

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW012225\
 Data File : VW038499.D
 Acq On : 22 Jan 2025 15:12
 Operator : SY/MD
 Sample : MDL06
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 23 01:39:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 23 01:38:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	210843	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	218198	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	95235	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	55456	3.189	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.800%
7) Chloroethane-d5	1.532	69	51854	3.551	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.000%
11) 1,1-Dichloroethene-d2	2.056	65	27465	3.505	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	3.857	46	110505	30.218	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	60.440%
24) Chloroform-d	4.240	84	121112	3.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.400%
26) 1,2-Dichloroethane-d4	4.937	65	57524	3.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
32) Benzene-d6	4.953	84	221612	3.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.800%
36) 1,2-Dichloropropane-d6	5.982	67	73577	4.028	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.600%
41) Toluene-d8	7.236	98	177182	3.282	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.600%#
43) trans-1,3-Dichloroprop...	7.558	79	21675	3.244	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.800%
46) 2-Hexanone-d5	8.027	63	73215	27.773	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	55.540%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	55601	3.839	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	67955	4.216	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	4555	0.193	ug/L	94
5) Vinyl chloride	1.282	62	4627	0.190	ug/L #	81
6) Bromomethane	1.487	94	2922	0.239	ug/L	89
8) Chloroethane	1.548	64	2846	0.195	ug/L	97
9) Trichlorofluoromethane	1.709	101	6126	0.197	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	4614	0.260	ug/L	90
12) 1,1-Dichloroethene	2.066	96	4571	0.261	ug/L #	1
14) Carbon disulfide	2.236	76	11799	0.201	ug/L	100
16) Methylene chloride	2.449	84	3938	0.203	ug/L	93
17) Methyl tert-butyl Ether	2.709	73	6738	0.183	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	3484	0.194	ug/L	99
19) 1,1-Dichloroethane	3.111	63	6737	0.197	ug/L #	91
22) cis-1,2-Dichloroethene	3.822	96	3154	0.173	ug/L	99
23) Bromochloromethane	4.162	128	1457	0.175	ug/L	85
25) Chloroform	4.275	83	7492	0.222	ug/L	98
27) 1,2-Dichloroethane	5.056	62	2637	0.140	ug/L #	88
29) 1,1,1-Trichloroethane	4.513	97	6003	0.207	ug/L #	39
30) Cyclohexane	4.574	56	4767	0.180	ug/L	90
31) Carbon tetrachloride	4.735	117	5081	0.198	ug/L	89

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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 23 01:38:03 2025
 Response via : Initial Calibration

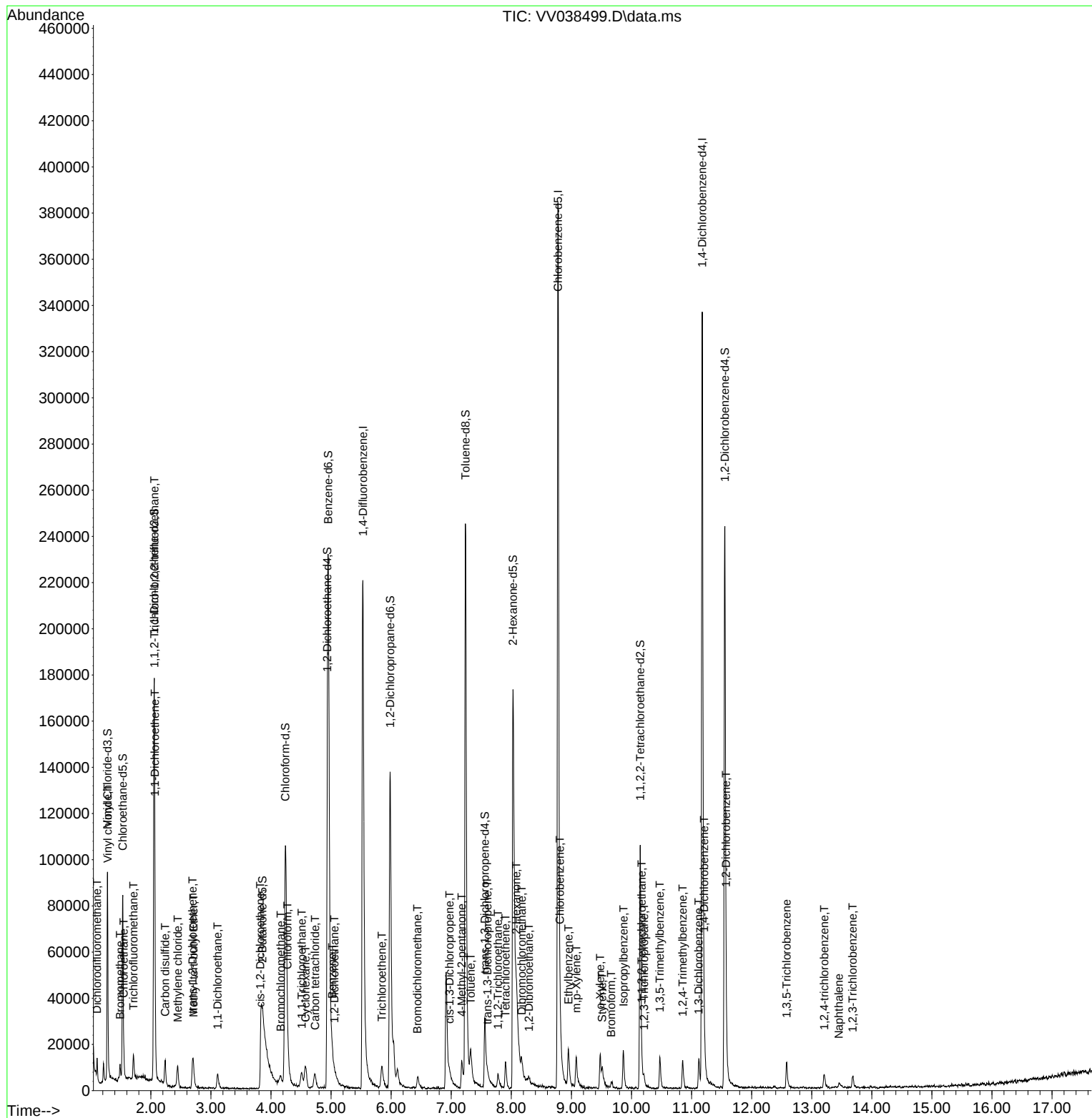
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.018	78	12582	0.182	ug/L	100
34) Trichloroethene	5.847	95	3427	0.190	ug/L	92
38) Bromodichloromethane	6.436	83	4298	0.185	ug/L #	88
39) cis-1,3-Dichloropropene	6.969	75	4005	0.162	ug/L	93
40) 4-Methyl-2-pentanone	7.175	43	10177	1.099	ug/L #	87
42) Toluene	7.323	91	12158	0.168	ug/L	97
44) trans-1,3-Dichloropropene	7.603	75	2067	0.099	ug/L	97
45) 1,1,2-Trichloroethane	7.776	97	2692	0.209	ug/L	81
47) Tetrachloroethene	7.905	164	3062	0.220	ug/L	80
48) 2-Hexanone	8.085	43	29473	4.397	ug/L #	85
49) Dibromochloromethane	8.175	129	2631	0.178	ug/L	99
50) 1,2-Dibromoethane	8.291	107	2271	0.190	ug/L #	88
51) Chlorobenzene	8.809	112	8858	0.182	ug/L	95
52) Ethylbenzene	8.950	91	12715	0.164	ug/L	97
53) m,p-Xylene	9.082	106	4482	0.152	ug/L	86
54) o-Xylene	9.481	106	3776	0.135	ug/L	86
55) Styrene	9.513	104	5420	0.111	ug/L	88
57) 1,1,2,2-Tetrachloroethane	10.172	83	3143	0.201	ug/L #	85
59) Bromoform	9.664	173	1220	0.184	ug/L #	80
60) Isopropylbenzene	9.866	105	10959	0.171	ug/L	95
61) 1,2,3-Trichloropropane	10.207	75	1798	0.197	ug/L #	76
62) 1,3,5-Trimethylbenzene	10.471	105	7906	0.158	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	7262	0.145	ug/L	94
64) 1,3-Dichlorobenzene	11.120	146	6252	0.197	ug/L	90
65) 1,4-Dichlorobenzene	11.207	146	6075	0.185	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	6296	0.211	ug/L	92
69) 1,3,5-Trichlorobenzene	12.580	180	4034	0.184	ug/L	96
70) 1,2,4-trichlorobenzene	13.207	180	2467	0.152	ug/L #	96
71) Naphthalene	13.451	128	3353	0.139	ug/L #	78
72) 1,2,3-Trichlorobenzene	13.680	180	1972	0.140	ug/L	86

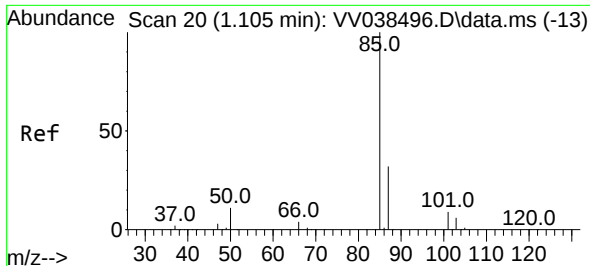
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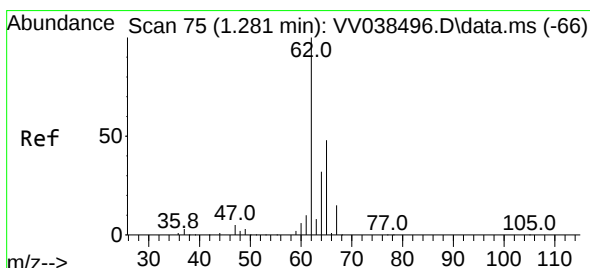
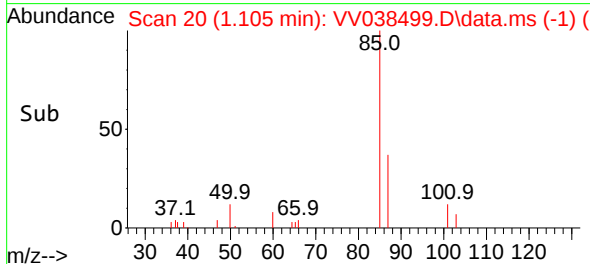
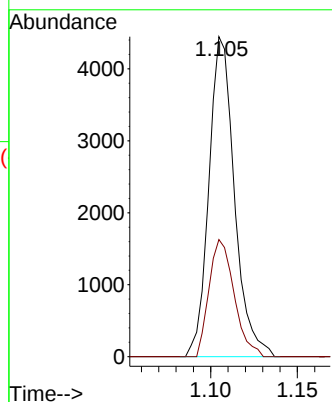
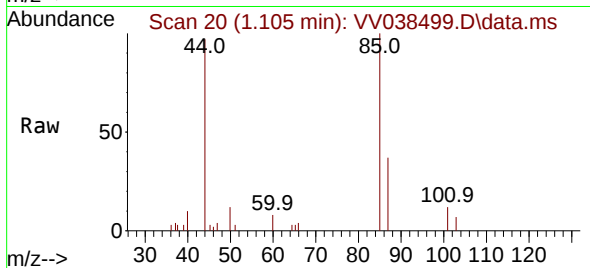




#2
 Dichlorodifluoromethane
 Concen: 0.193 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038499.D
 Acq: 22 Jan 2025 15:12

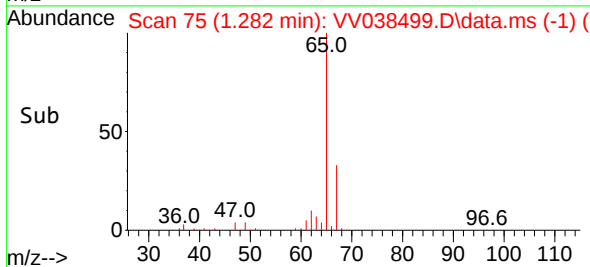
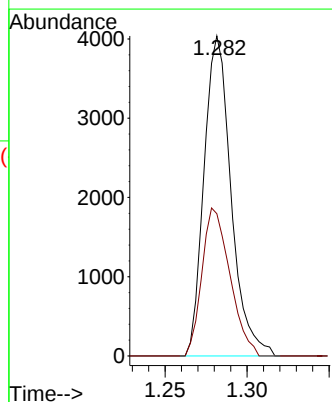
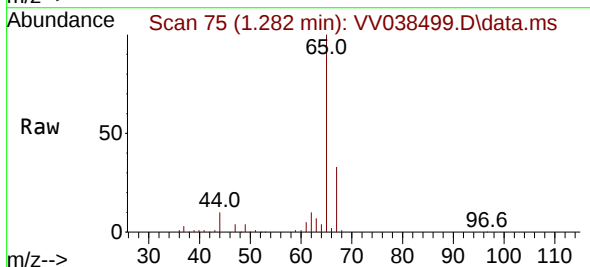
Instrument :
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 ClientSampleId :

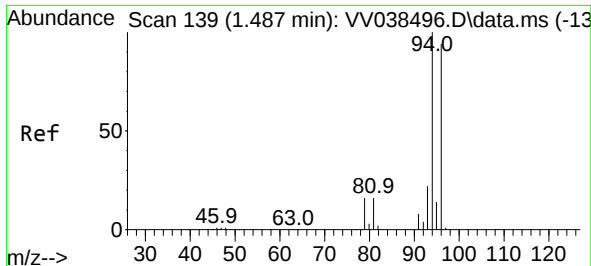
Tgt Ion: 85 Resp: 4555
 Ion Ratio Lower Upper
 85 100
 87 35.9 26.0 39.0



