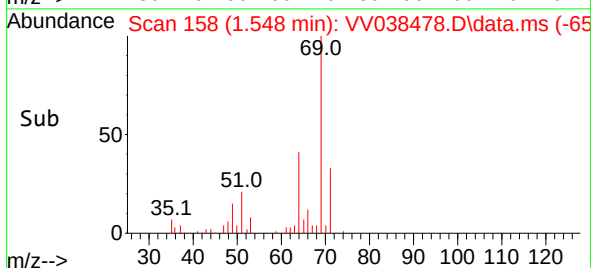
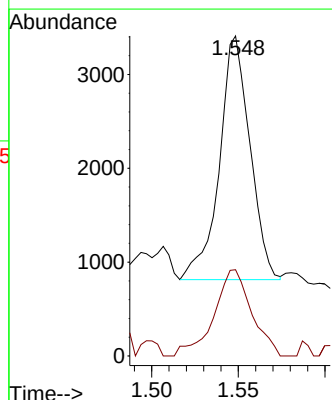
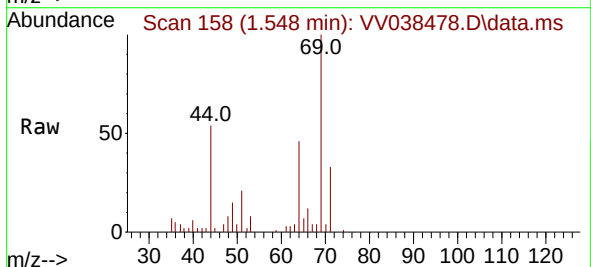
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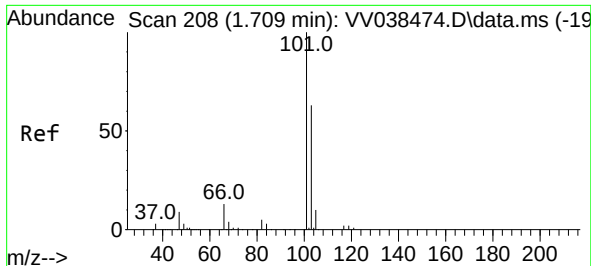
Tgt Ion: 94 Resp: 2887
Ion Ratio Lower Upper
94 100
96 86.8 68.9 127.9



#8
Chloroethane
Concen: 0.211 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Tgt Ion: 64 Resp: 3194
Ion Ratio Lower Upper
64 100
66 27.0 22.7 42.1

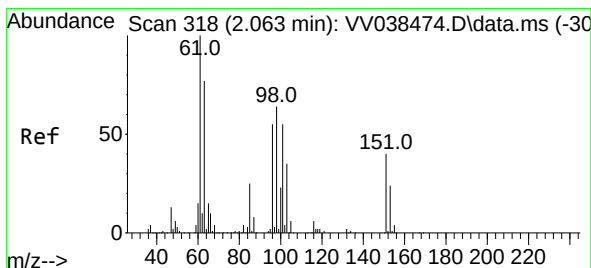
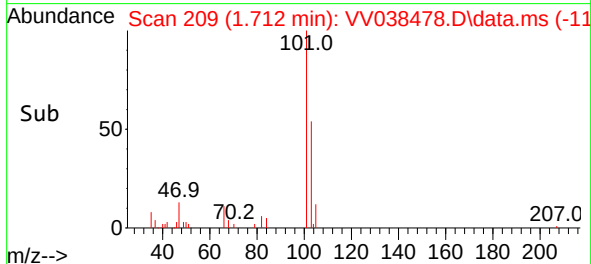
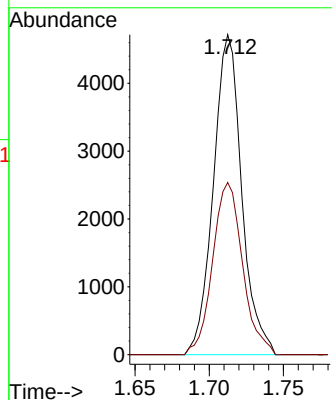
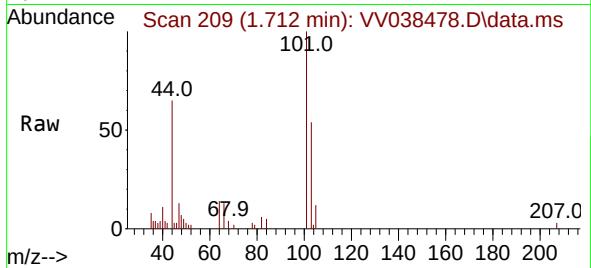




#9
Trichlorofluoromethane
Concen: 0.195 ug/L
RT: 1.712 min Scan# 208
Delta R.T. 0.003 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

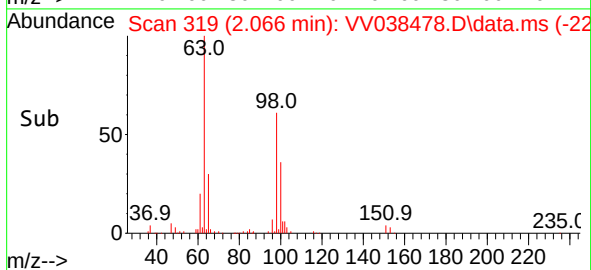
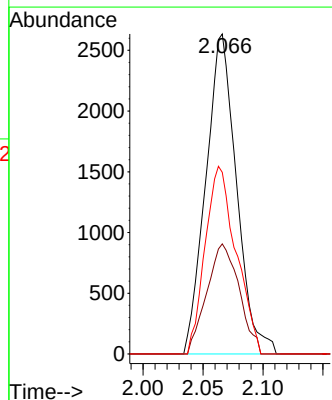
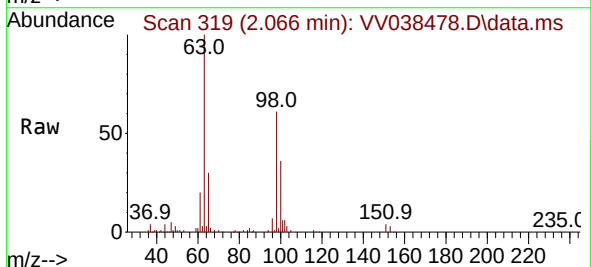
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MSVOA_V
ClientSampleId :

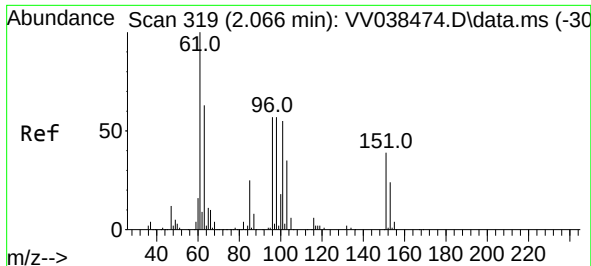
Tgt Ion:101 Resp: 6271
Ion Ratio Lower Upper
101 100
103 56.8 51.5 77.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.255 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Tgt Ion:101 Resp: 4691
Ion Ratio Lower Upper
101 100
85 36.3 35.2 52.8
151 59.2 56.6 85.0





#12

1,1-Dichloroethene

Concen: 0.258 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV038478.D

Acq: 21 Jan 2025 13:06

Instrument :

MSVOA_V

ClientSampleId :

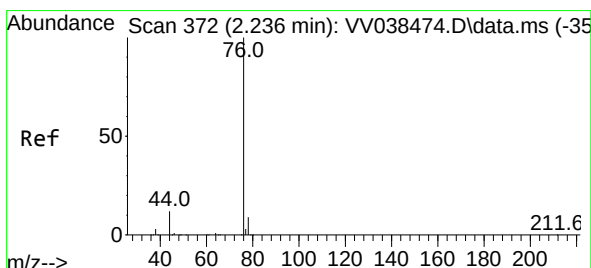
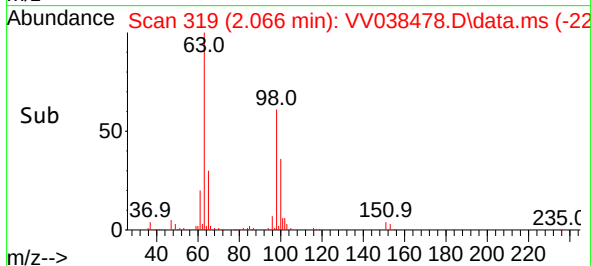
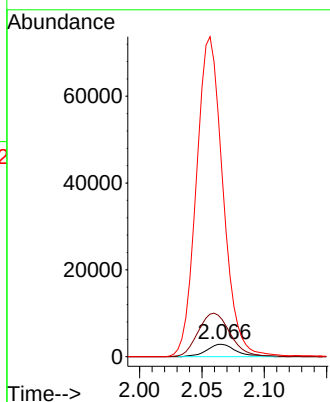
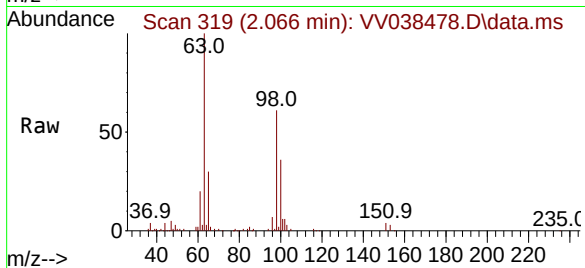
Tgt Ion: 96 Resp: 4682

Ion Ratio Lower Upper

96 100

61 301.8 122.2 227.0#

63 1483.7 86.2 160.0#



#14

Carbon disulfide

Concen: 0.202 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.000 min

Lab File: VV038478.D

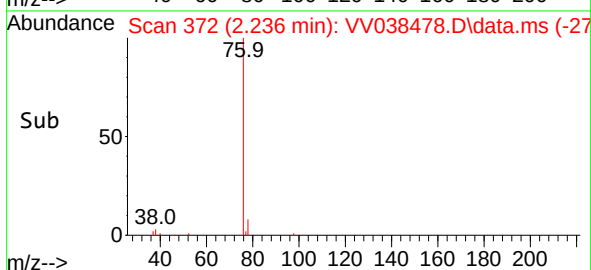
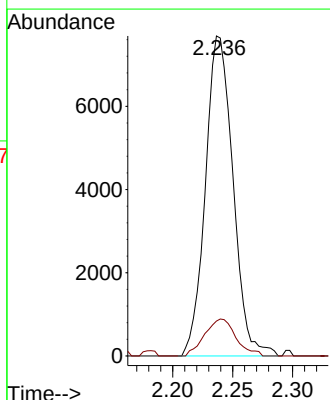
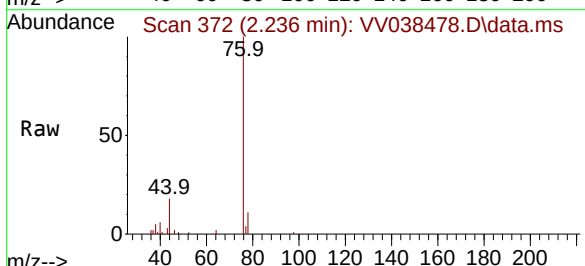
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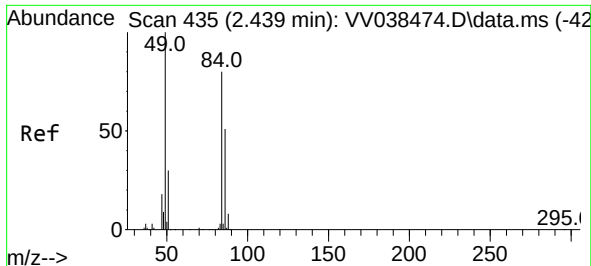
Tgt Ion: 76 Resp: 12310

Ion Ratio Lower Upper

76 100

78 10.9 7.6 11.4

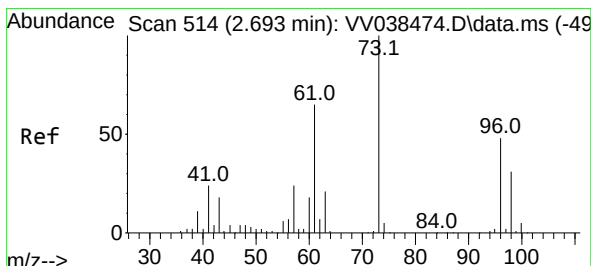
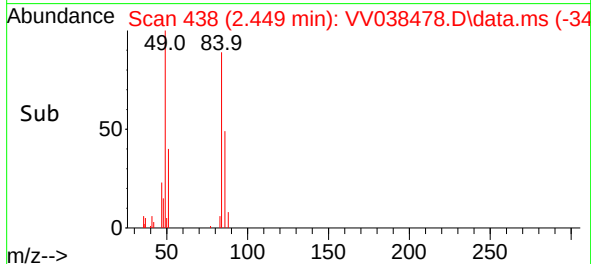
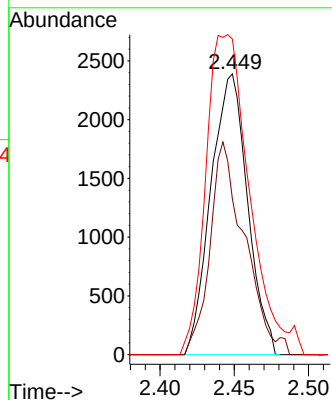
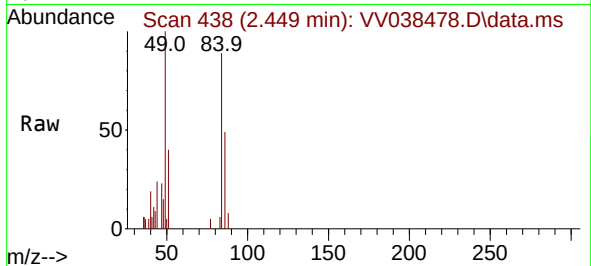