#5
 Vinyl chloride
 Concen: 0.190 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV038499.D
 Acq: 22 Jan 2025 15:12

Tgt Ion: 62 Resp: 4627
 Ion Ratio Lower Upper
 62 100
 64 44.5 23.5 43.7#

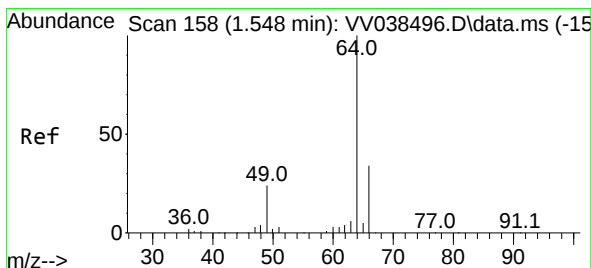
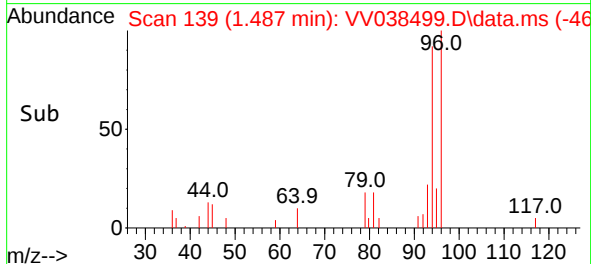
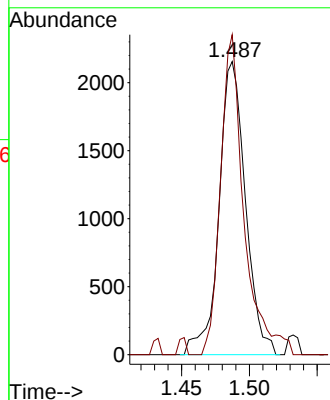
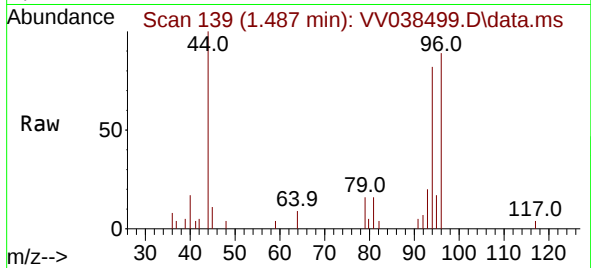




#6
Bromomethane
Concen: 0.239 ug/L
RT: 1.487 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

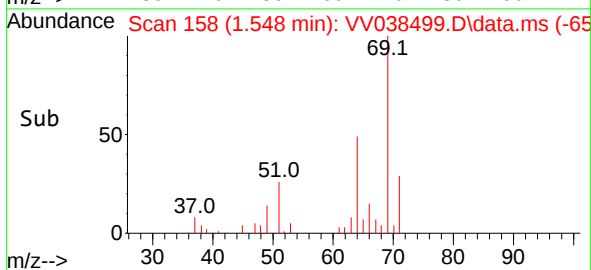
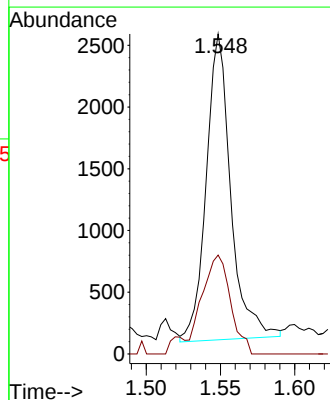
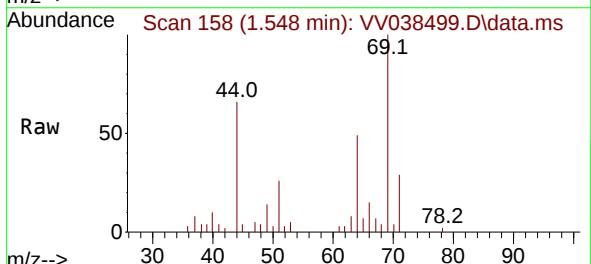
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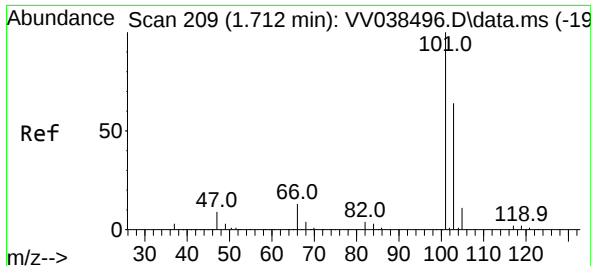
Tgt Ion: 94 Resp: 2922
Ion Ratio Lower Upper
94 100
96 109.2 68.9 127.9



#8
Chloroethane
Concen: 0.195 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

Tgt Ion: 64 Resp: 2846
Ion Ratio Lower Upper
64 100
66 30.9 22.7 42.1

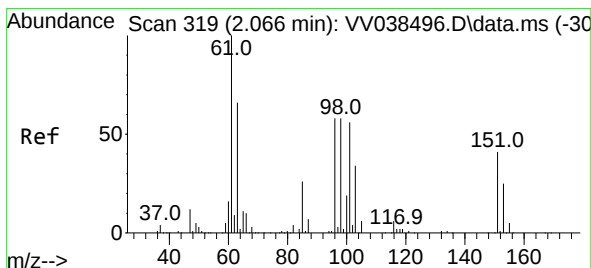
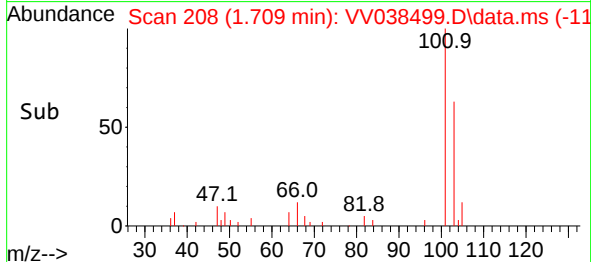
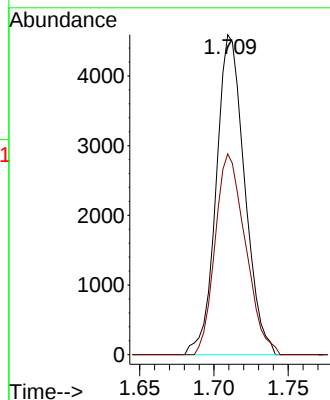
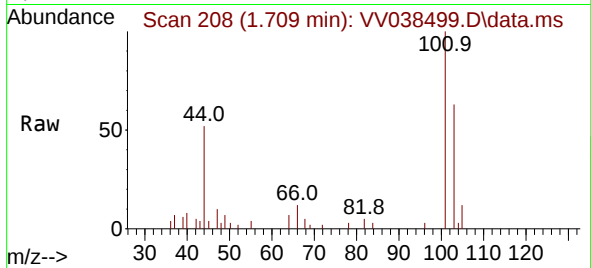




#9
Trichlorofluoromethane
Concen: 0.197 ug/L
RT: 1.709 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

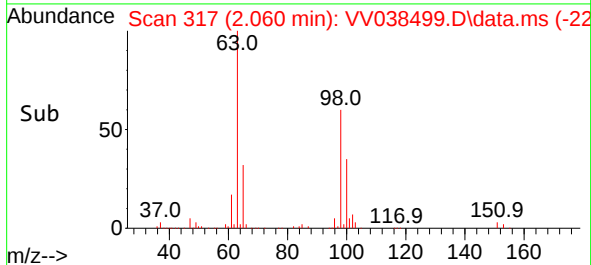
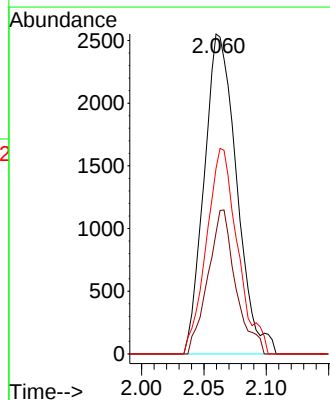
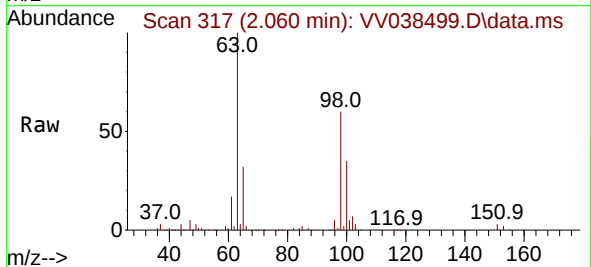
Instrument :
MSVOA_V
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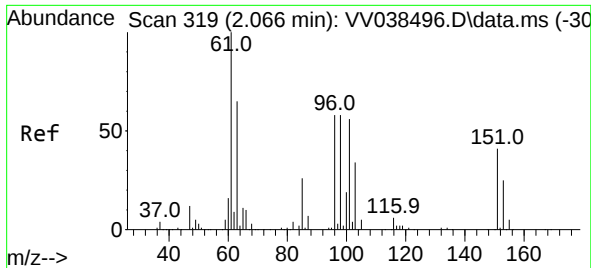
Tgt Ion:101 Resp: 6126
Ion Ratio Lower Upper
101 100
103 66.9 51.5 77.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.260 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.006 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

Tgt Ion:101 Resp: 4614
Ion Ratio Lower Upper
101 100
85 38.6 35.2 52.8
151 61.8 56.6 85.0

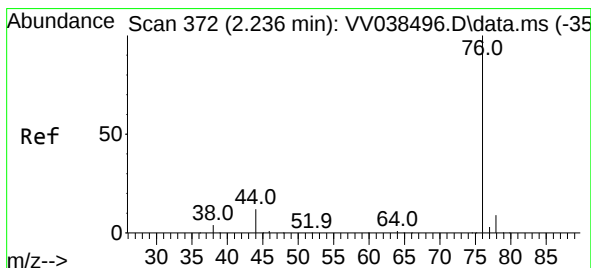
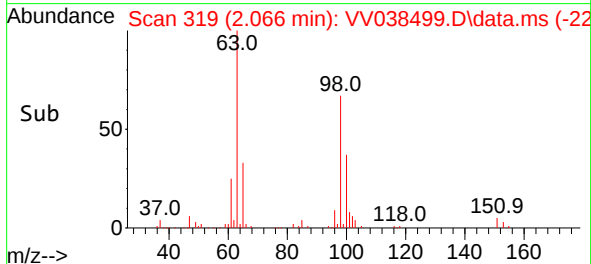
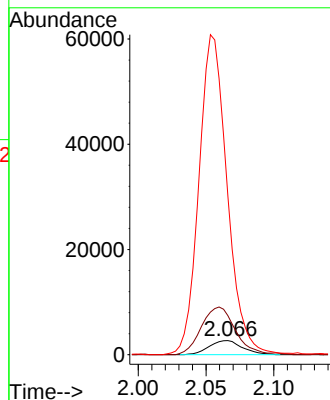
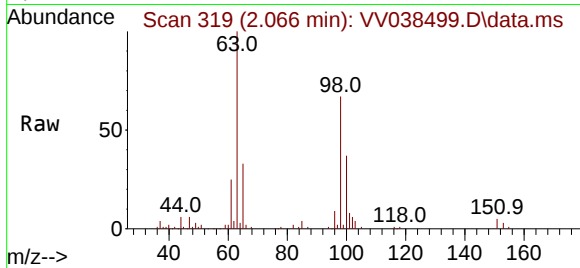




#12
1,1-Dichloroethene
Concen: 0.261 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

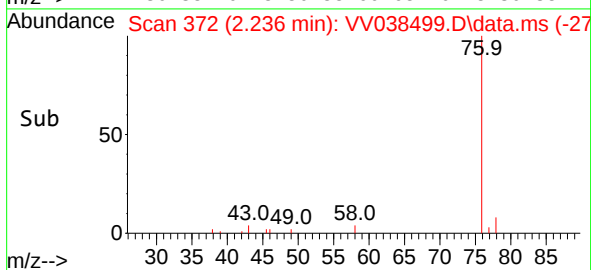
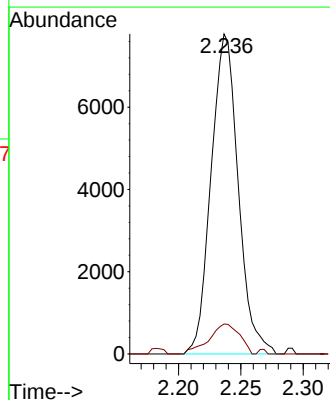
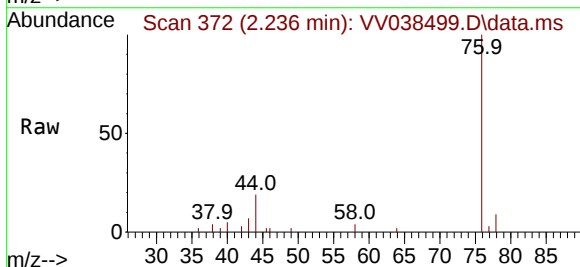
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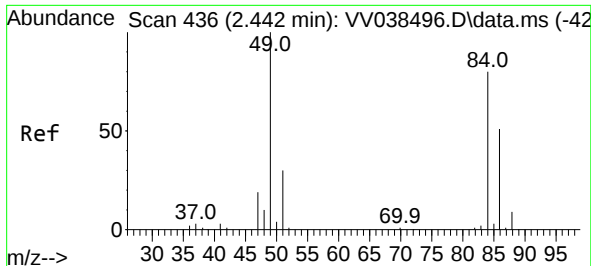
Tgt Ion: 96 Resp: 4571
Ion Ratio Lower Upper
96 100
61 275.4 122.2 227.0#
63 1122.1 86.2 160.0#