#16
Methylene chloride
Concen: 0.205 ug/L
RT: 2.449 min Scan# 411
Delta R.T. 0.010 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

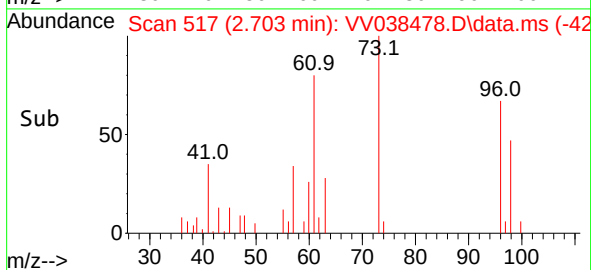
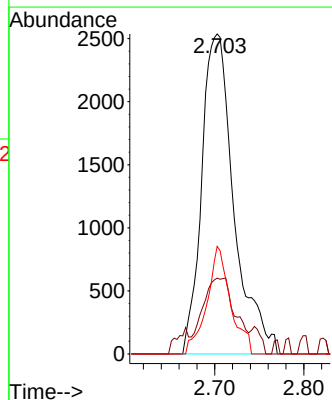
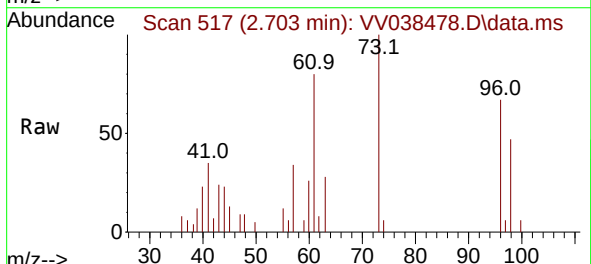
Instrument :
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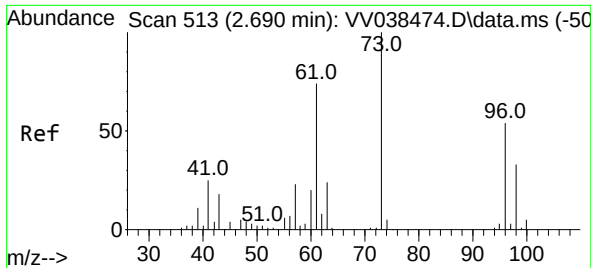
Tgt Ion: 84 Resp: 4112
Ion Ratio Lower Upper
84 100
86 55.6 44.7 82.9
49 112.4 84.1 156.1



#17
Methyl tert-butyl Ether
Concen: 0.167 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.010 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Tgt Ion: 73 Resp: 6373
Ion Ratio Lower Upper
73 100
43 24.0 14.6 21.8#
57 24.6 17.9 26.9

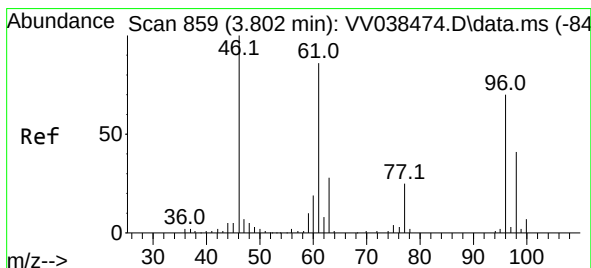
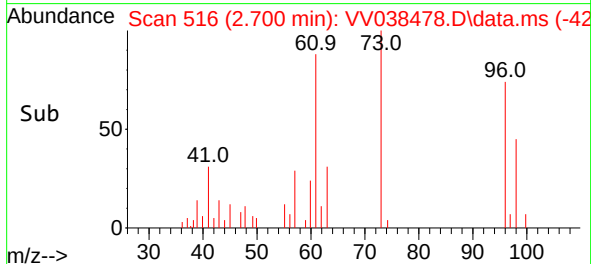
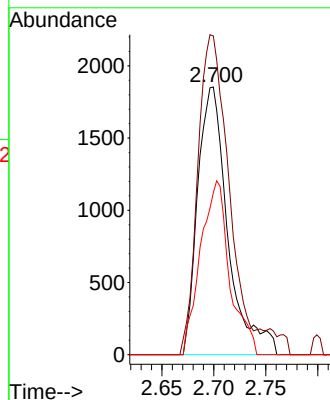
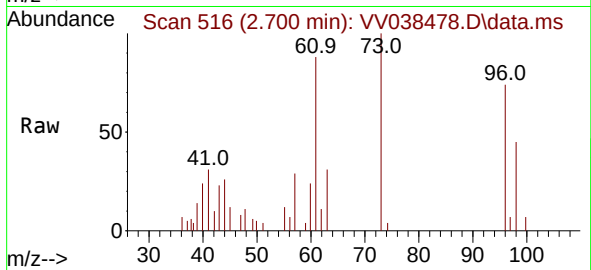




#18
 trans-1,2-Dichloroethene
 Concen: 0.201 ug/L
 RT: 2.700 min Scan# 513
 Delta R.T. 0.010 min
 Lab File: VV038478.D
 Acq: 21 Jan 2025 13:06

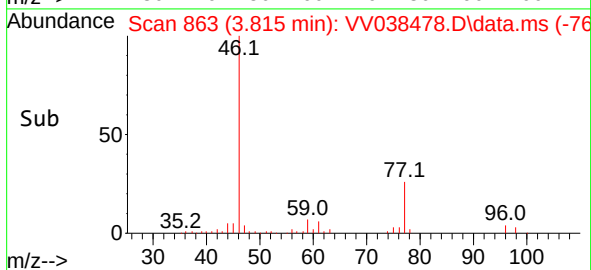
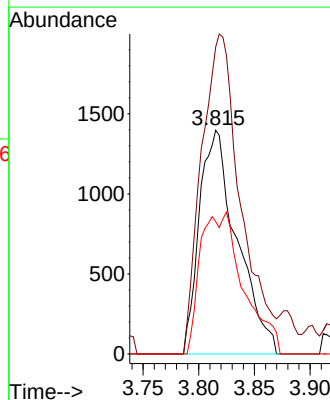
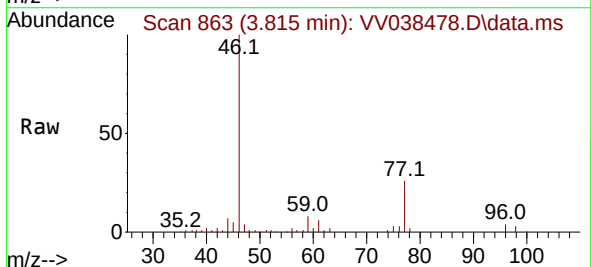
Instrument :
 MSVOA_V
 ClientSampleId :

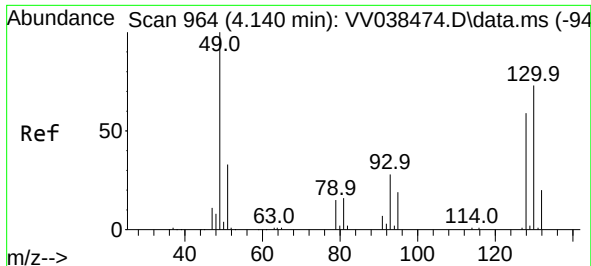
Tgt Ion: 96 Resp: 3746
 Ion Ratio Lower Upper
 96 100
 61 119.0 94.8 176.2
 98 60.5 44.2 82.2



#22
 cis-1,2-Dichloroethene
 Concen: 0.173 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.013 min
 Lab File: VV038478.D
 Acq: 21 Jan 2025 13:06

Tgt Ion: 96 Resp: 3284
 Ion Ratio Lower Upper
 96 100
 61 137.3 86.5 160.7
 98 59.2 43.8 81.3

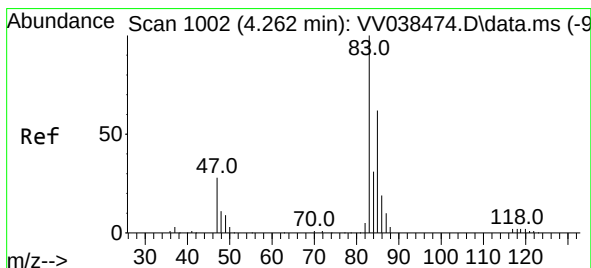
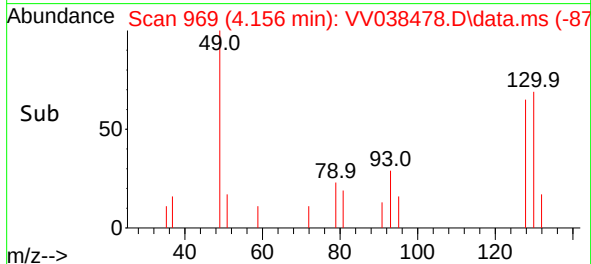
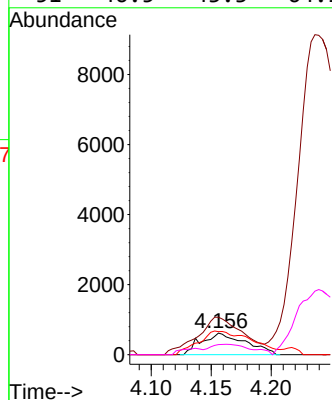
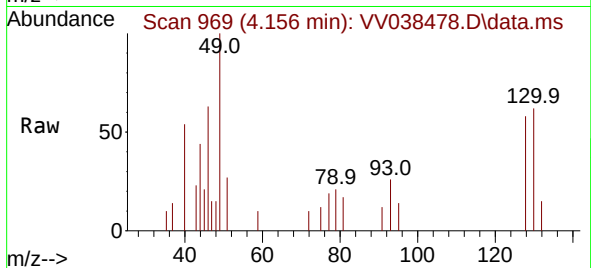




#23
Bromochloromethane
Concen: 0.183 ug/L
RT: 4.156 min Scan# 90
Delta R.T. 0.016 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

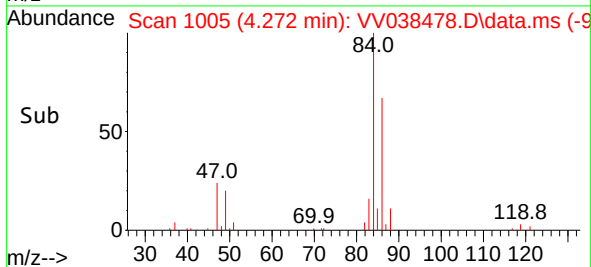
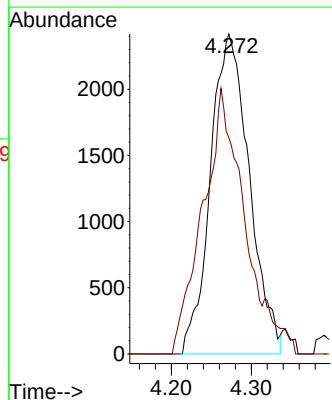
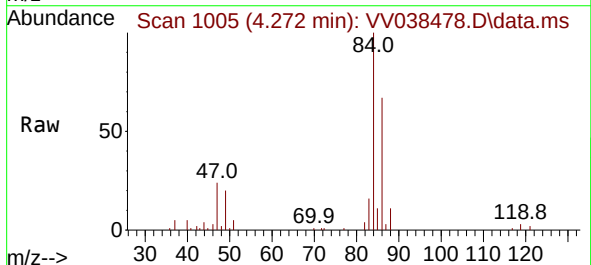
Instrument :
MSVOA_V
ClientSampleId :

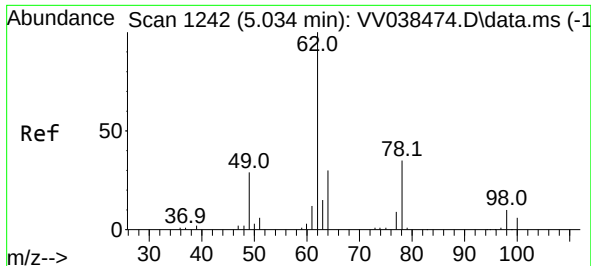
Tgt Ion:128 Resp: 1573
Ion Ratio Lower Upper
128 100
49 173.4 121.0 224.8
130 107.0 90.1 167.3
51 46.5 43.3 64.9



#25
Chloroform
Concen: 0.233 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.010 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Tgt Ion: 83 Resp: 8165
Ion Ratio Lower Upper
83 100
85 67.6 44.0 81.8