#14
Carbon disulfide
Concen: 0.201 ug/L
RT: 2.236 min Scan# 372
Delta R.T. 0.000 min
Lab File: VV038499.D
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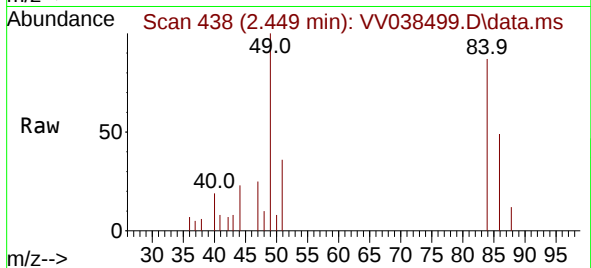
Tgt Ion: 76 Resp: 11799
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4





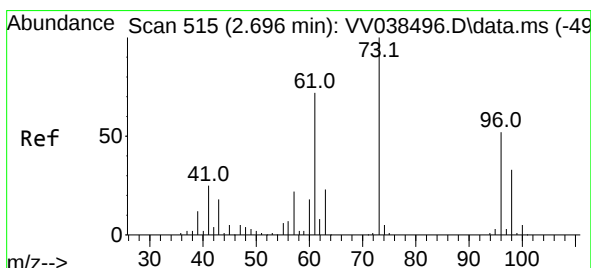
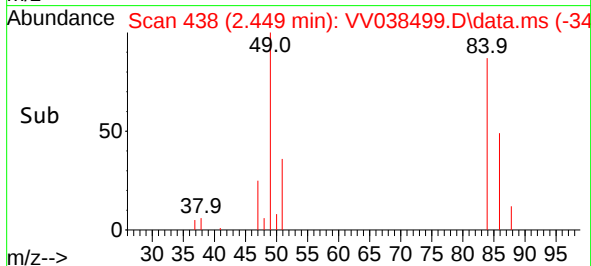
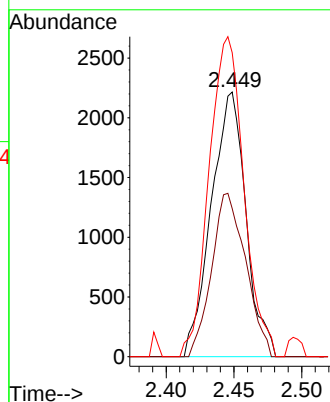
#16
Methylene chloride
Concen: 0.203 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 3938

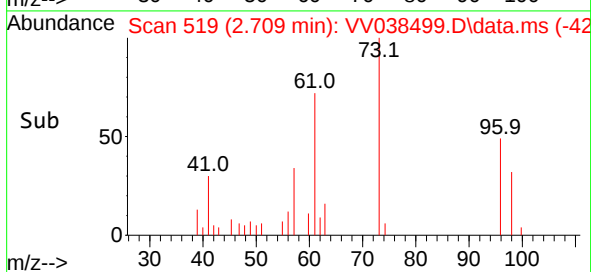
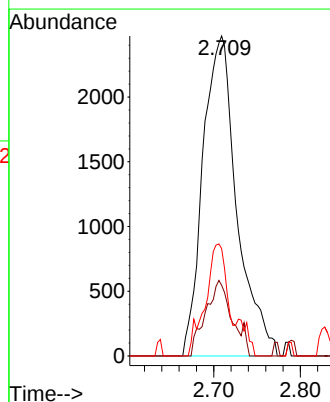
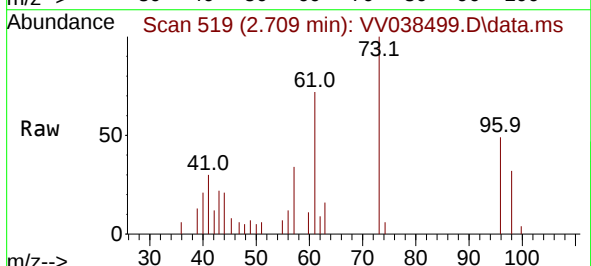
Ion	Ratio	Lower	Upper
84	100		
86	56.0	44.7	82.9
49	114.9	84.1	156.1

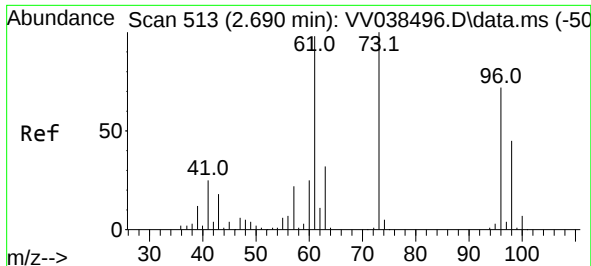


#17
Methyl tert-butyl Ether
Concen: 0.183 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.013 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

Tgt Ion: 73 Resp: 6738

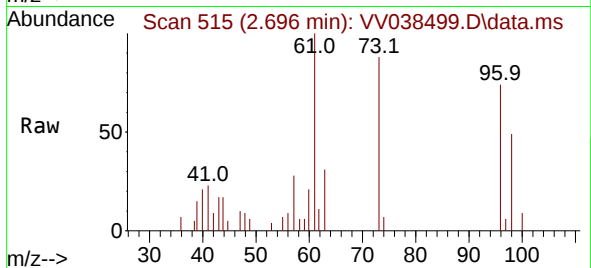
Ion	Ratio	Lower	Upper
73	100		
43	18.4	14.6	21.8
57	22.8	17.9	26.9





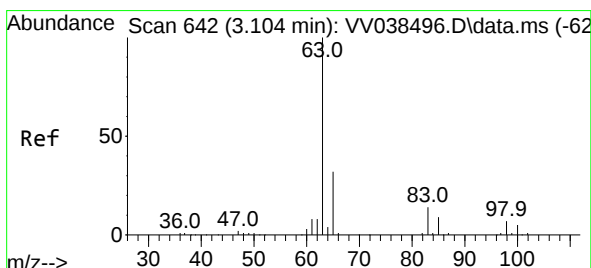
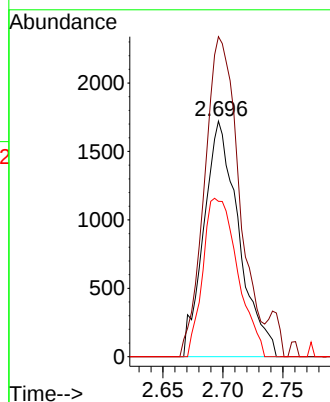
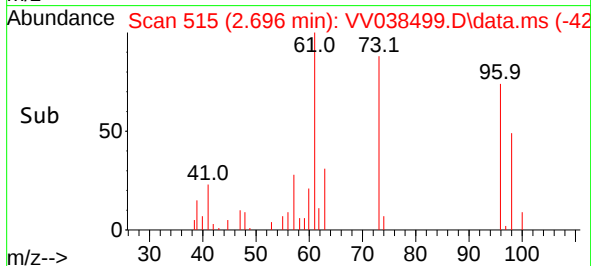
#18
 trans-1,2-Dichloroethene
 Concen: 0.194 ug/L
 RT: 2.696 min Scan# 513
 Delta R.T. 0.007 min
 Lab File: VV038499.D
 Acq: 22 Jan 2025 15:12

Instrument :
 MSVOA_V
 ClientSampleId :

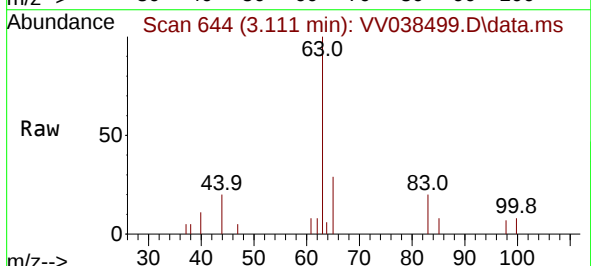


Tgt Ion: 96 Resp: 3484

Ion	Ratio	Lower	Upper
96	100		
61	135.9	94.8	176.2
98	66.0	44.2	82.2

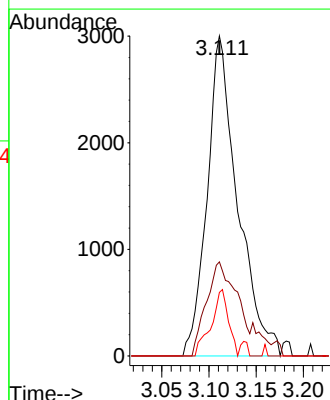
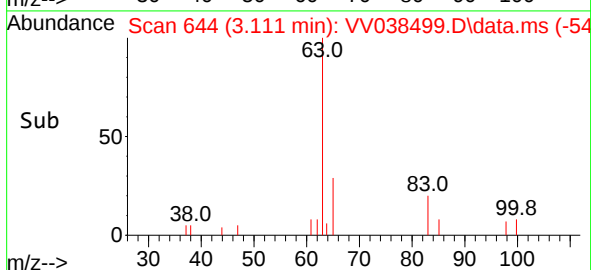


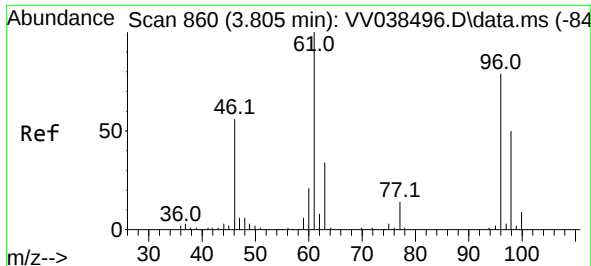
#19
 1,1-Dichloroethane
 Concen: 0.197 ug/L
 RT: 3.111 min Scan# 644
 Delta R.T. 0.007 min
 Lab File: VV038499.D
 Acq: 22 Jan 2025 15:12



Tgt Ion: 63 Resp: 6737

Ion	Ratio	Lower	Upper
63	100		
65	27.7	22.5	41.9
83	18.7	9.4	17.6





#22

cis-1,2-Dichloroethene

Concen: 0.173 ug/L

RT: 3.822 min Scan# 80

Delta R.T. 0.016 min

Lab File: VV038499.D

Acq: 22 Jan 2025 15:12

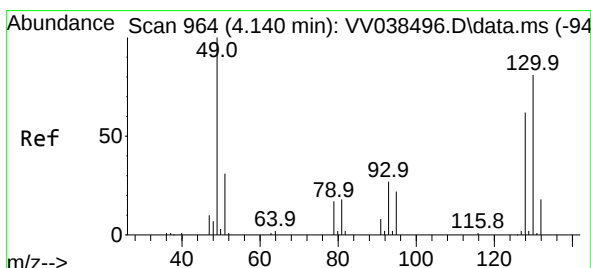
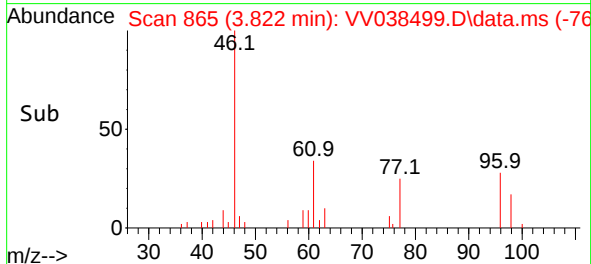
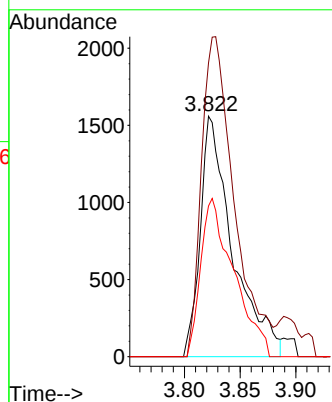
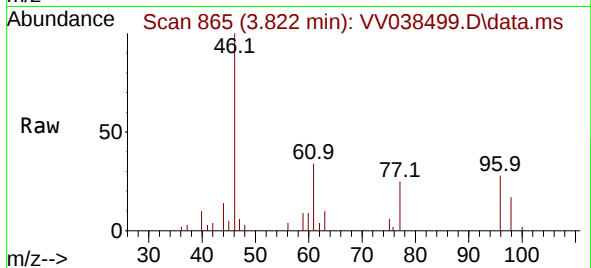
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 3154

Ion	Ratio	Lower	Upper
96	100		
61	122.2	86.5	160.7
98	62.7	43.8	81.3



#23

Bromochloromethane

Concen: 0.175 ug/L

RT: 4.162 min Scan# 971

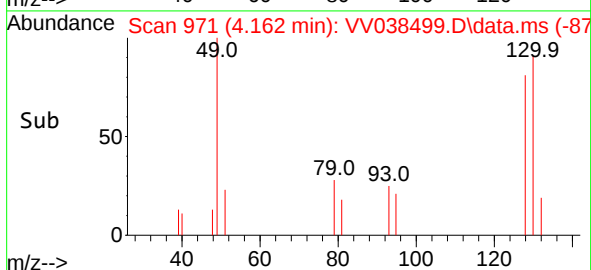
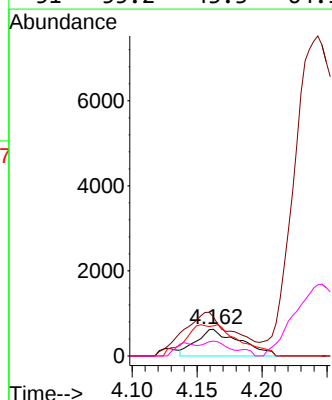
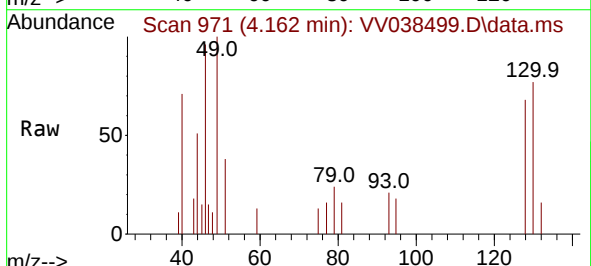
Delta R.T. 0.023 min