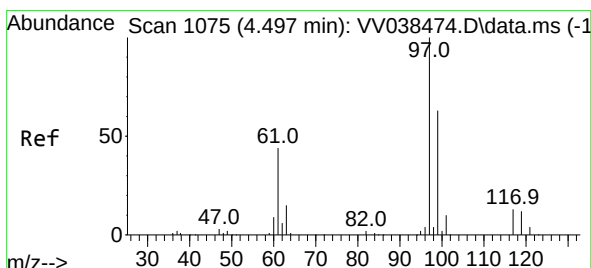
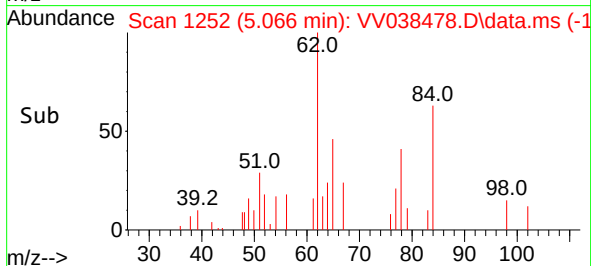
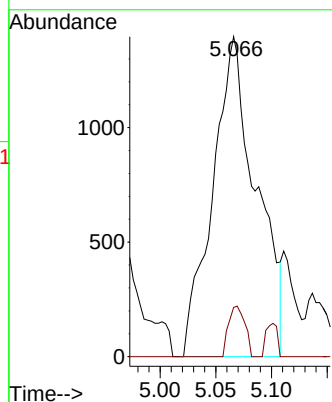
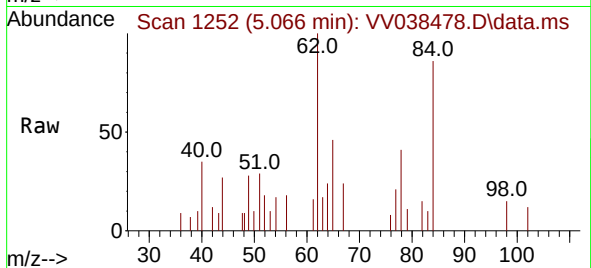




#27
1,2-Dichloroethane
Concen: 0.195 ug/L
RT: 5.066 min Scan# 11
Delta R.T. 0.032 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

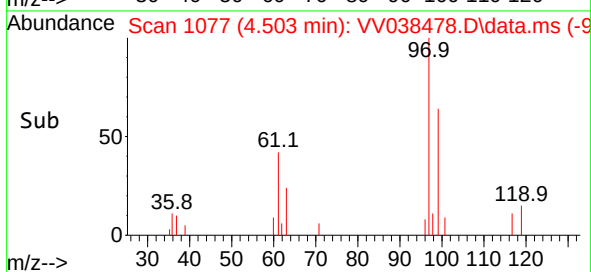
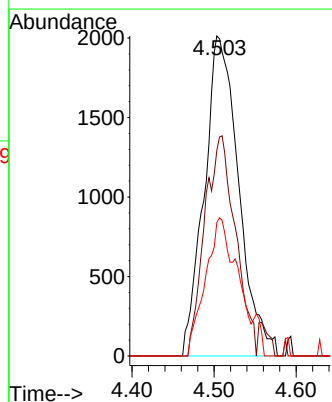
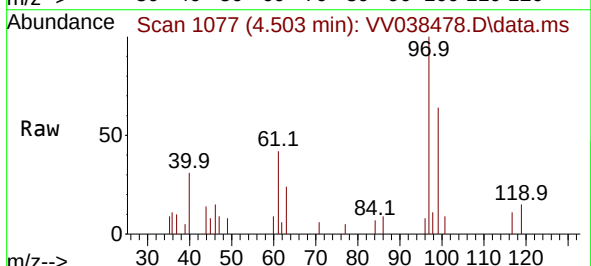
Instrument :
MSVOA_V
ClientSampleId :

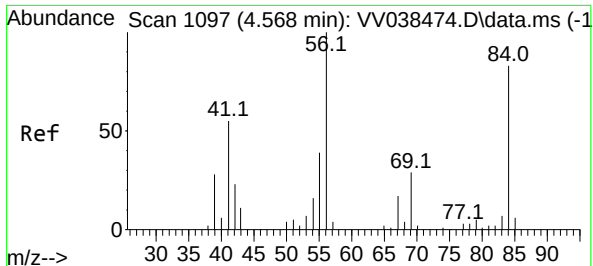
Tgt Ion: 62 Resp: 3798
Ion Ratio Lower Upper
62 100
98 15.4 7.8 11.6#



#29
1,1,1-Trichloroethane
Concen: 0.192 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Tgt Ion: 97 Resp: 5886
Ion Ratio Lower Upper
97 100
99 61.3 52.9 79.3
61 39.5 36.4 54.6

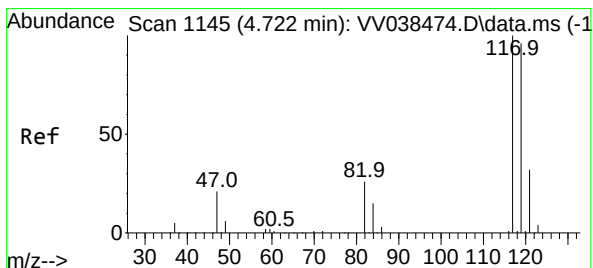
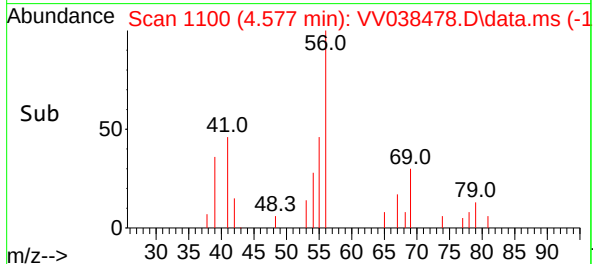
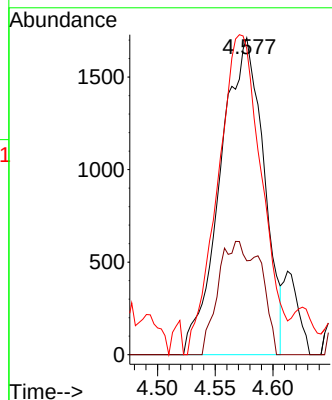
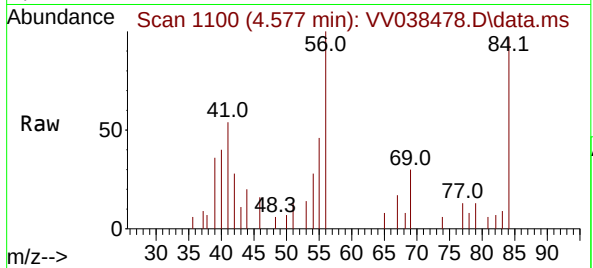




#30
Cyclohexane
Concen: 0.160 ug/L
RT: 4.577 min Scan# 1100
Delta R.T. 0.010 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

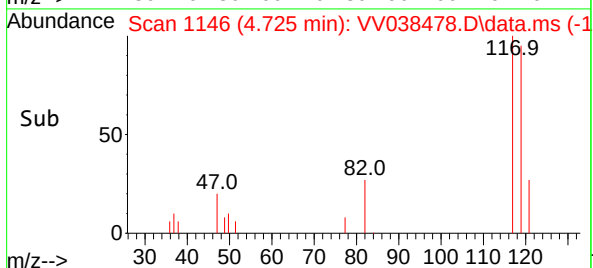
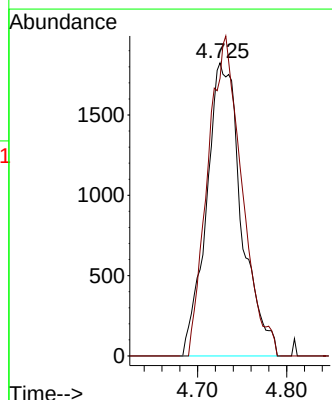
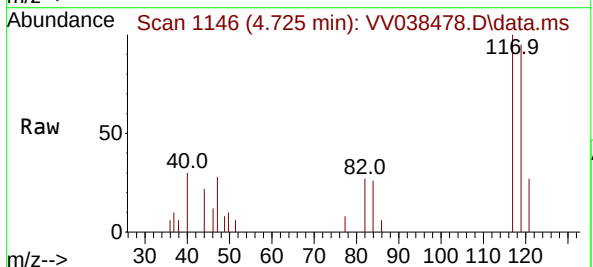
Instrument :
MSVOA_V
ClientSampleId :

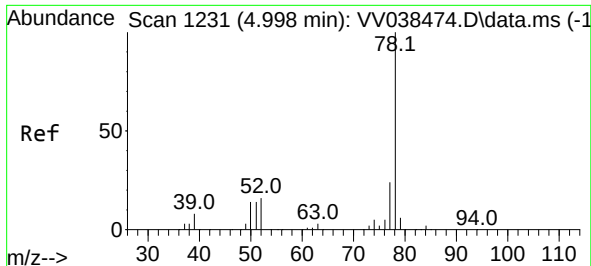
Tgt Ion: 56 Resp: 4471
Ion Ratio Lower Upper
56 100
69 24.9 24.7 37.1
84 101.8 68.2 102.2



#31
Carbon tetrachloride
Concen: 0.184 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Tgt Ion: 117 Resp: 4980
Ion Ratio Lower Upper
117 100
119 106.5 76.6 115.0

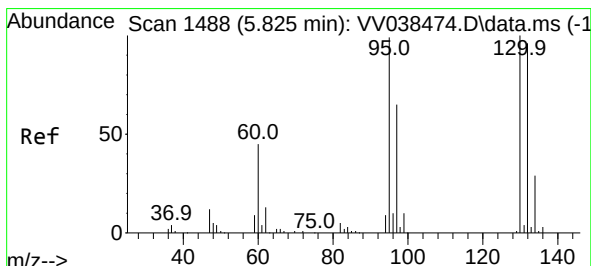
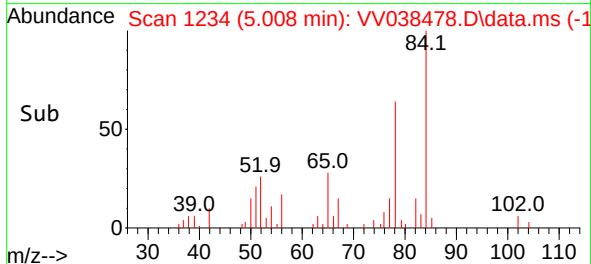
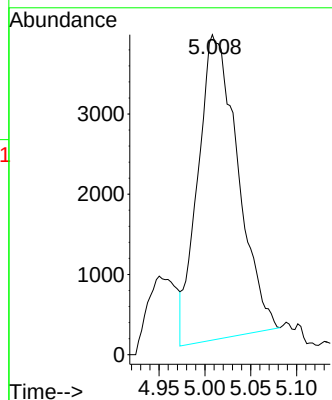
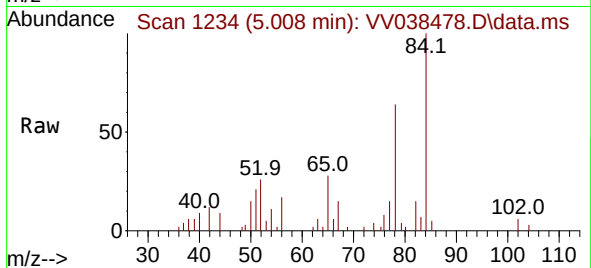




#33
Benzene
Concen: 0.157 ug/L
RT: 5.008 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Instrument :
MSVOA_V
ClientSampleId :

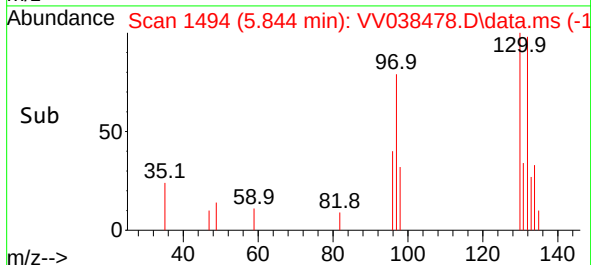
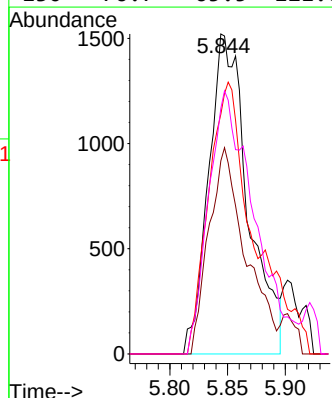
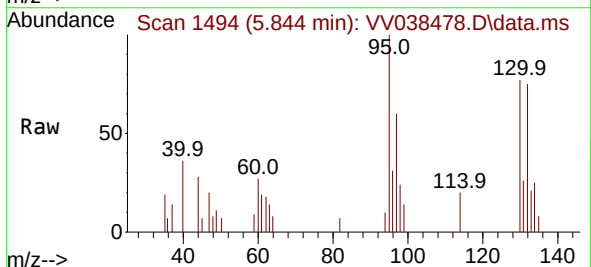
Tgt Ion: 78 Resp: 11495

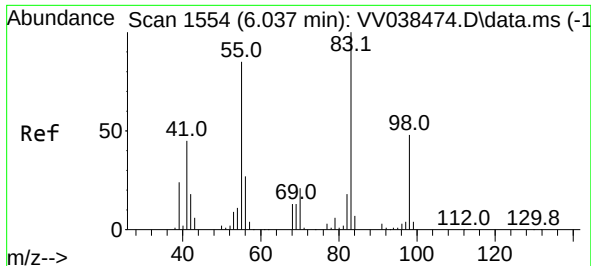


#34
Trichloroethene
Concen: 0.190 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.019 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Tgt Ion: 95 Resp: 3614

Ion	Ratio	Lower	Upper
95	100		
97	60.4	43.4	80.6
132	74.9	65.5	121.6
130	76.7	65.5	121.6





#35

Methylcyclohexane

Concen: 0.166 ug/L

RT: 6.034 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV038478.D

Acq: 21 Jan 2025 13:06

Instrument :

MSVOA_V

ClientSampleId :

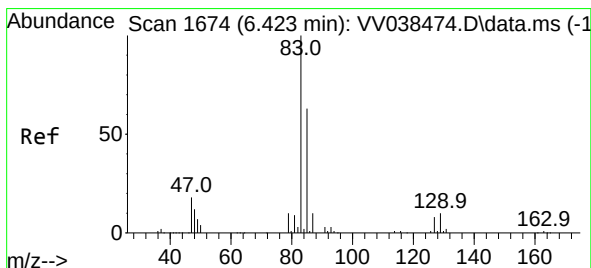
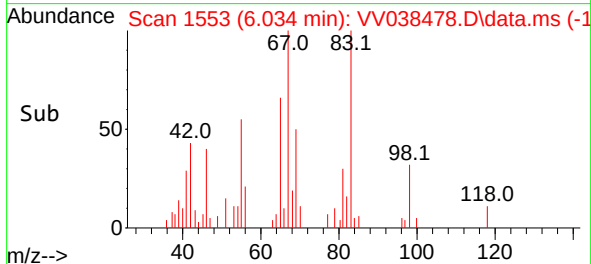
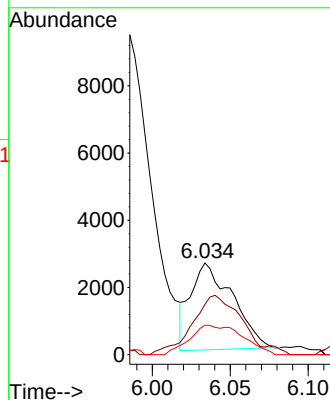
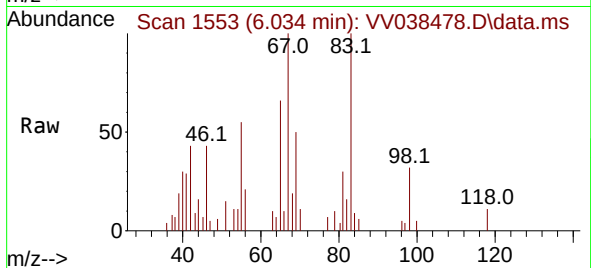
Tgt Ion: 83 Resp: 4833

Ion Ratio Lower Upper

83 100

55 81.5 59.4 89.0

98 42.8 37.8 56.8



#38

Bromodichloromethane

Concen: 0.173 ug/L

RT: 6.445 min Scan# 1681

Delta R.T. 0.022 min

Lab File: VV038478.D

Acq: 21 Jan 2025 13:06

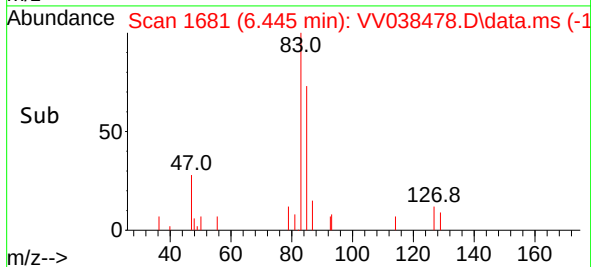
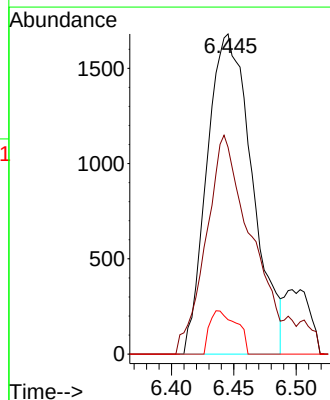
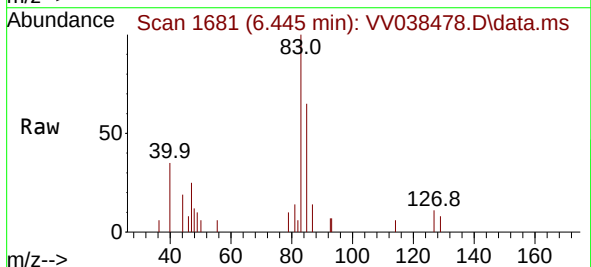
Tgt Ion: 83 Resp: 4247

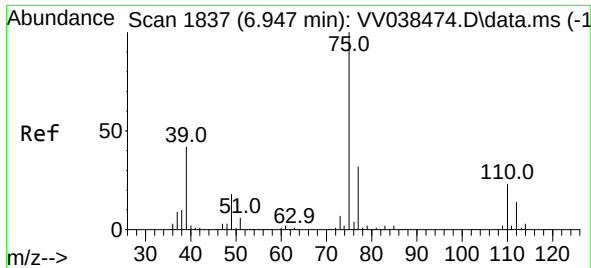
Ion Ratio Lower Upper

83 100

85 64.6 44.7 83.1

127 10.7 6.8 10.2#





#39

cis-1,3-Dichloropropene

Concen: 0.133 ug/L

RT: 6.966 min Scan# 11

Delta R.T. 0.019 min

Lab File: VV038478.D

Acq: 21 Jan 2025 13:06

Instrument :

MSVOA_V

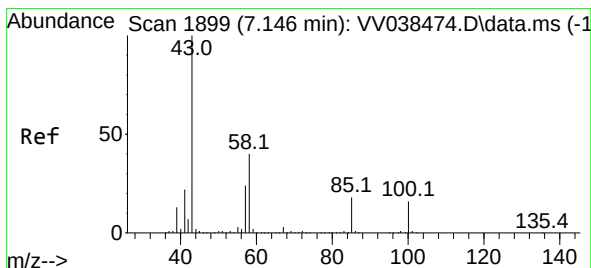
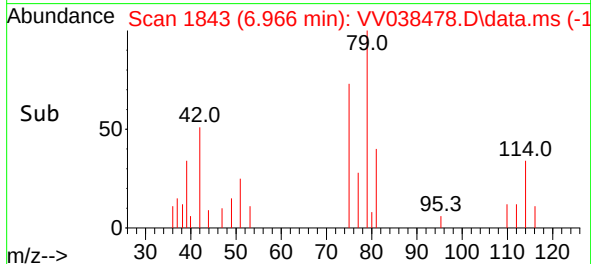
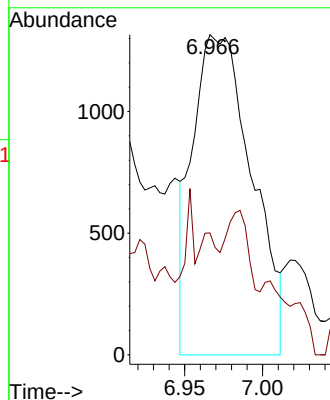
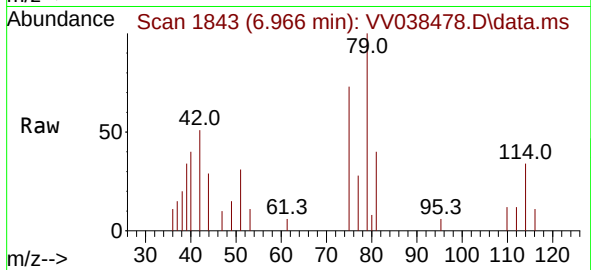
ClientSampleId :

Tgt Ion: 75 Resp: 3472

Ion Ratio Lower Upper

75 100

77 38.1 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 1.039 ug/L

RT: 7.172 min Scan# 1907

Delta R.T. 0.026 min

Lab File: VV038478.D

Acq: 21 Jan 2025 13:06

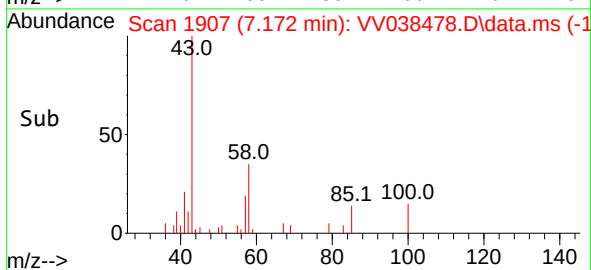
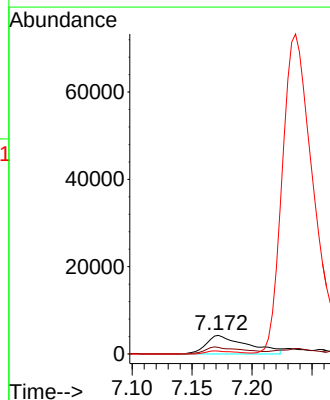
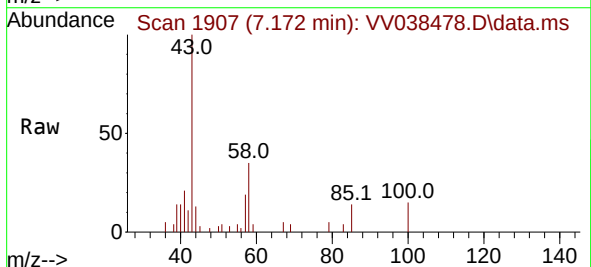
Tgt Ion: 43 Resp: 10175

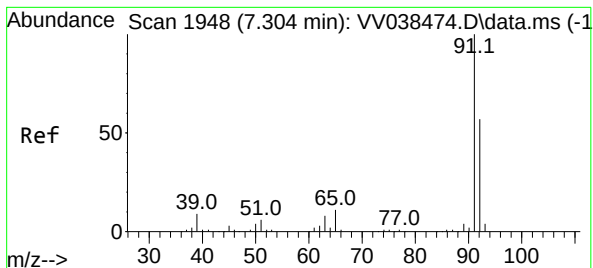
Ion Ratio Lower Upper

43 100

58 34.4 31.7 47.5

100 0.0 12.4 18.6#





#42

Toluene

Concen: 0.163 ug/L

RT: 7.323 min Scan# 1948

Delta R.T. 0.019 min

Lab File: VV038478.D

Acq: 21 Jan 2025 13:06

Instrument :

MSVOA_V

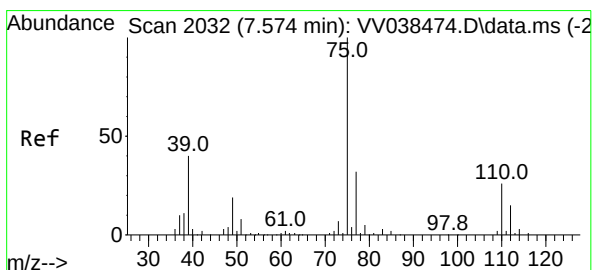
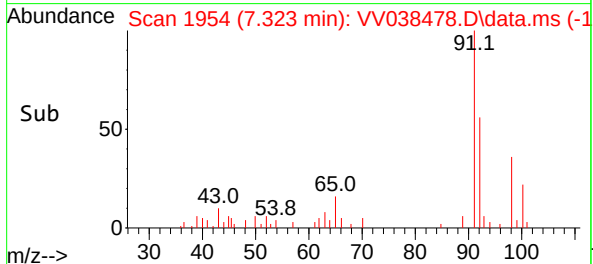
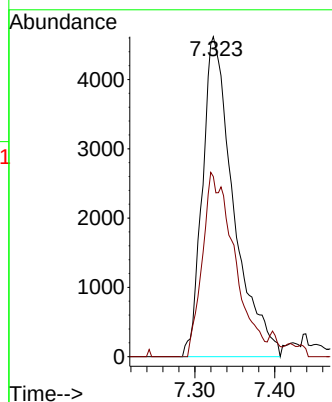
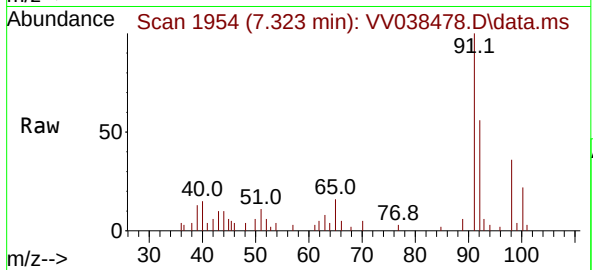
ClientSampleId :

Tgt Ion: 91 Resp: 12449

Ion Ratio Lower Upper

91 100

92 56.3 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 0.218 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.013 min