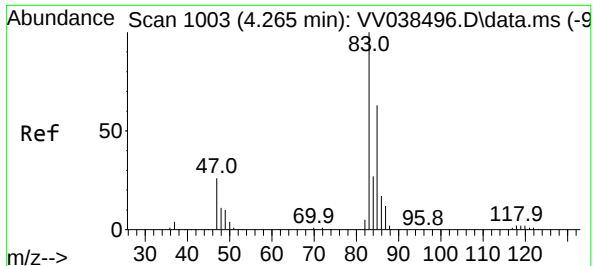
Lab File: VV038499.D

Acq: 22 Jan 2025 15:12

Tgt Ion: 128 Resp: 1457

Ion	Ratio	Lower	Upper
128	100		
49	146.5	121.0	224.8
130	112.4	90.1	167.3
51	55.2	43.3	64.9





#25

Chloroform

Concen: 0.222 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV038499.D

Acq: 22 Jan 2025 15:12

Instrument :

MSVOA_V

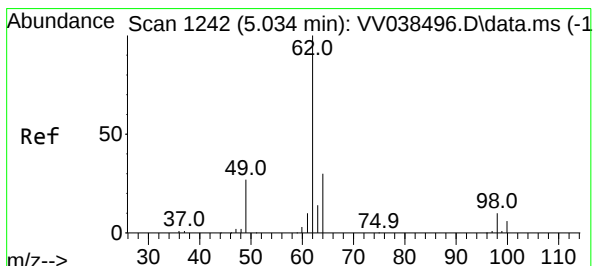
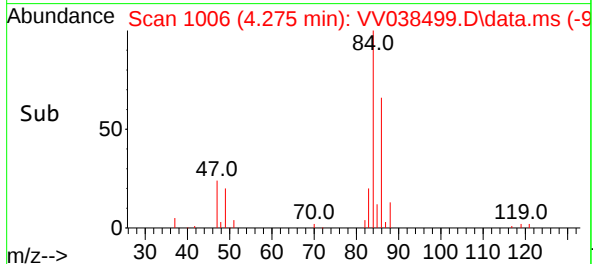
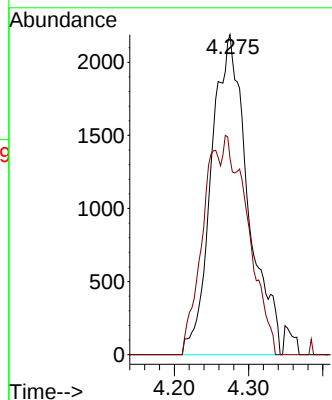
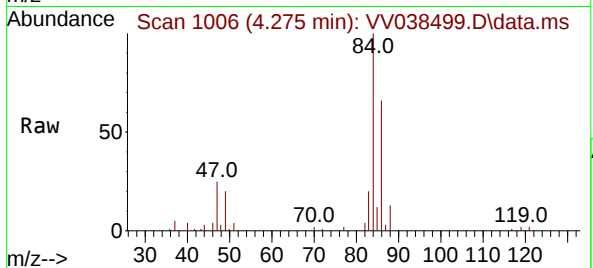
ClientSampleId :

Tgt Ion: 83 Resp: 7492

Ion Ratio Lower Upper

83 100

85 61.4 44.0 81.8



#27

1,2-Dichloroethane

Concen: 0.140 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. 0.023 min

Lab File: VV038499.D

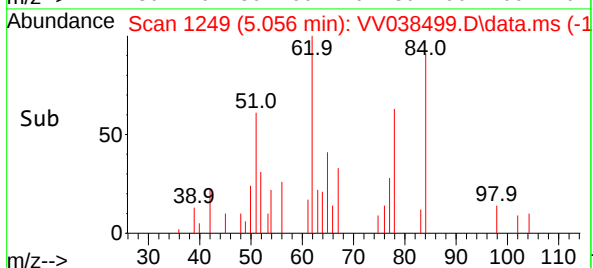
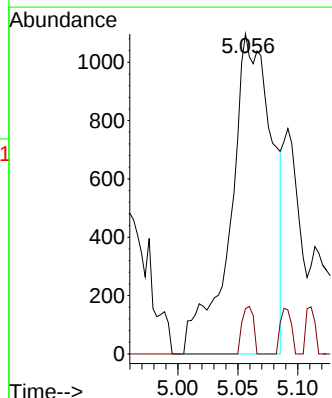
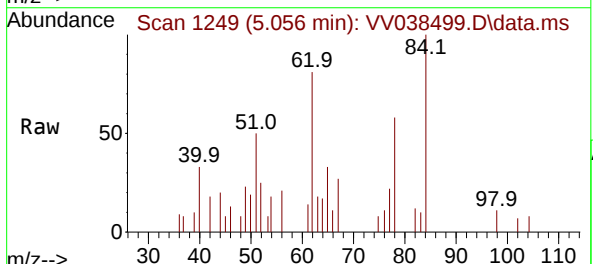
Acq: 22 Jan 2025 15:12

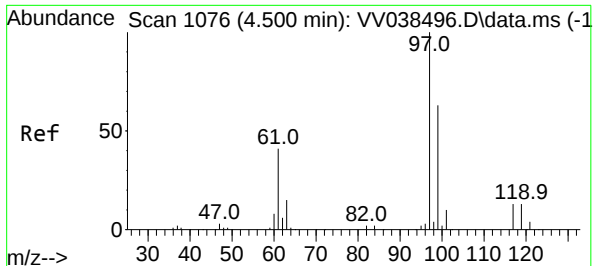
Tgt Ion: 62 Resp: 2637

Ion Ratio Lower Upper

62 100

98 14.1 7.8 11.6#





#29

1,1,1-Trichloroethane

Concen: 0.207 ug/L

RT: 4.513 min Scan# 1076

Delta R.T. 0.013 min

Lab File: VV038499.D

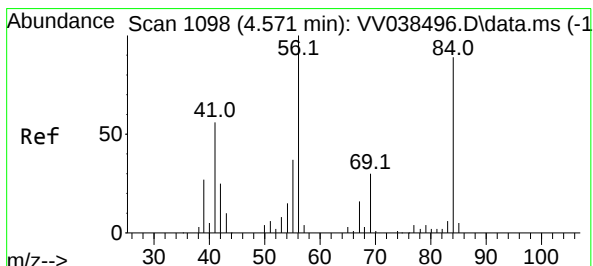
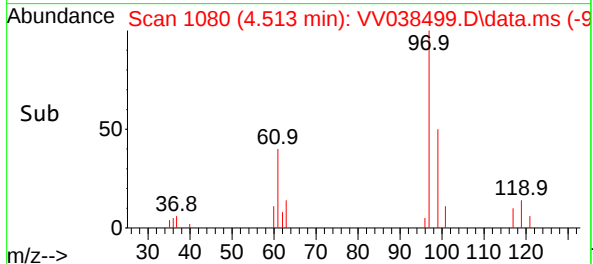
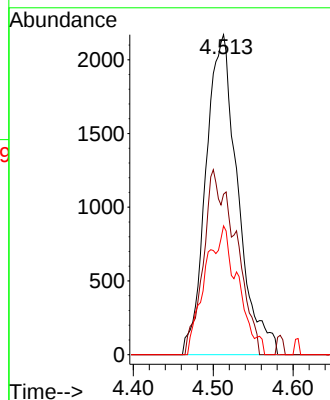
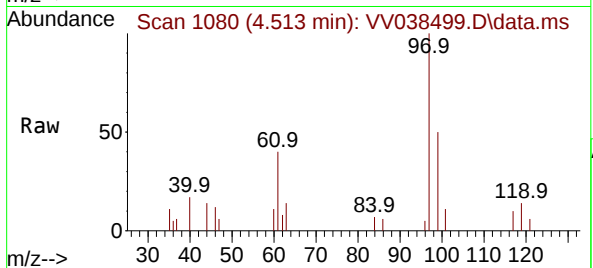
Acq: 22 Jan 2025 15:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97	Resp: 6003
Ion Ratio	Lower Upper
97 100	
99 1.1	52.9 79.3#
61 25.1	36.4 54.6#



#30

Cyclohexane

Concen: 0.180 ug/L

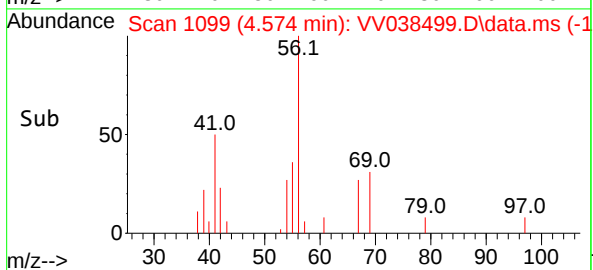
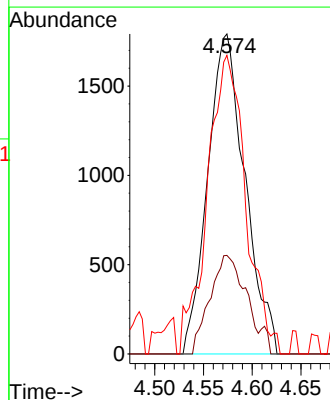
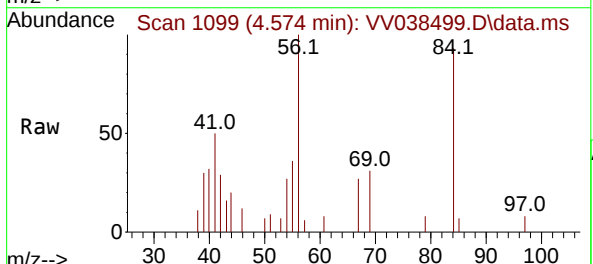
RT: 4.574 min Scan# 1099

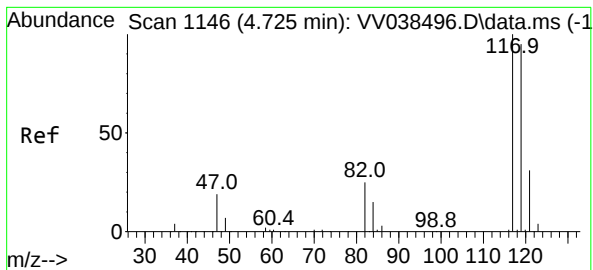
Delta R.T. 0.003 min

Lab File: VV038499.D

Acq: 22 Jan 2025 15:12

Tgt Ion: 56	Resp: 4767
Ion Ratio	Lower Upper
56 100	
69 29.0	24.7 37.1
84 96.2	68.2 102.2





#31

Carbon tetrachloride

Concen: 0.198 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. 0.010 min

Lab File: VV038499.D

Acq: 22 Jan 2025 15:12

Instrument :

MSVOA_V

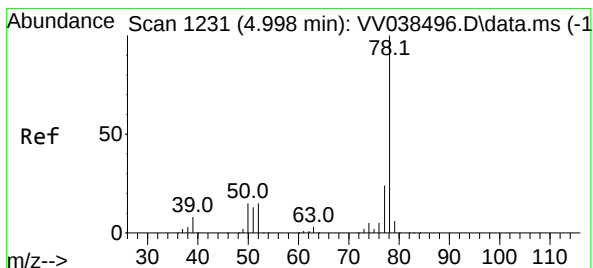
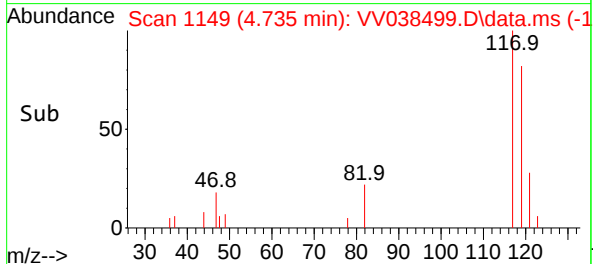
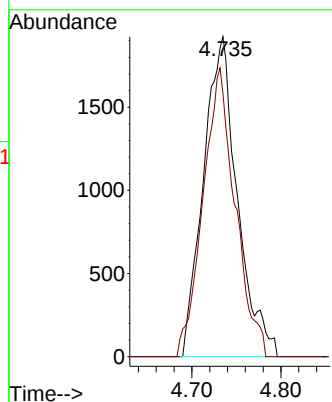
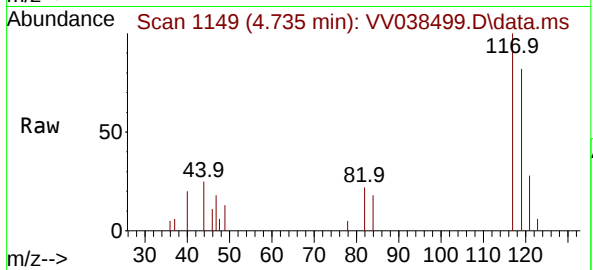
ClientSampleId :