Lab File: VV038478.D

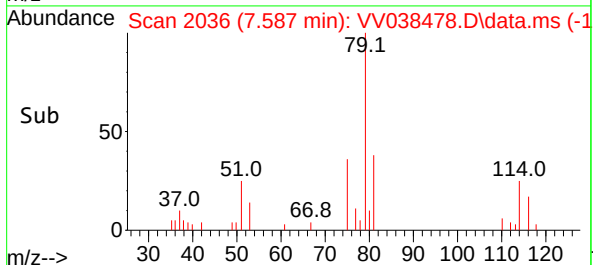
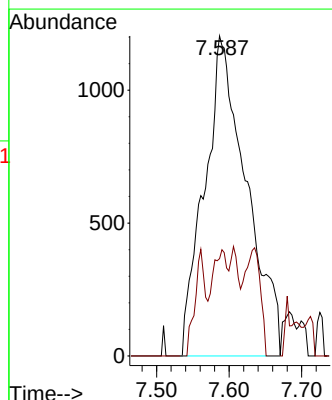
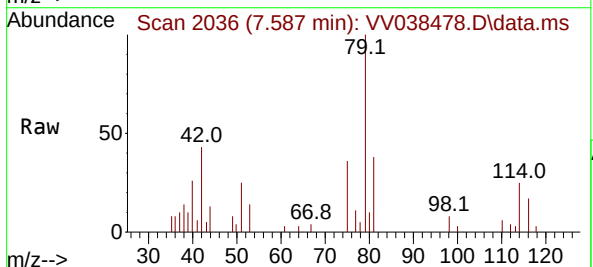
Acq: 21 Jan 2025 13:06

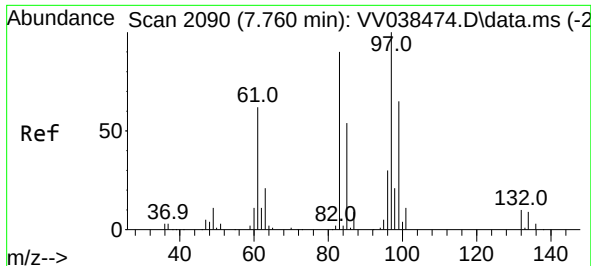
Tgt Ion: 75 Resp: 4820

Ion Ratio Lower Upper

75 100

77 30.4 22.8 42.4





#45

1,1,2-Trichloroethane

Concen: 0.158 ug/L

RT: 7.783 min Scan# 2090

Delta R.T. 0.022 min

Lab File: VV038478.D

Acq: 21 Jan 2025 13:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 2151

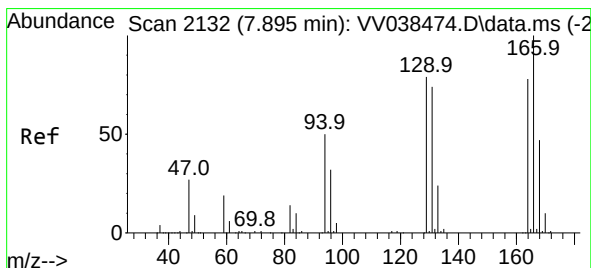
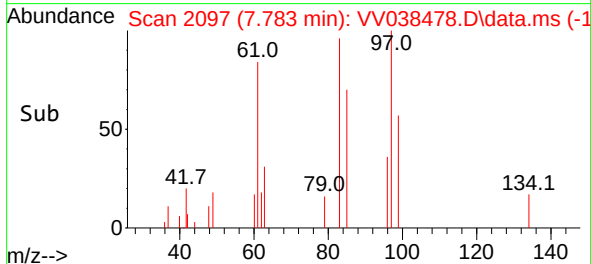
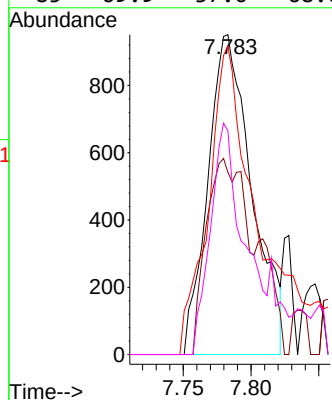
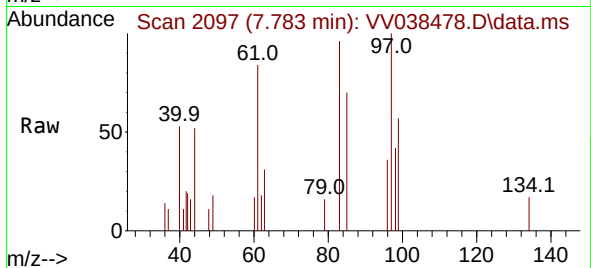
Ion Ratio Lower Upper

97 100

99 57.0 42.3 78.5

83 96.3 59.4 110.4

85 69.9 37.0 68.6#



#47

Tetrachloroethene

Concen: 0.197 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.010 min

Lab File: VV038478.D

Acq: 21 Jan 2025 13:06

Tgt Ion: 164 Resp: 2902

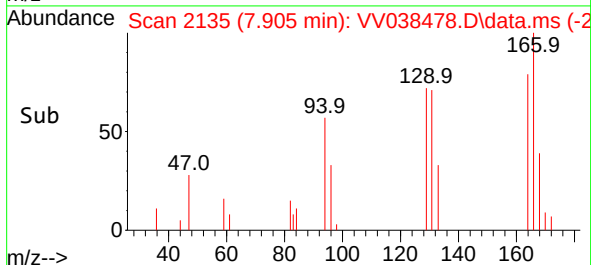
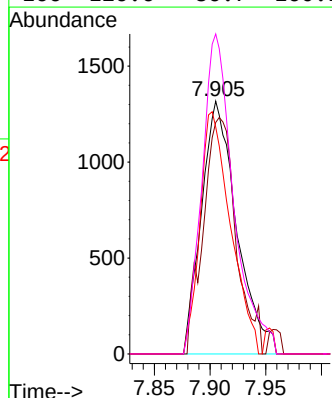
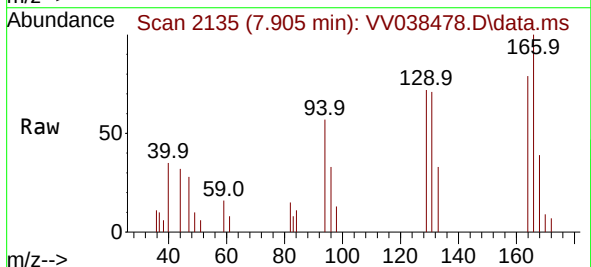
Ion Ratio Lower Upper

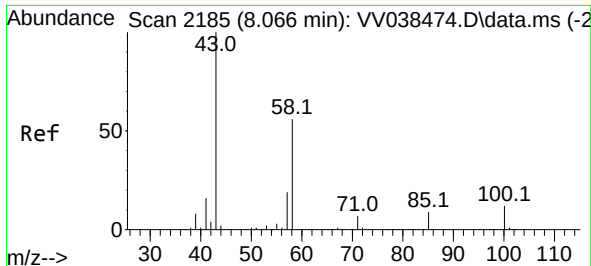
164 100

129 91.6 68.9 127.9

131 89.8 65.2 121.2

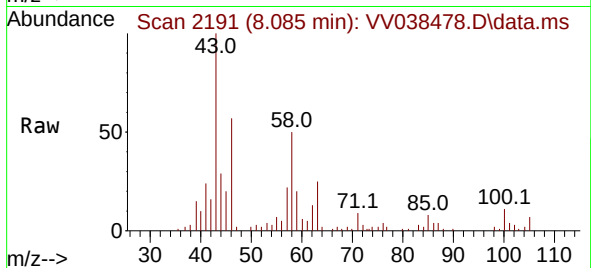
166 126.6 86.7 160.9



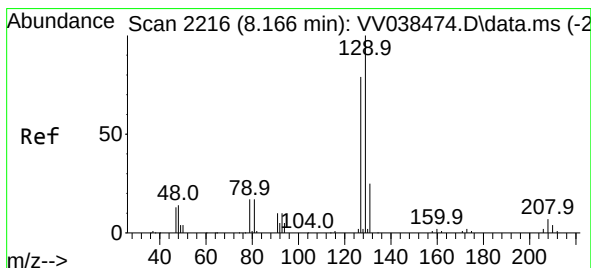
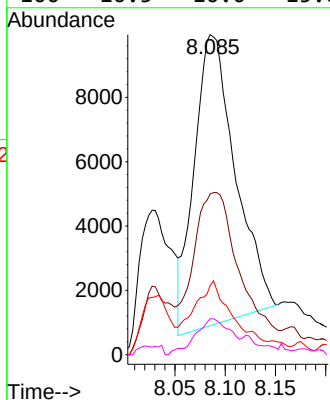
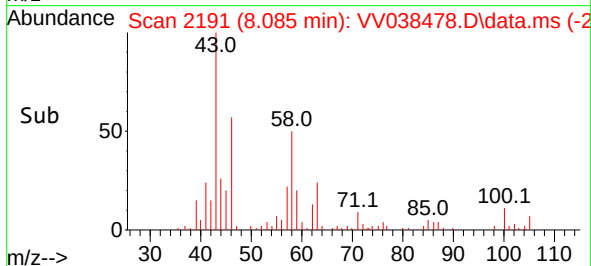


#48
2-Hexanone
Concen: 3.636 ug/L
RT: 8.085 min Scan# 2185
Delta R.T. 0.019 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Instrument :
MSVOA_V
ClientSampleId :

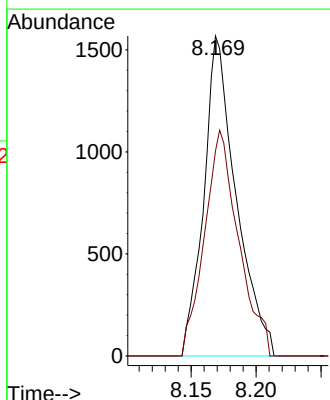
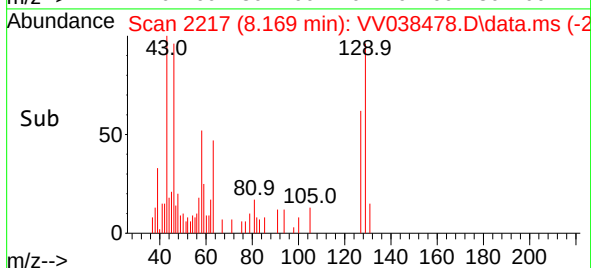
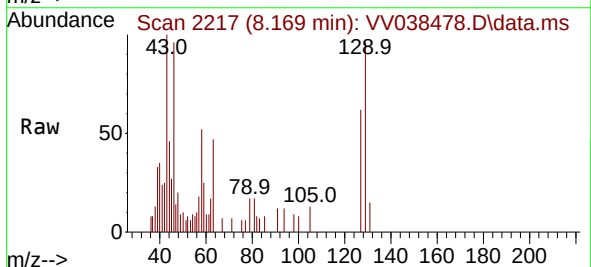


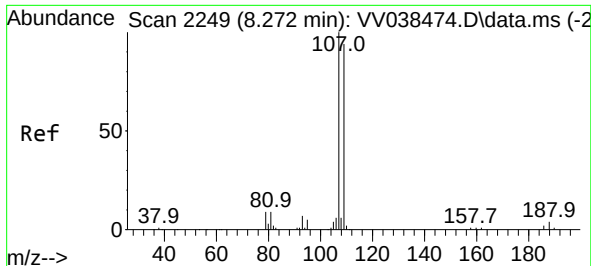
Tgt Ion: 43	Resp: 25790
Ion Ratio	Lower Upper
43 100	
58 59.8	43.6 65.4
57 19.8	15.0 22.4
100 10.5	10.0 15.0



#49
Dibromochloromethane
Concen: 0.173 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Tgt Ion:129	Resp: 2710		
Ion Ratio	Lower	Upper	
129 100			
127 64.0	52.8	98.2	





#50

1,2-Dibromoethane

Concen: 0.209 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.016 min

Lab File: VV038478.D

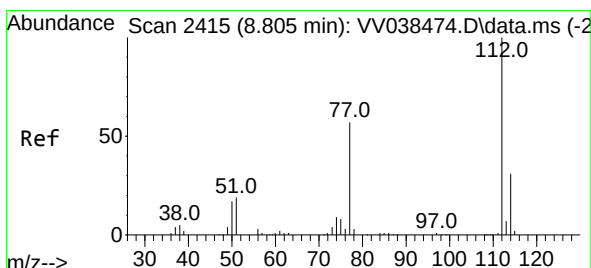
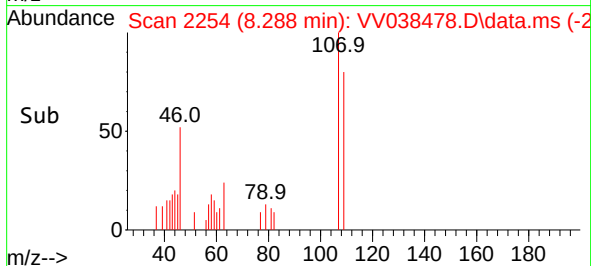
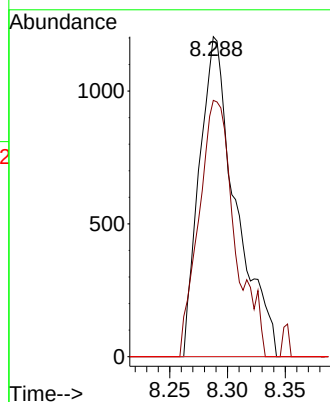
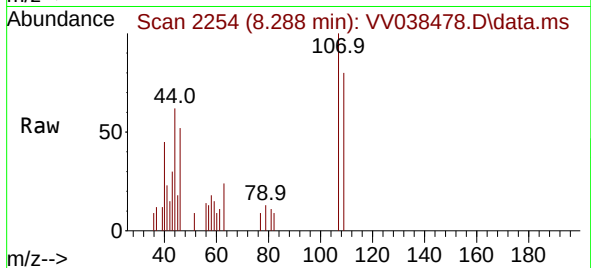
Acq: 21 Jan 2025 13:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	2644
Ion Ratio	Lower	Upper	
107	100		
109	80.1	65.9	122.3
188	0.0	2.8	4.2#



#51

Chlorobenzene

Concen: 0.182 ug/L

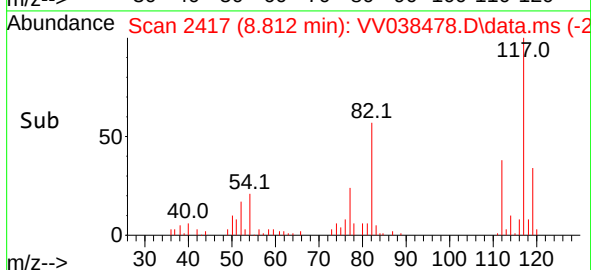
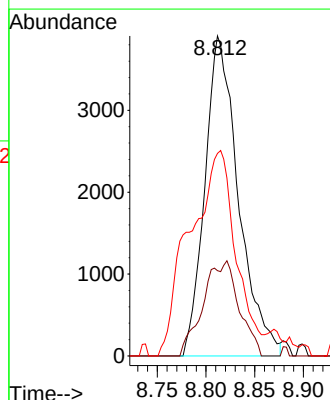
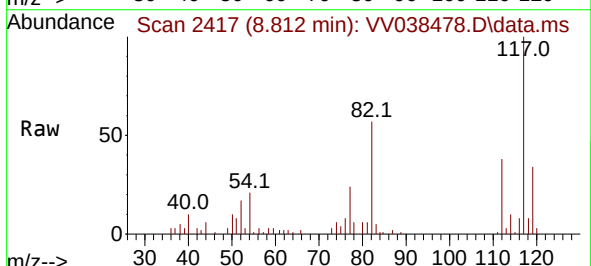
RT: 8.812 min Scan# 2417

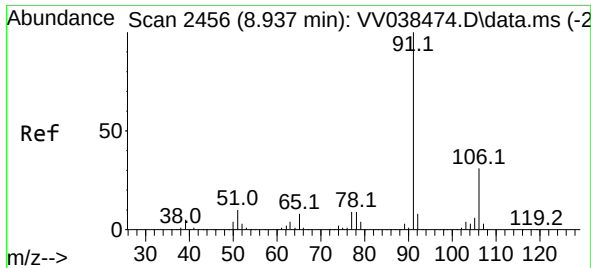
Delta R.T. 0.006 min

Lab File: VV038478.D

Acq: 21 Jan 2025 13:06

Tgt Ion:	112	Resp:	9370
Ion Ratio	Lower	Upper	
112	100		
114	26.6	22.9	42.5
77	63.3	46.1	69.1

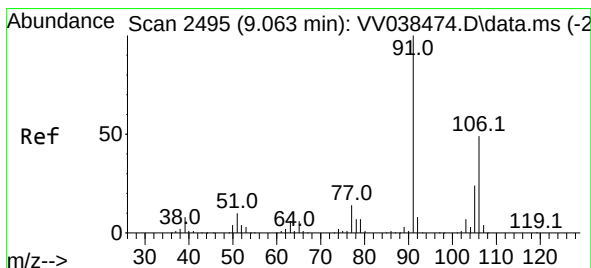
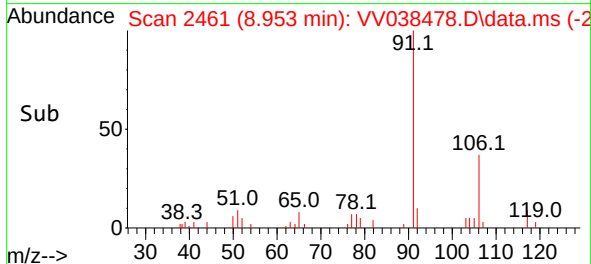
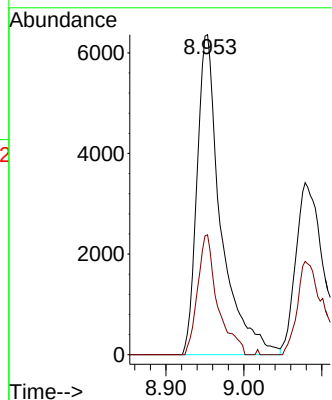
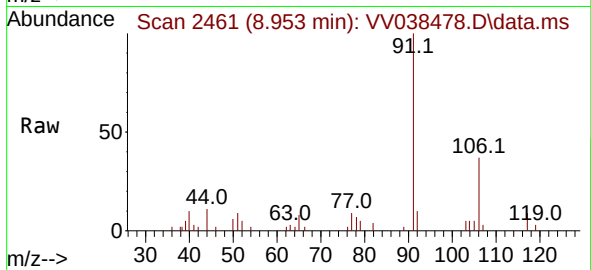




#52
Ethylbenzene
Concen: 0.164 ug/L
RT: 8.953 min Scan# 24
Delta R.T. 0.016 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

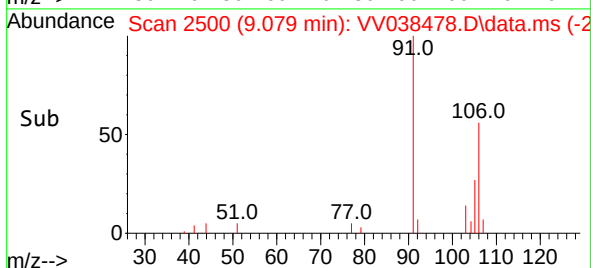
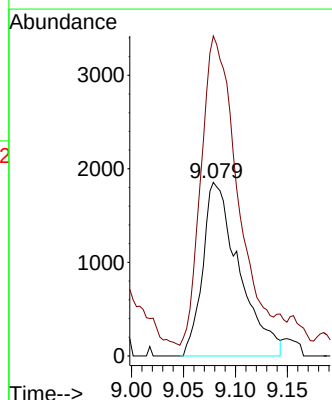
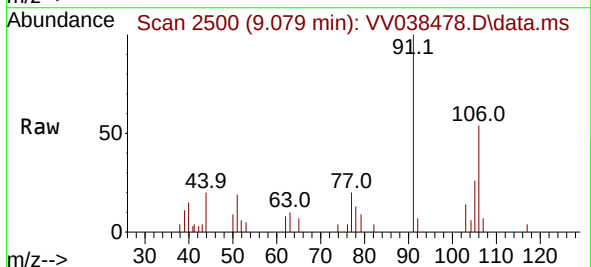
Instrument :
MSVOA_V
ClientSampleId :

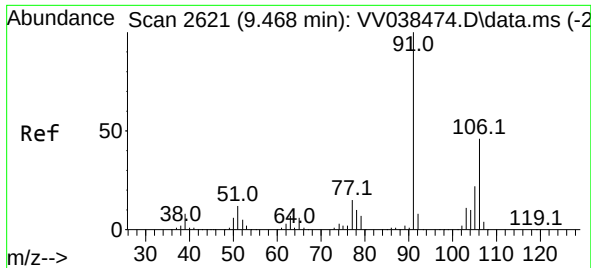
Tgt Ion: 91 Resp: 13487
Ion Ratio Lower Upper
91 100
106 37.4 22.0 40.8



#53
m,p-Xylene
Concen: 0.144 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.016 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Tgt Ion:106 Resp: 4500
Ion Ratio Lower Upper
106 100
91 184.4 148.2 275.2

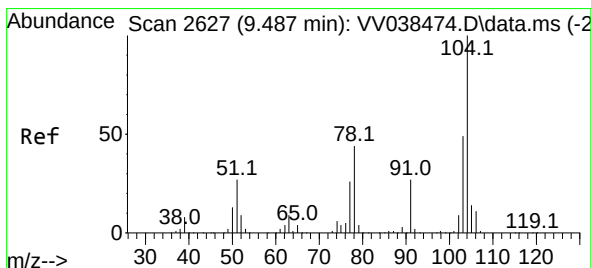
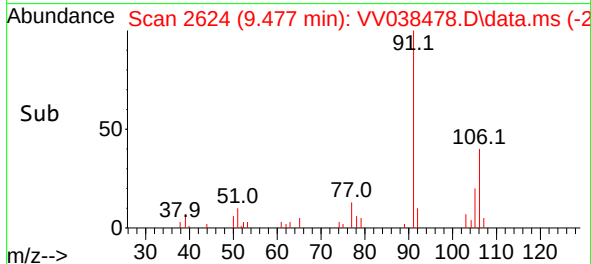
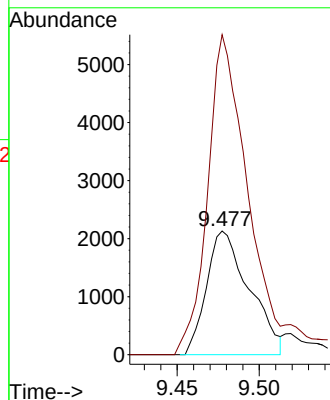
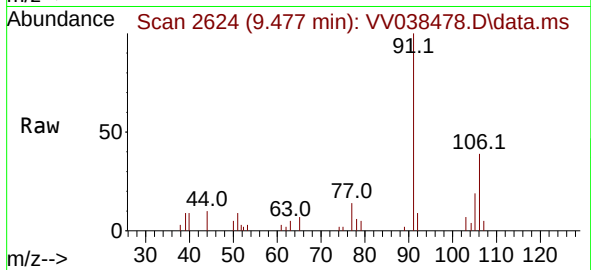




#54
o-Xylene
Concen: 0.130 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.010 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

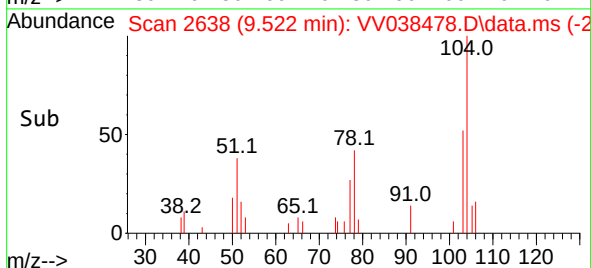
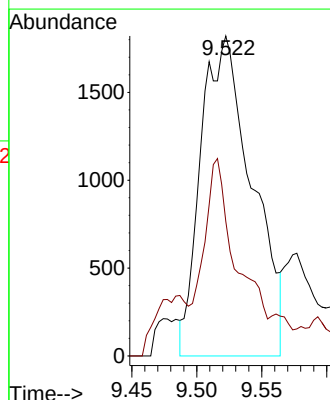
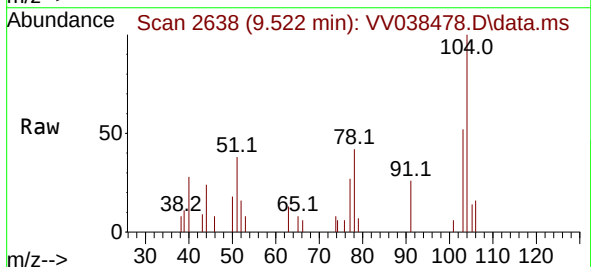
Instrument :
MSVOA_V
ClientSampleId :

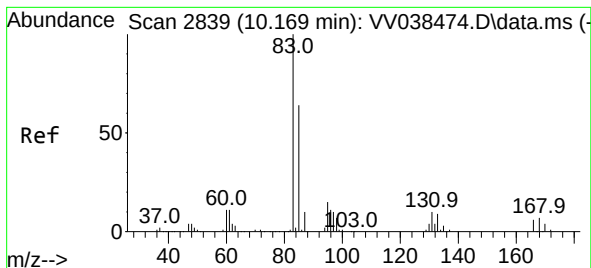
Tgt Ion:106 Resp: 3859
Ion Ratio Lower Upper
106 100
91 258.8 151.4 281.2



#55
Styrene
Concen: 0.096 ug/L
RT: 9.522 min Scan# 2638
Delta R.T. 0.035 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Tgt Ion:104 Resp: 4982
Ion Ratio Lower Upper
104 100
78 42.1 30.8 57.2