Tgt Ion:117 Resp: 5081

Ion Ratio Lower Upper

117 100

119 85.5 76.6 115.0



#33

Benzene

Concen: 0.182 ug/L

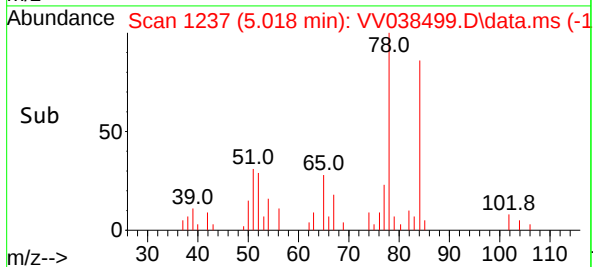
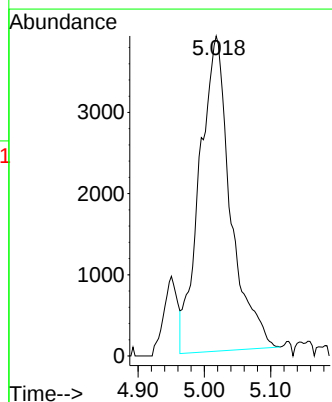
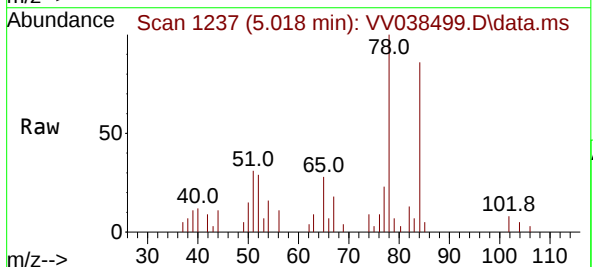
RT: 5.018 min Scan# 1237

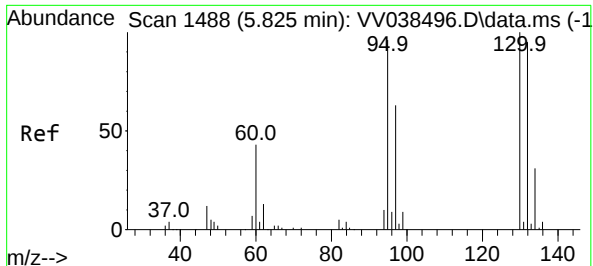
Delta R.T. 0.019 min

Lab File: VV038499.D

Acq: 22 Jan 2025 15:12

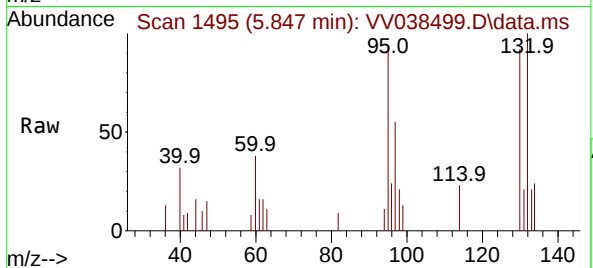
Tgt Ion: 78 Resp: 12582





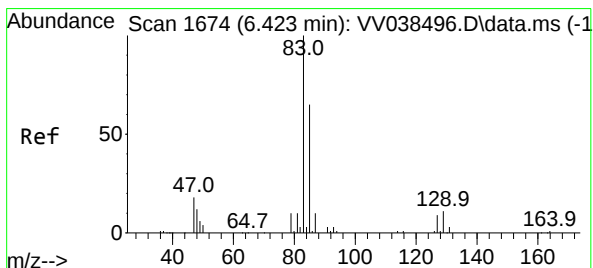
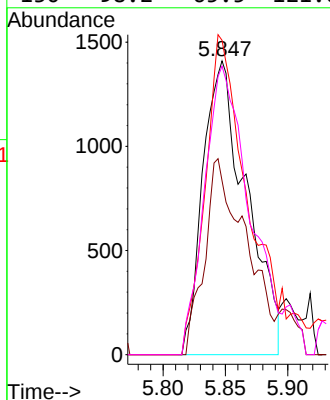
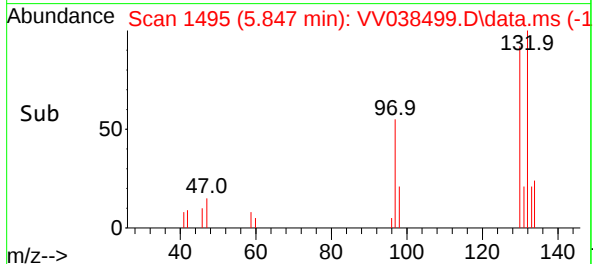
#34
Trichloroethene
Concen: 0.190 ug/L
RT: 5.847 min Scan# 1488
Delta R.T. 0.023 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

Instrument :
MSVOA_V
ClientSampleId :

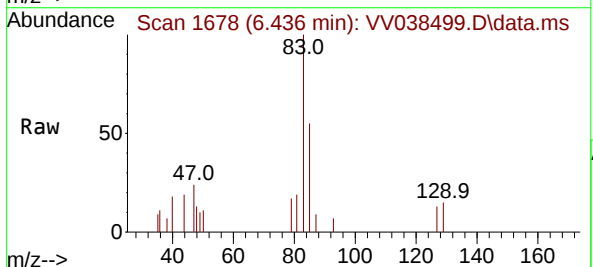


Tgt Ion: 95 Resp: 3427

Ion	Ratio	Lower	Upper
95	100		
97	59.2	43.4	80.6
132	107.0	65.5	121.6
130	98.2	65.5	121.6

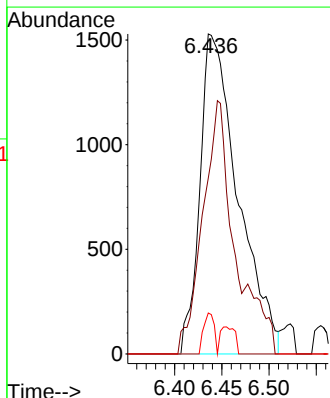
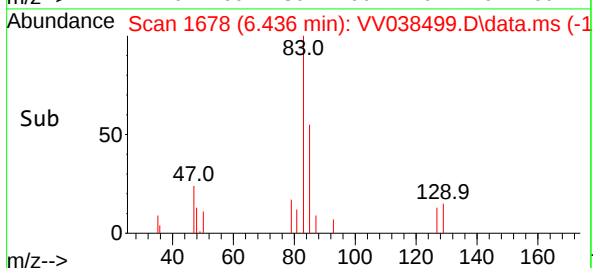


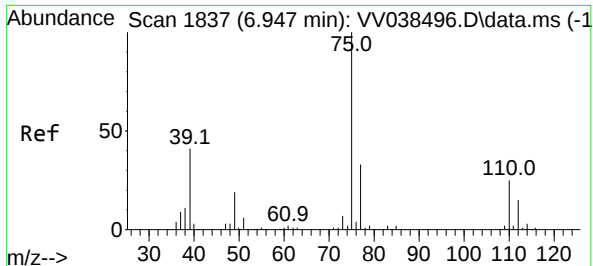
#38
Bromodichloromethane
Concen: 0.185 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.013 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12



Tgt Ion: 83 Resp: 4298

Ion	Ratio	Lower	Upper
83	100		
85	54.9	44.7	83.1
127	12.8	6.8	10.2





#39

cis-1,3-Dichloropropene

Concen: 0.162 ug/L

RT: 6.969 min Scan# 1844

Delta R.T. 0.023 min

Lab File: VV038499.D

Acq: 22 Jan 2025 15:12

Instrument :

MSVOA_V

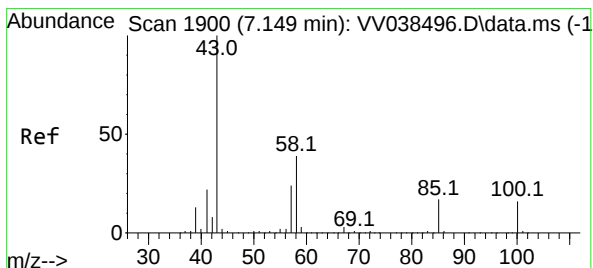
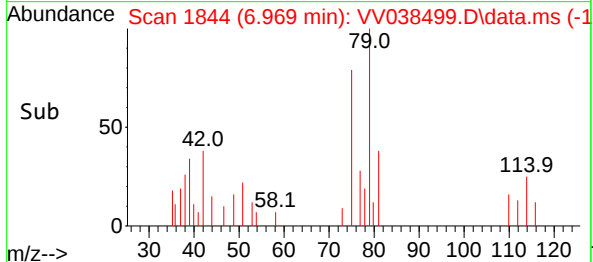
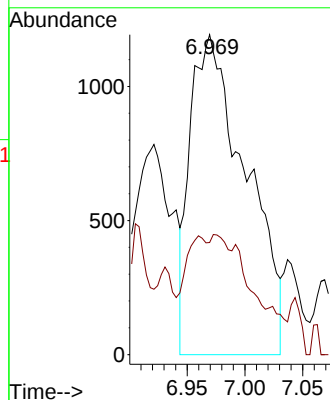
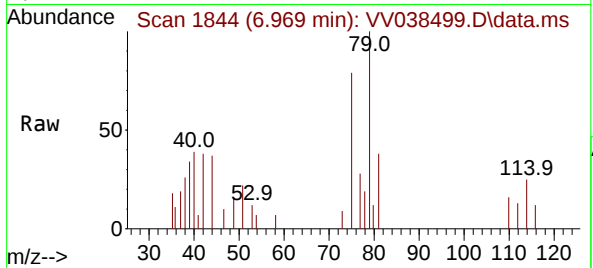
ClientSampleId :

Tgt Ion: 75 Resp: 4005

Ion Ratio Lower Upper

75 100

77 35.0 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 1.099 ug/L

RT: 7.175 min Scan# 1908

Delta R.T. 0.026 min

Lab File: VV038499.D

Acq: 22 Jan 2025 15:12

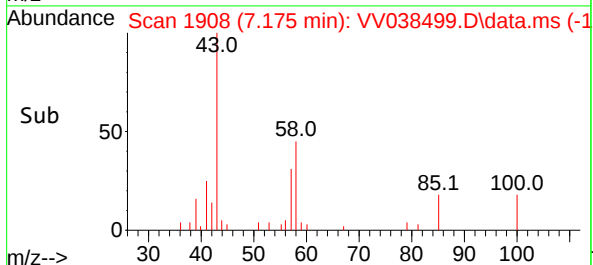
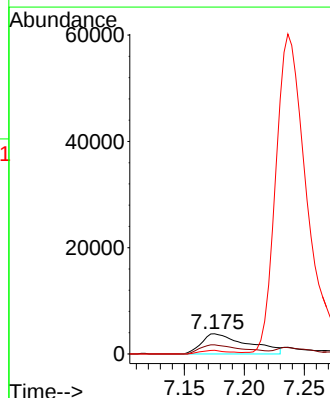
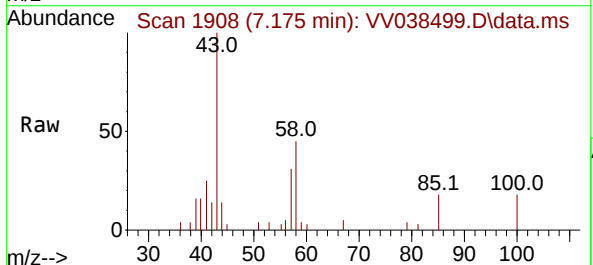
Tgt Ion: 43 Resp: 10177

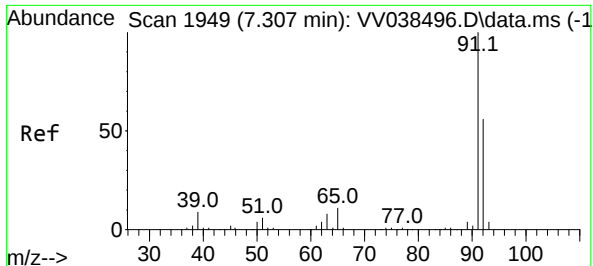
Ion Ratio Lower Upper

43 100

58 42.2 31.7 47.5

100 0.0 12.4 18.6#





#42

Toluene

Concen: 0.168 ug/L

RT: 7.323 min Scan# 1949

Delta R.T. 0.016 min

Lab File: VV038499.D

Acq: 22 Jan 2025 15:12

Instrument :

MSVOA_V

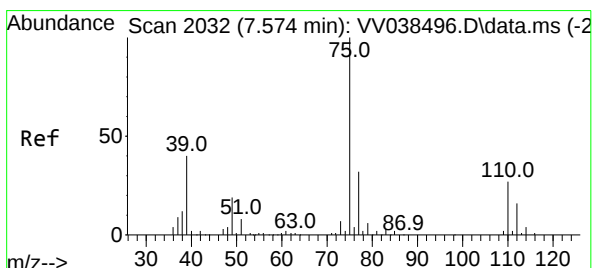
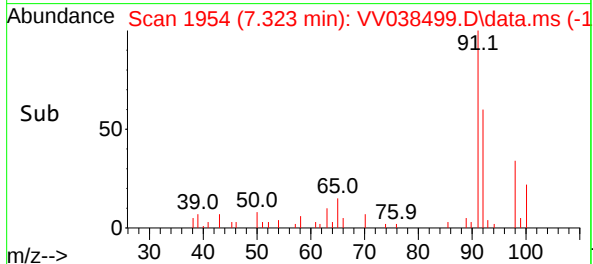
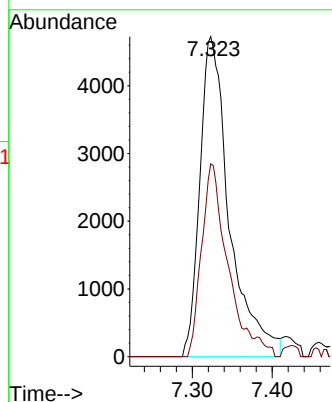
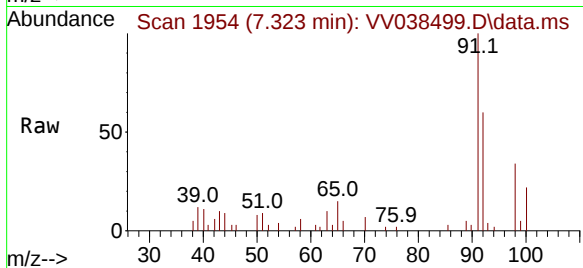
ClientSampleId :

Tgt Ion: 91 Resp: 12158

Ion Ratio Lower Upper

91 100

92 60.2 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.603 min Scan# 2041

Delta R.T. 0.029 min

Lab File: VV038499.D

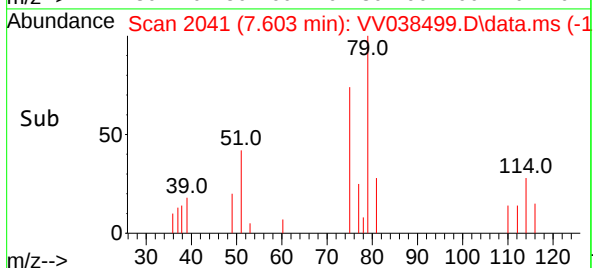
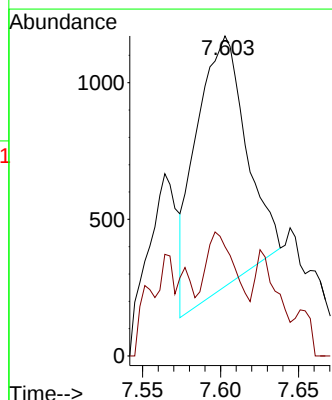
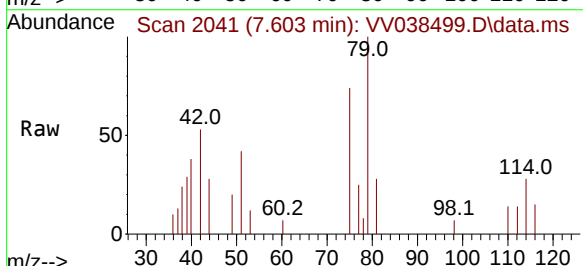
Acq: 22 Jan 2025 15:12

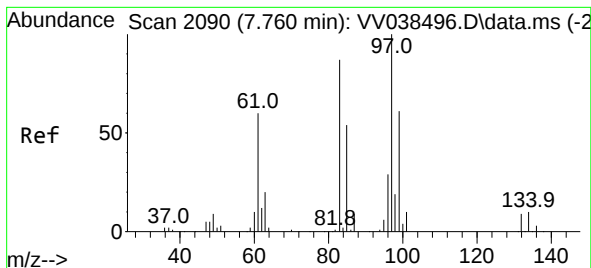
Tgt Ion: 75 Resp: 2067

Ion Ratio Lower Upper

75 100

77 34.2 22.8 42.4





#45

1,1,2-Trichloroethane

Concen: 0.209 ug/L

RT: 7.776 min Scan# 2090

Delta R.T. 0.016 min

Lab File: VV038499.D

Acq: 22 Jan 2025 15:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 2692

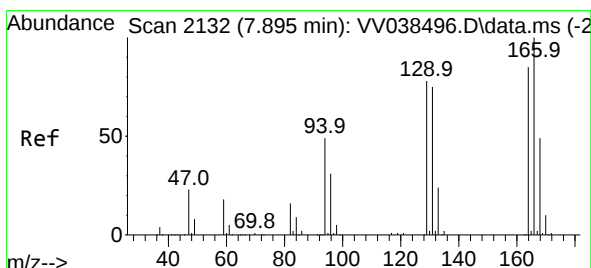
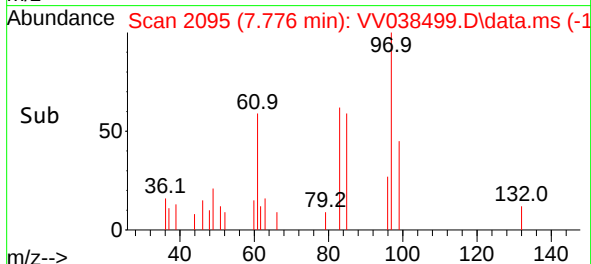
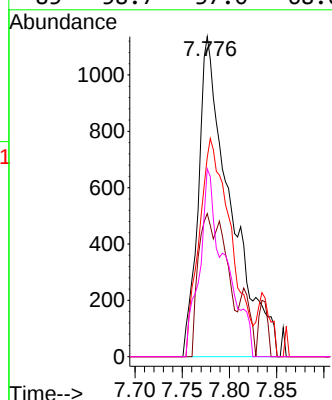
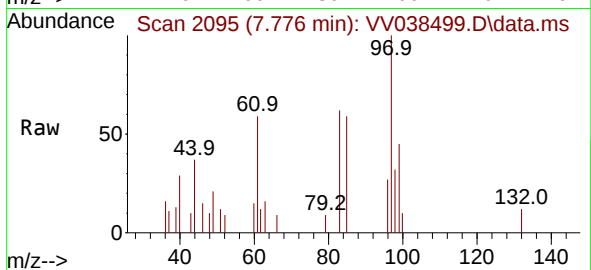
Ion Ratio Lower Upper

97 100

99 44.7 42.3 78.5

83 62.2 59.4 110.4

85 58.7 37.0 68.6



#47

Tetrachloroethene

Concen: 0.220 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.010 min

Lab File: VV038499.D

Acq: 22 Jan 2025 15:12

Tgt Ion: 164 Resp: 3062

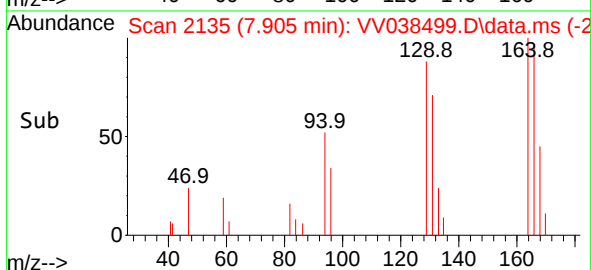
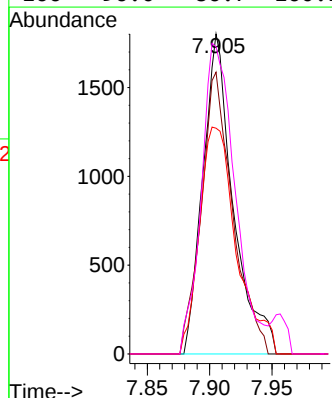
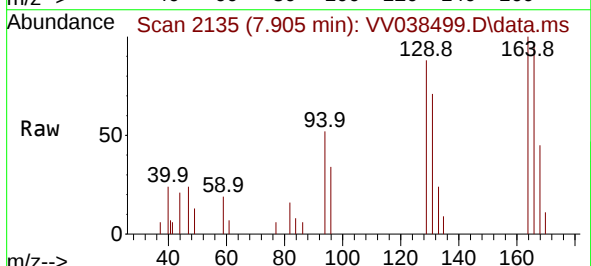
Ion Ratio Lower Upper

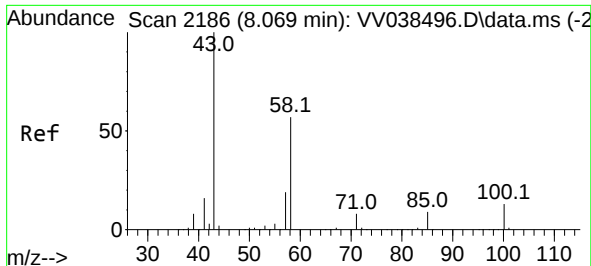
164 100

129 88.1 68.9 127.9

131 70.5 65.2 121.2

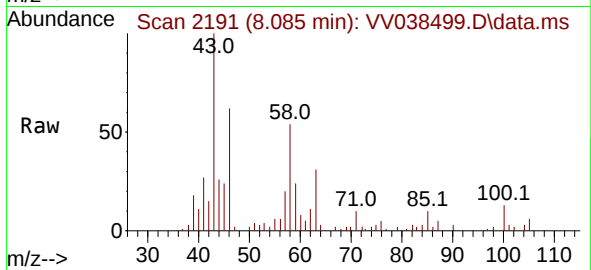
166 96.0 86.7 160.9



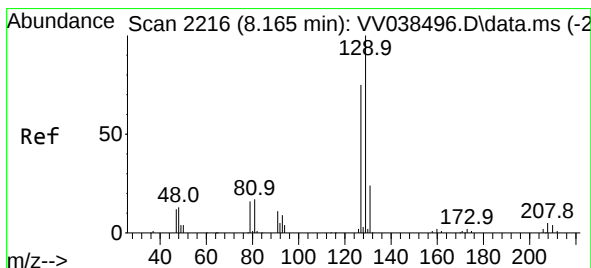
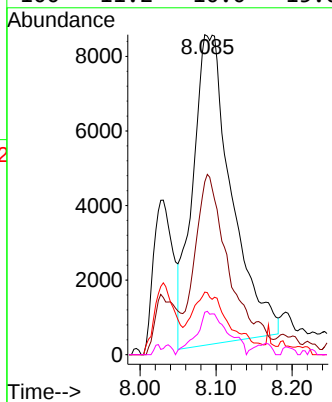
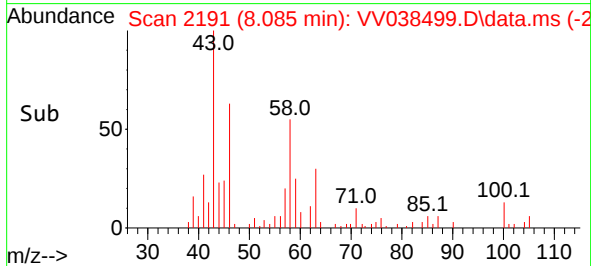


#48
2-Hexanone
Concen: 4.397 ug/L
RT: 8.085 min Scan# 2186
Delta R.T. 0.016 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

Instrument :
MSVOA_V
ClientSampleId :

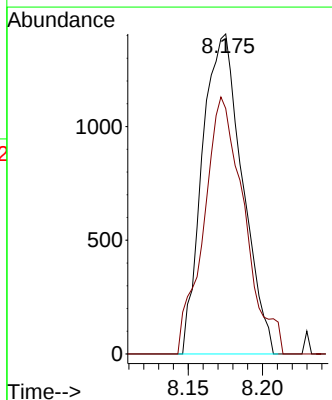
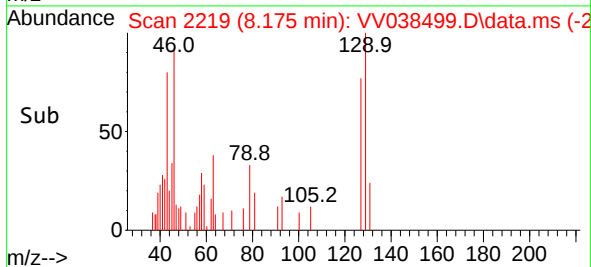
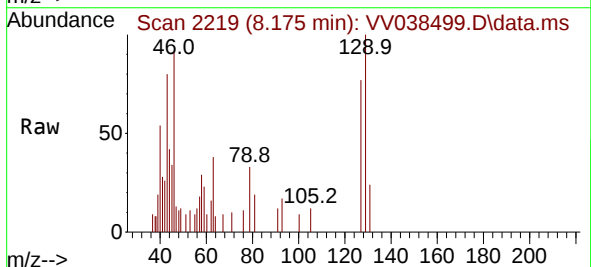


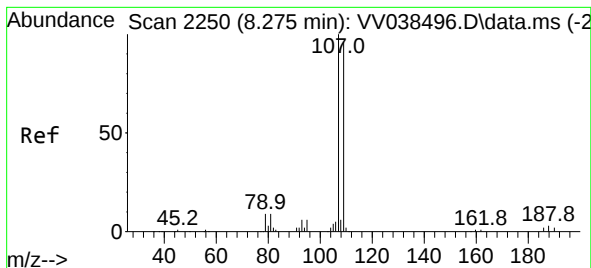
Tgt Ion: 43 Resp: 29473
Ion Ratio Lower Upper
43 100
58 38.4 43.6 65.4#
57 17.8 15.0 22.4
100 11.2 10.0 15.0



#49
Dibromochloromethane
Concen: 0.178 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.010 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