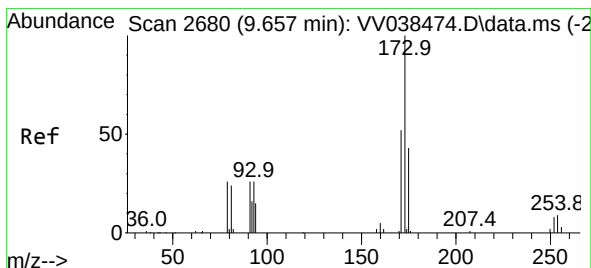
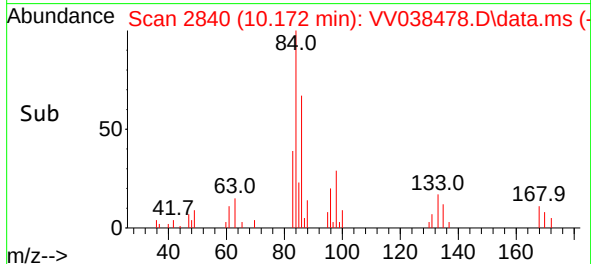
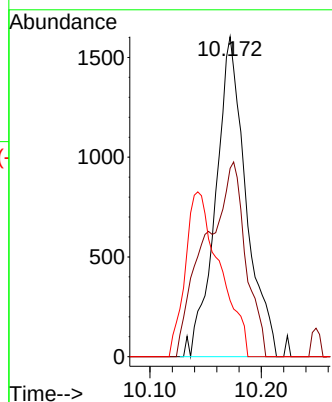
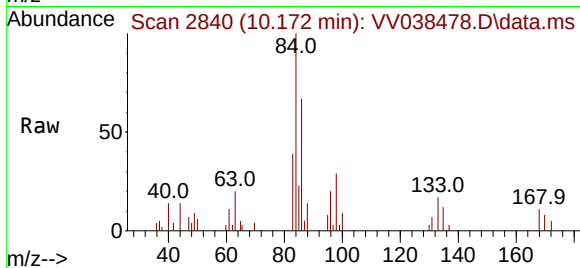




#57
 1,1,2,2-Tetrachloroethane
 Concen: 0.183 ug/L
 RT: 10.172 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV038478.D
 Acq: 21 Jan 2025 13:06

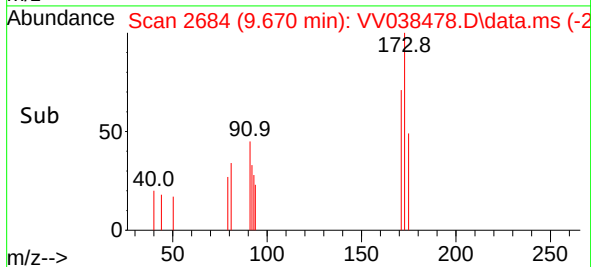
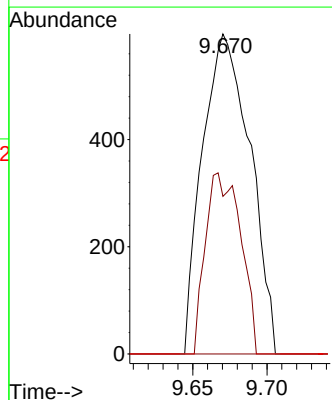
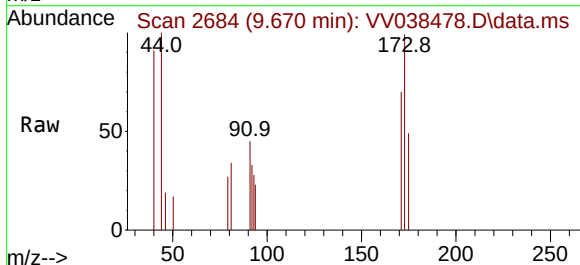
Instrument :
 MSVOA_V
 ClientSampleId :

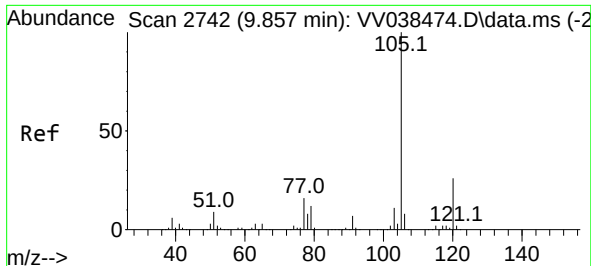
Tgt Ion: 83 Resp: 3036
 Ion Ratio Lower Upper
 83 100
 85 58.9 45.1 83.7
 131 17.6 7.5 11.3#



#59
 Bromoform
 Concen: 0.201 ug/L
 RT: 9.670 min Scan# 2684
 Delta R.T. 0.013 min
 Lab File: VV038478.D
 Acq: 21 Jan 2025 13:06

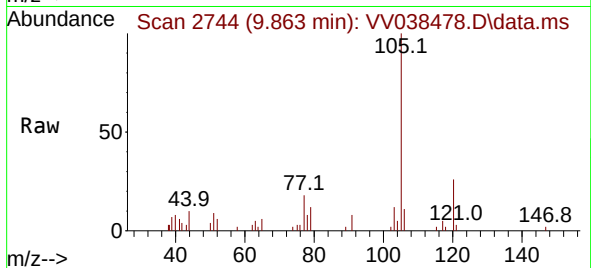
Tgt Ion: 173 Resp: 1331
 Ion Ratio Lower Upper
 173 100
 175 41.8 37.6 56.4
 254 0.0 5.6 8.4#



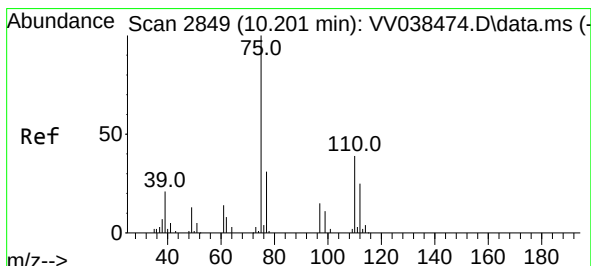
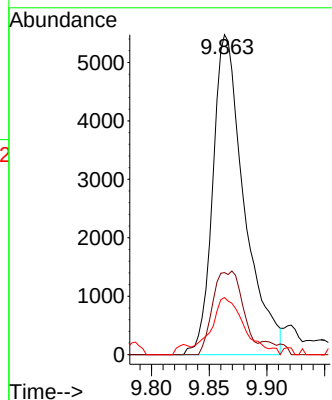
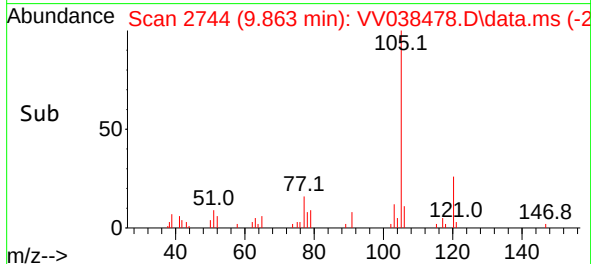


#60
Isopropylbenzene
Concen: 0.162 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Instrument :
MSVOA_V
ClientSampleId :

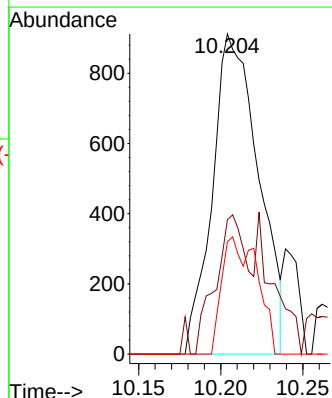
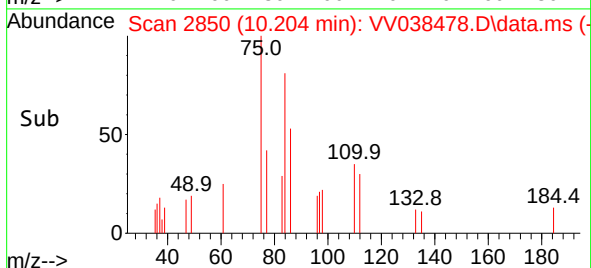
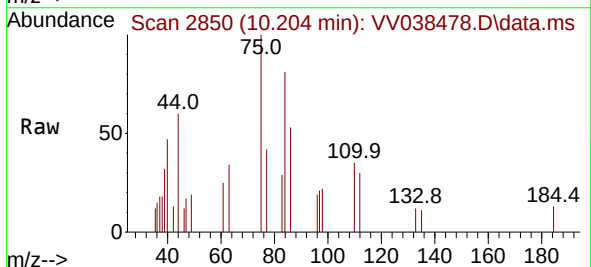


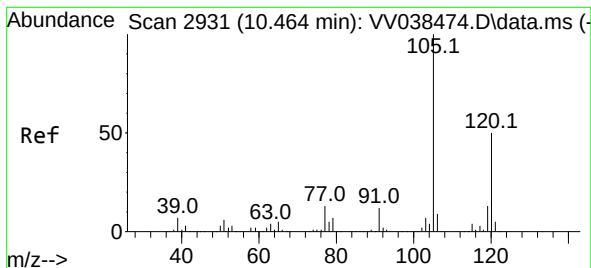
Tgt Ion:105 Resp: 10347
Ion Ratio Lower Upper
105 100
120 25.1 21.4 32.2
77 18.7 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 0.196 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.003 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Tgt Ion: 75 Resp: 1782
Ion Ratio Lower Upper
75 100
77 30.4 25.4 38.0
110 16.5 32.6 48.8#





#62

1,3,5-Trimethylbenzene

Concen: 0.161 ug/L

RT: 10.474 min Scan# 2931

Delta R.T. 0.010 min

Lab File: VV038478.D

Acq: 21 Jan 2025 13:06

Instrument :

MSVOA_V

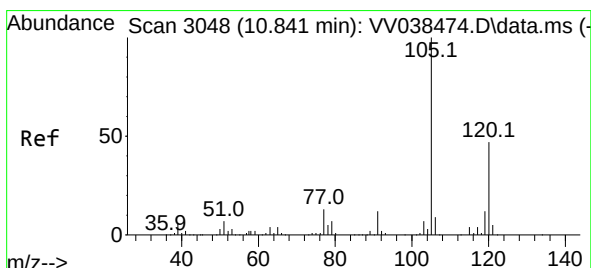
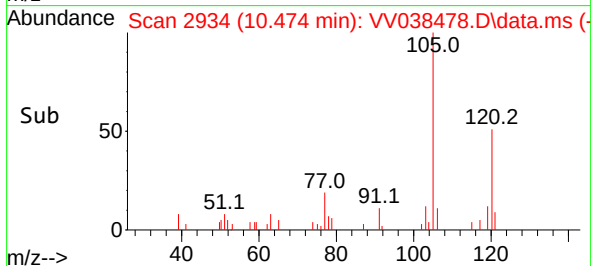
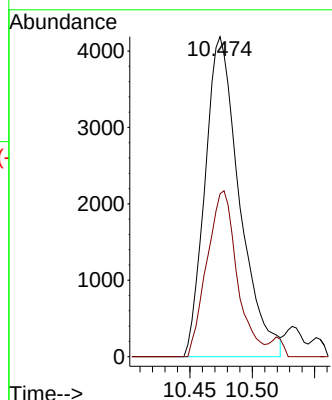
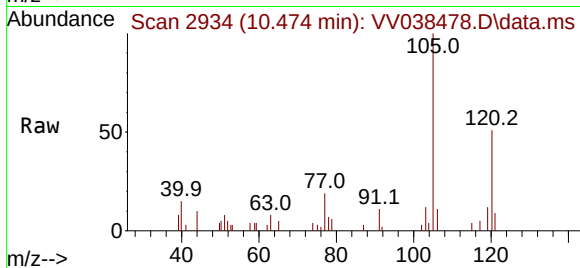
ClientSampleId :

Tgt Ion:105 Resp: 8038

Ion Ratio Lower Upper

105 100

120 45.4 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 0.149 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.010 min

Lab File: VV038478.D

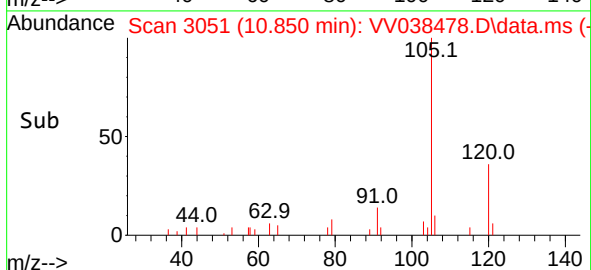
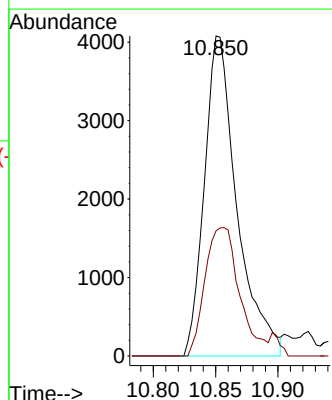
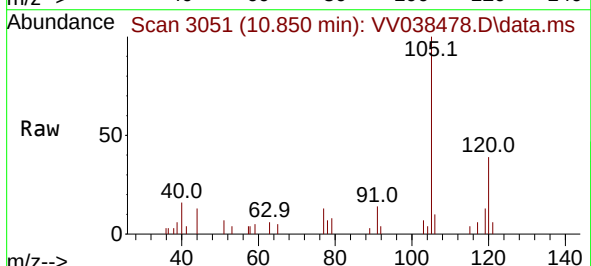
Acq: 21 Jan 2025 13:06