Tgt Ion: 129 Resp: 2631
Ion Ratio Lower Upper
129 100
127 76.7 52.8 98.2





#50

1,2-Dibromoethane

Concen: 0.190 ug/L

RT: 8.291 min Scan# 21

Delta R.T. 0.016 min

Lab File: VV038499.D

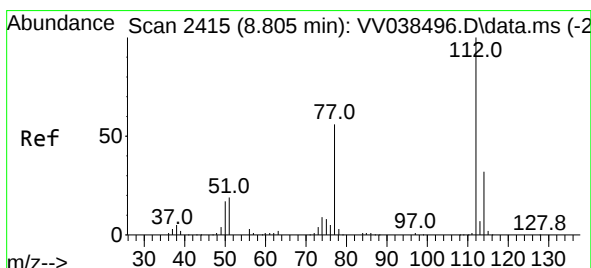
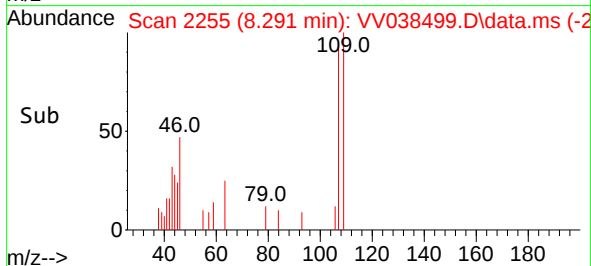
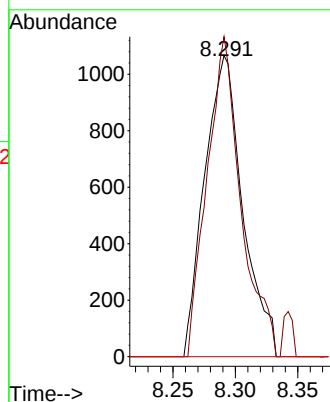
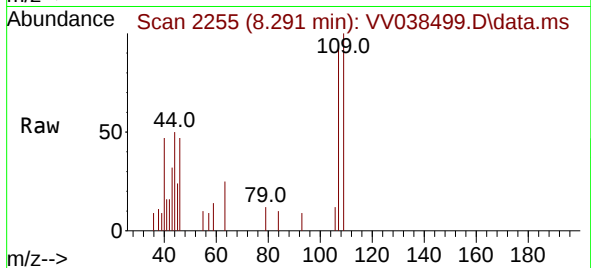
Acq: 22 Jan 2025 15:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	2271
Ion	Ratio	Lower Upper
107	100	
109	106.2	65.9 122.3
188	0.0	2.8 4.2#



#51

Chlorobenzene

Concen: 0.182 ug/L

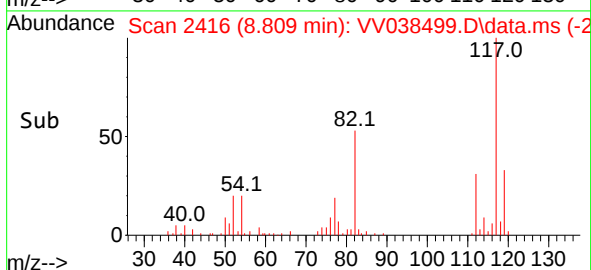
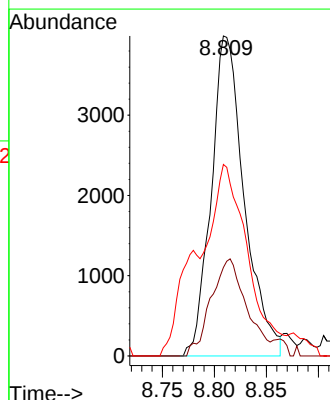
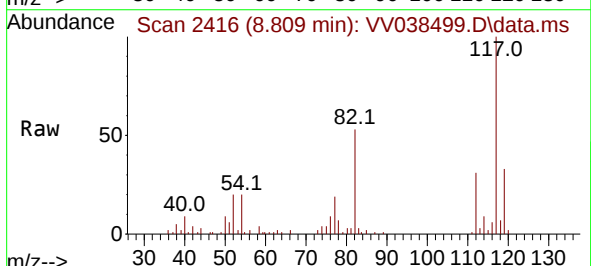
RT: 8.809 min Scan# 2416

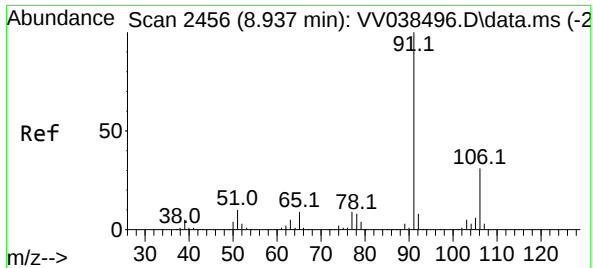
Delta R.T. 0.003 min

Lab File: VV038499.D

Acq: 22 Jan 2025 15:12

Tgt Ion:112	Resp:	8858
Ion	Ratio	Lower Upper
112	100	
114	27.7	22.9 42.5
77	59.9	46.1 69.1

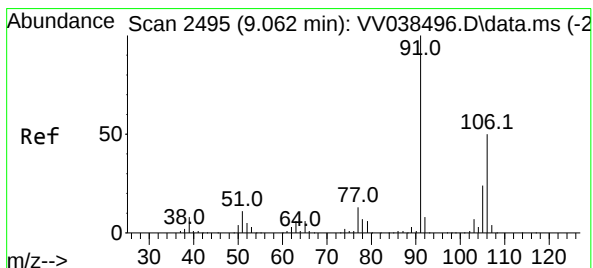
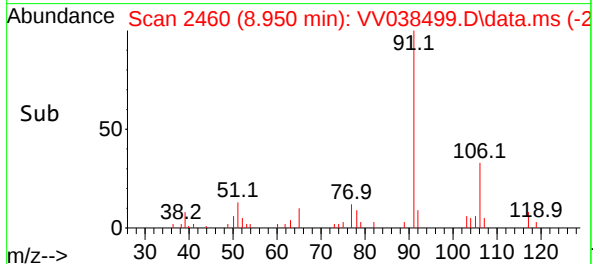
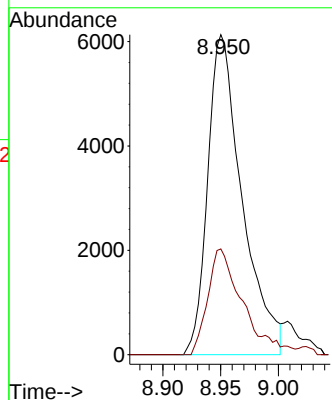
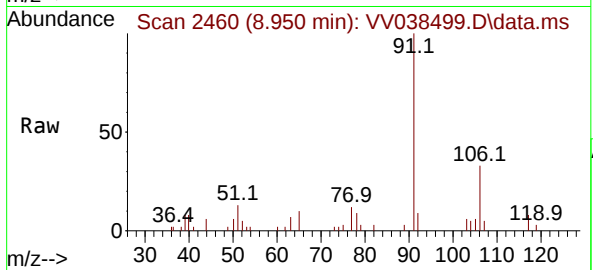




#52
Ethylbenzene
Concen: 0.164 ug/L
RT: 8.950 min Scan# 2456
Delta R.T. 0.013 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

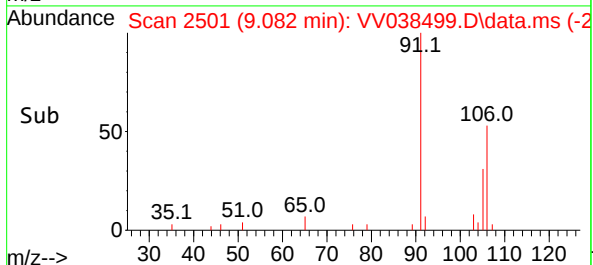
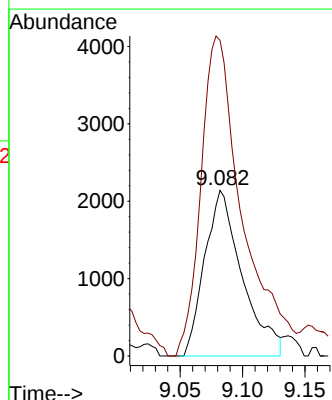
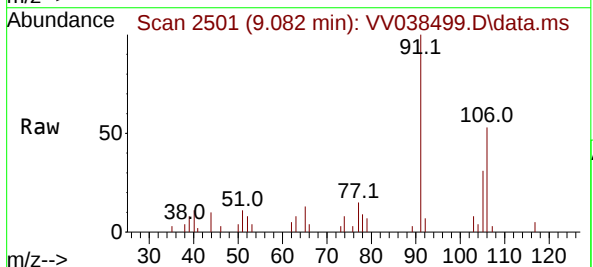
Instrument :
MSVOA_V
ClientSampleId :

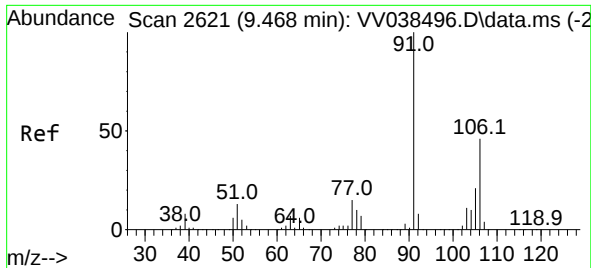
Tgt Ion: 91 Resp: 12715
Ion Ratio Lower Upper
91 100
106 33.1 22.0 40.8



#53
m,p-Xylene
Concen: 0.152 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.019 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

Tgt Ion: 106 Resp: 4482
Ion Ratio Lower Upper
106 100
91 190.5 148.2 275.2

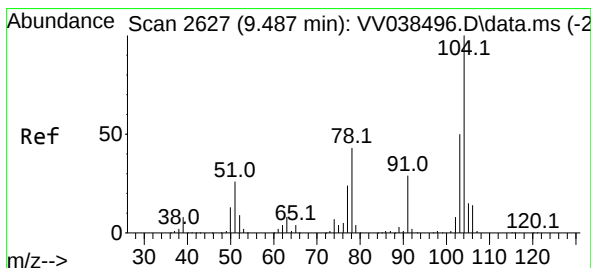
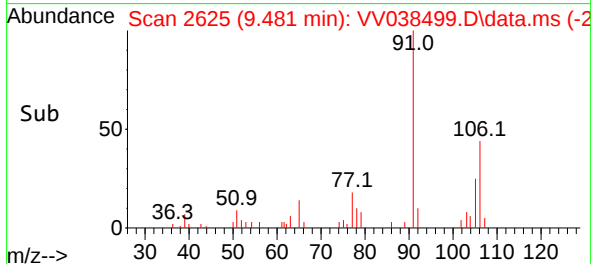
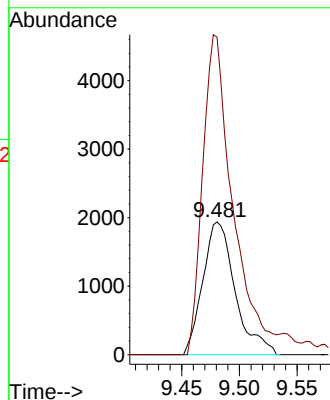
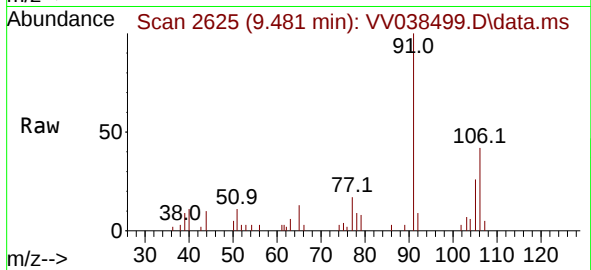




#54
o-Xylene
Concen: 0.135 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.013 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

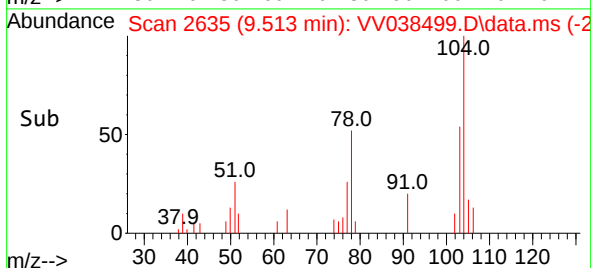
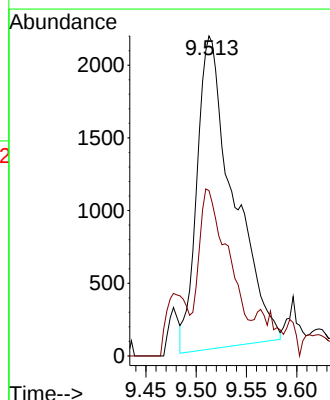
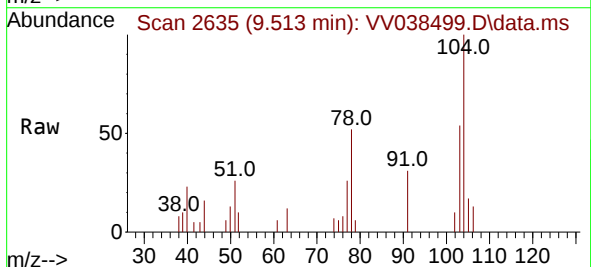
Instrument :
MSVOA_V
ClientSampleId :

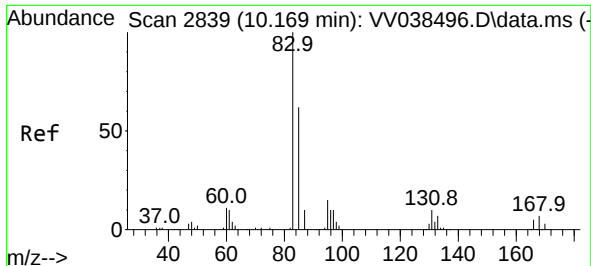
Tgt Ion:106 Resp: 3776
Ion Ratio Lower Upper
106 100
91 239.2 151.4 281.2



#55
Styrene
Concen: 0.111 ug/L
RT: 9.513 min Scan# 2635
Delta R.T. 0.026 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