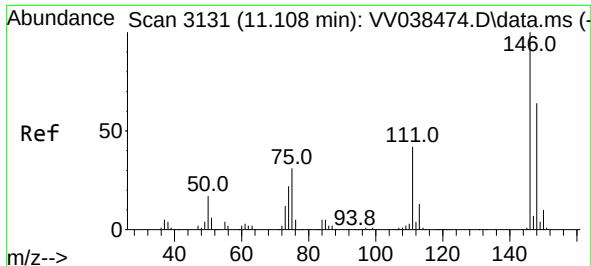
Tgt Ion:105 Resp: 7410

Ion Ratio Lower Upper

105 100

120 42.4 35.8 53.8

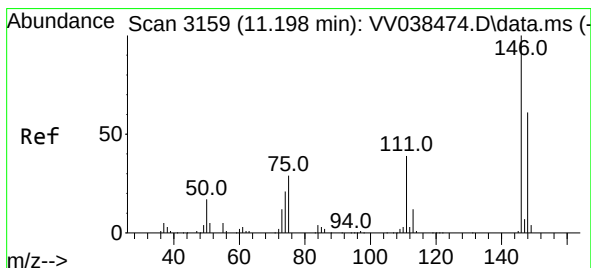
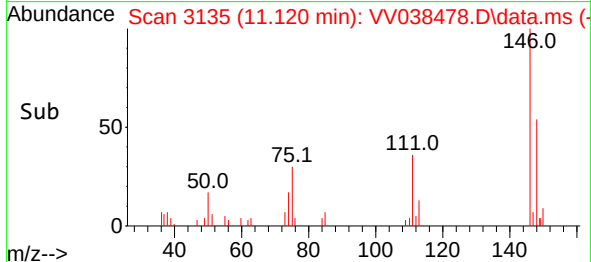
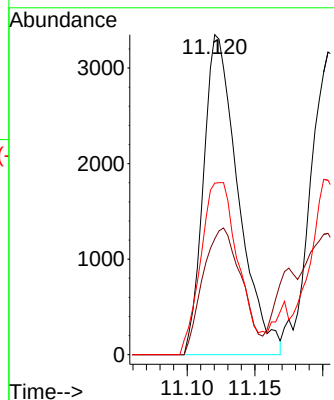
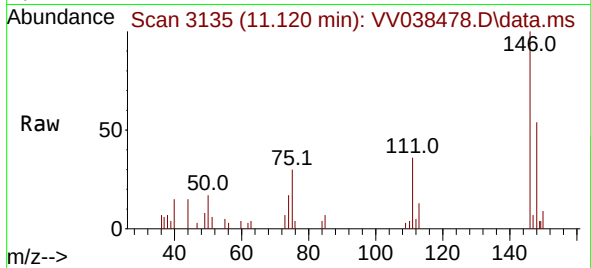




#64
1,3-Dichlorobenzene
Concen: 0.188 ug/L
RT: 11.120 min Scan# 3113
Delta R.T. 0.013 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

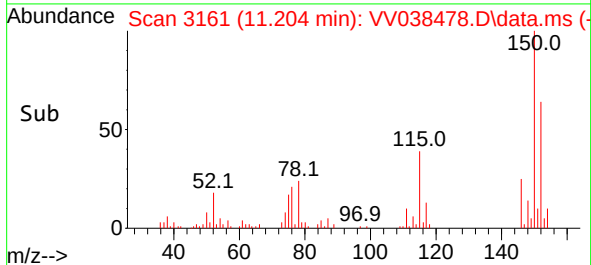
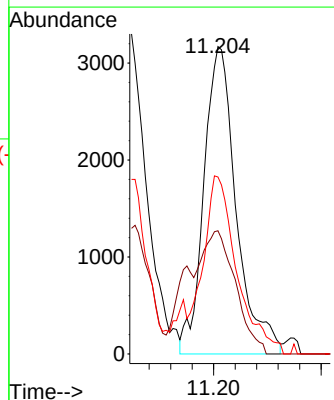
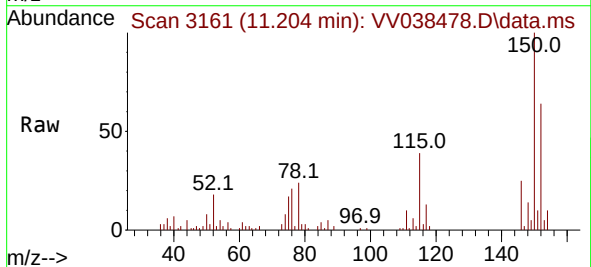
Instrument :
MSVOA_V
ClientSampleId :

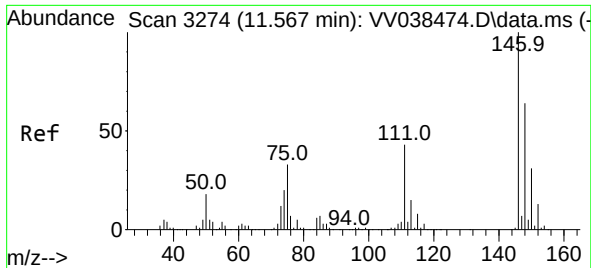
Tgt Ion:146 Resp: 5954
Ion Ratio Lower Upper
146 100
111 36.2 27.9 51.9
148 53.6 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 0.203 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.006 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Tgt Ion:146 Resp: 6637
Ion Ratio Lower Upper
146 100
111 40.1 28.1 52.3
148 57.6 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 0.214 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV038478.D

Acq: 21 Jan 2025 13:06

Instrument :

MSVOA_V

ClientSampleId :

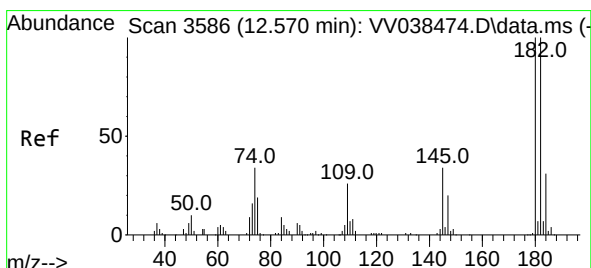
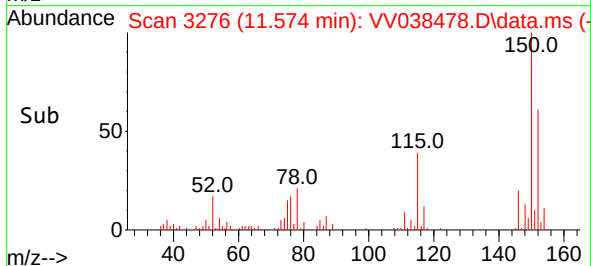
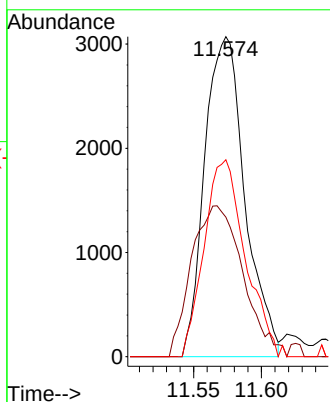
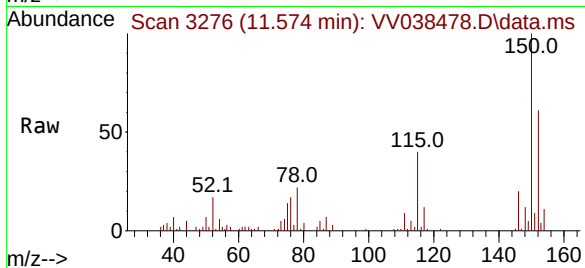
Tgt Ion:146 Resp: 6332

Ion Ratio Lower Upper

146 100

111 43.6 33.4 50.0

148 61.6 49.9 74.9



#69

1,3,5-Trichlorobenzene

Concen: 0.191 ug/L

RT: 12.587 min Scan# 3591

Delta R.T. 0.016 min

Lab File: VV038478.D

Acq: 21 Jan 2025 13:06

Tgt Ion:180 Resp: 4161

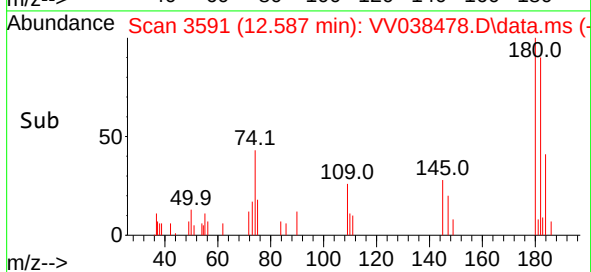
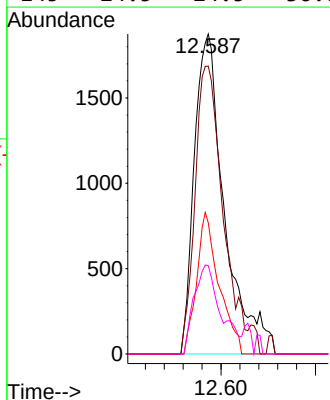
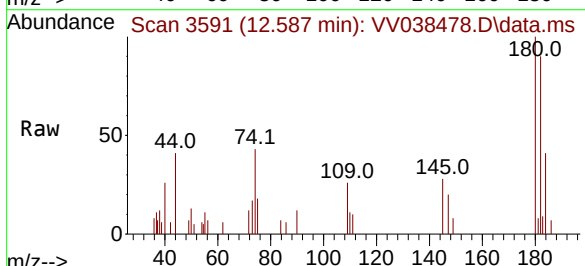
Ion Ratio Lower Upper

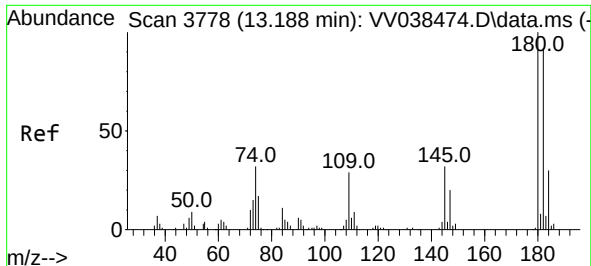
180 100

182 82.7 74.3 111.5

184 32.6 23.2 34.8

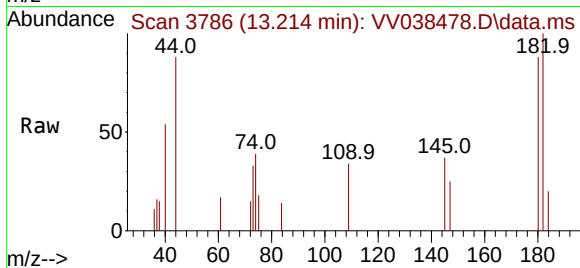
145 24.5 24.5 36.7#



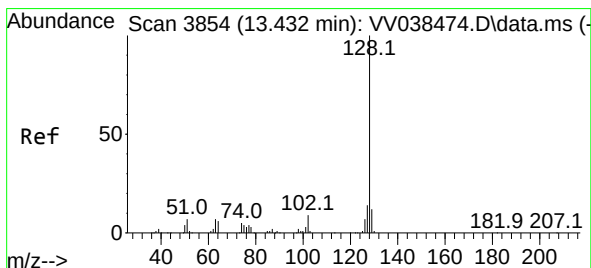
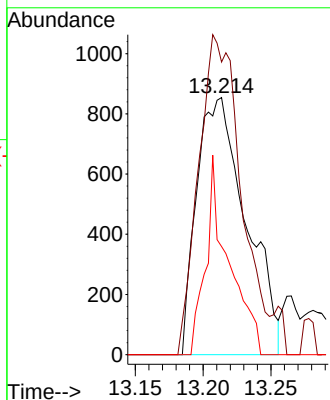
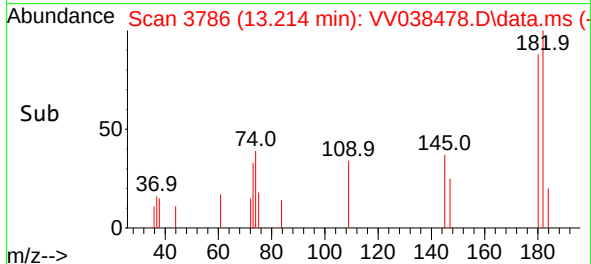


#70
1,2,4-trichlorobenzene
Concen: 0.134 ug/L
RT: 13.214 min Scan# 31
Delta R.T. 0.026 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

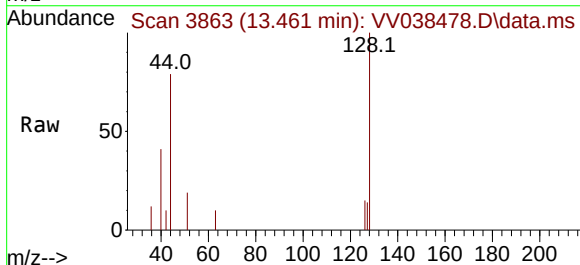
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:180 Resp: 2167
Ion Ratio Lower Upper
180 100
182 106.5 77.5 116.3
145 35.7 26.2 39.4



#71
Naphthalene
Concen: 0.091 ug/L
RT: 13.461 min Scan# 3863
Delta R.T. 0.029 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06



Tgt Ion:128 Resp: 2192
Ion Ratio Lower Upper
128 100
129 1.0 8.3 12.5#
127 6.3 11.0 16.6#