Tgt Ion:104 Resp: 5420
Ion Ratio Lower Upper
104 100
78 51.7 30.8 57.2





#57

1,1,2,2-Tetrachloroethane

Concen: 0.201 ug/L

RT: 10.172 min Scan# 2839

Delta R.T. 0.003 min

Lab File: VV038499.D

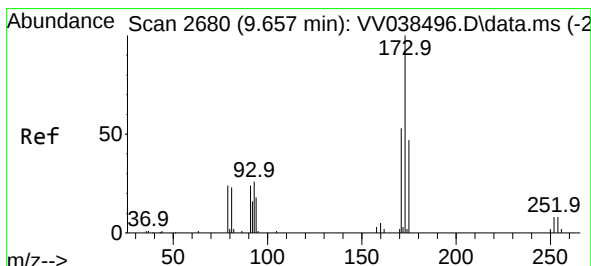
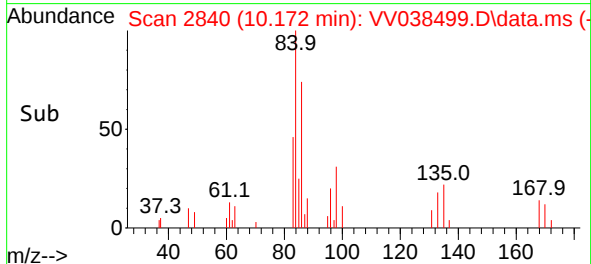
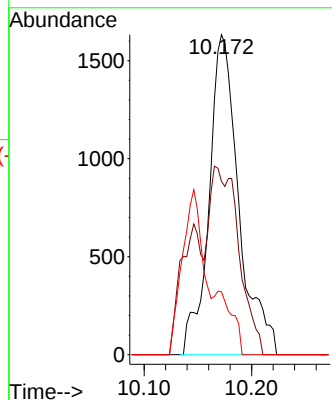
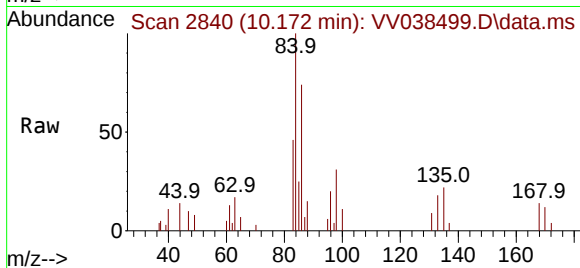
Acq: 22 Jan 2025 15:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	3143
Ion	Ratio	Lower	Upper
83	100		
85	54.1	45.1	83.7
131	19.7	7.5	11.3#



#59

Bromoform

Concen: 0.184 ug/L

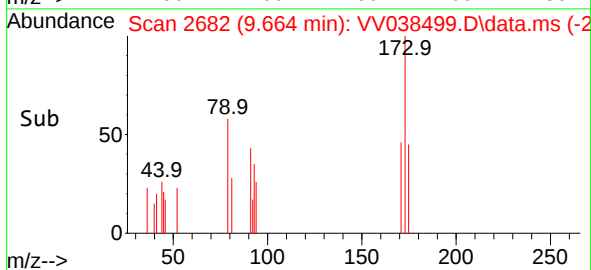
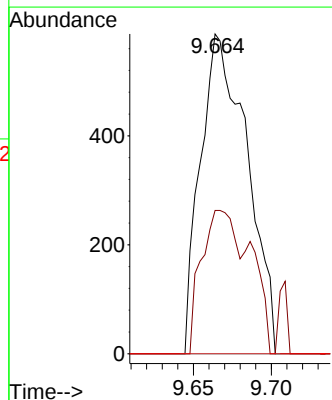
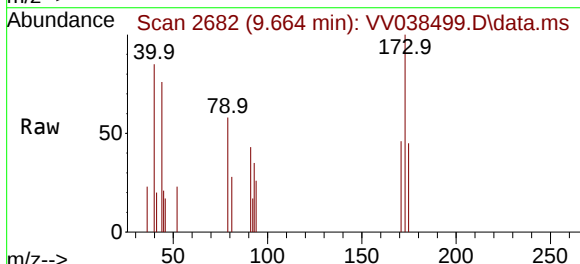
RT: 9.664 min Scan# 2682

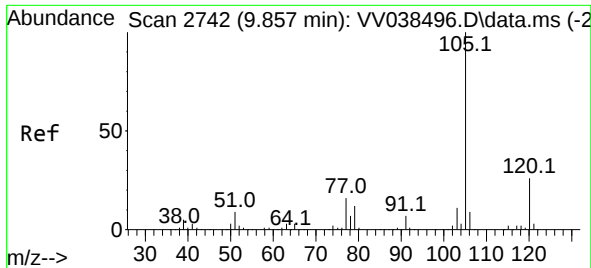
Delta R.T. 0.007 min

Lab File: VV038499.D

Acq: 22 Jan 2025 15:12

Tgt Ion:	173	Resp:	1220
Ion	Ratio	Lower	Upper
173	100		
175	33.9	37.6	56.4#
254	0.0	5.6	8.4#

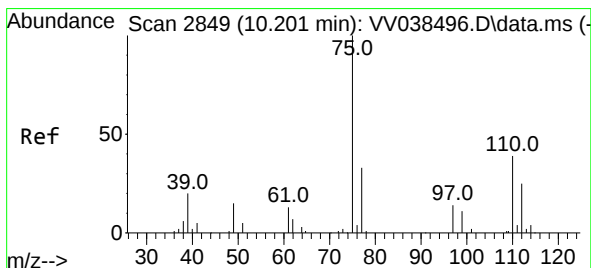
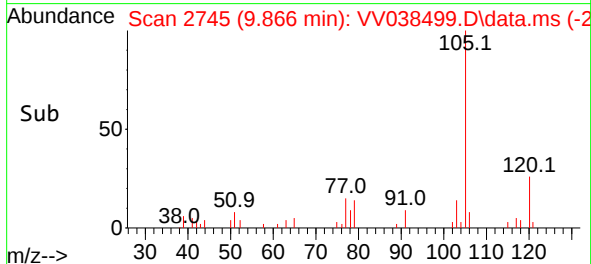
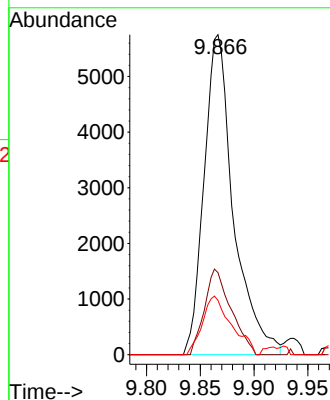
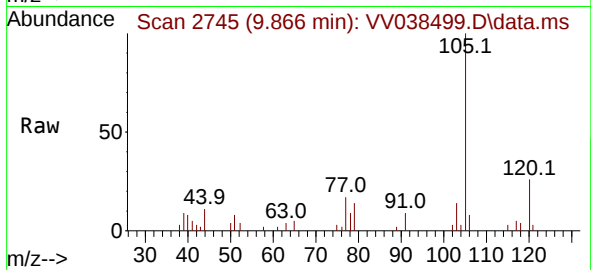




#60
Isopropylbenzene
Concen: 0.171 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

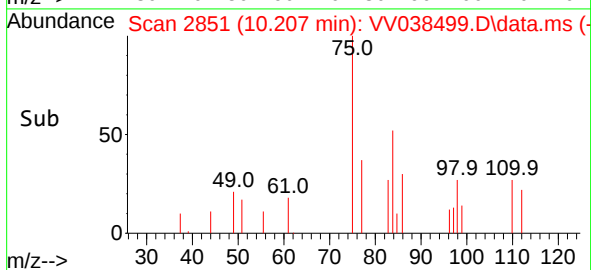
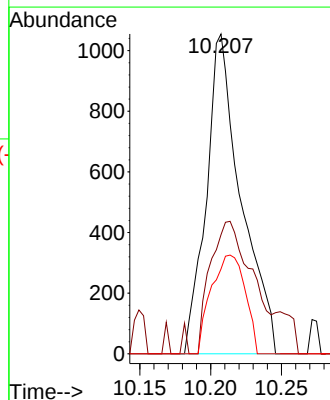
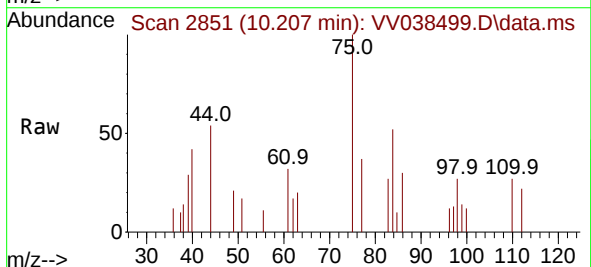
Instrument :
MSVOA_V
ClientSampleId :

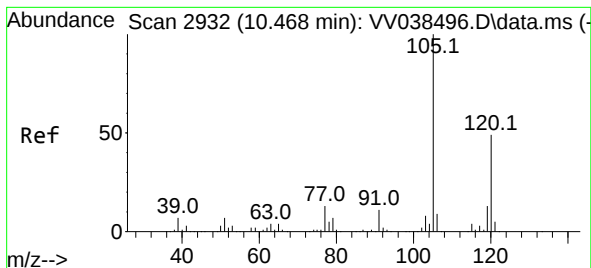
Tgt Ion:105 Resp: 10959
Ion Ratio Lower Upper
105 100
120 24.1 21.4 32.2
77 18.0 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 0.197 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.007 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

Tgt Ion: 75 Resp: 1798
Ion Ratio Lower Upper
75 100
77 49.9 25.4 38.0#
110 30.1 32.6 48.8#





#62

1,3,5-Trimethylbenzene

Concen: 0.158 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV038499.D

Acq: 22 Jan 2025 15:12

Instrument :

MSVOA_V

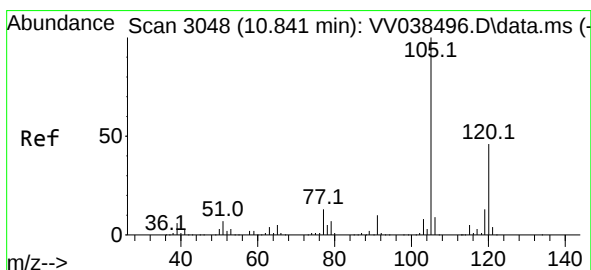
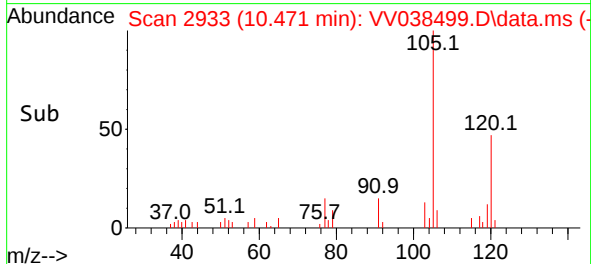
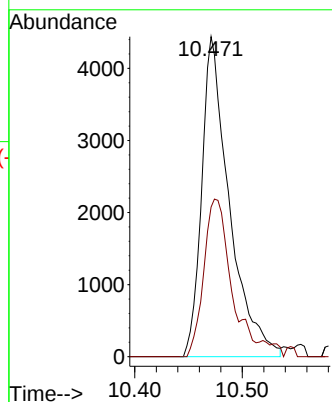
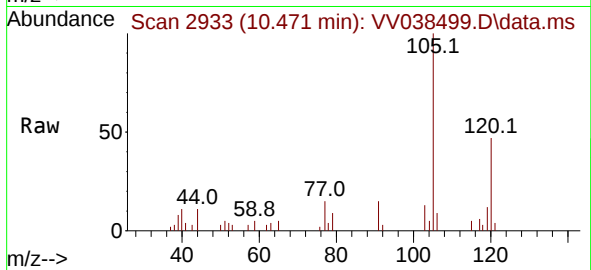
ClientSampleId :

Tgt Ion:105 Resp: 7906

Ion Ratio Lower Upper

105 100

120 48.2 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 0.145 ug/L

RT: 10.854 min Scan# 3052

Delta R.T. 0.013 min

Lab File: VV038499.D

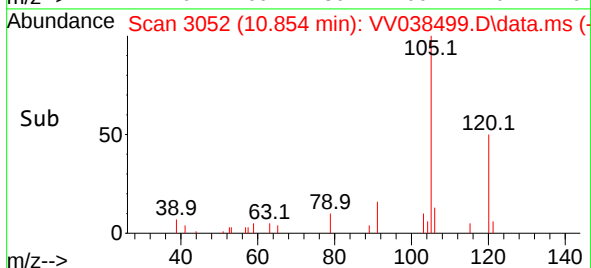
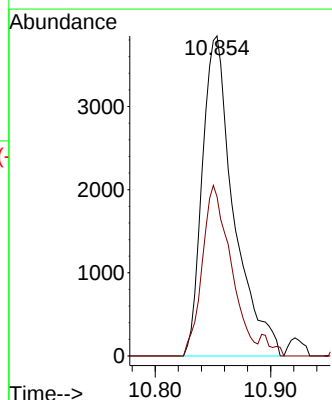
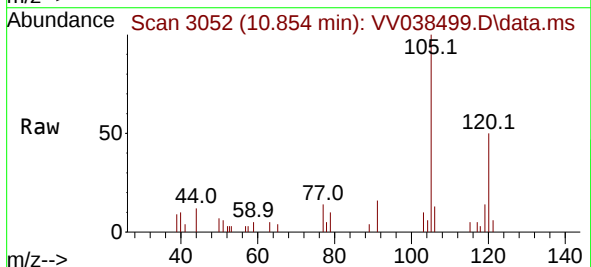
Acq: 22 Jan 2025 15:12

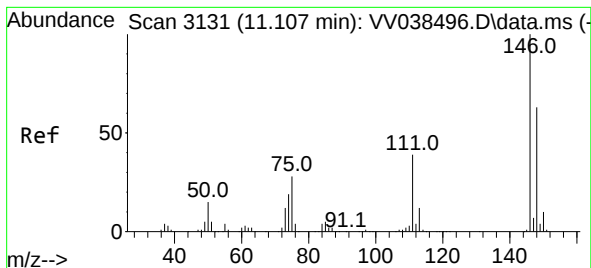
Tgt Ion:105 Resp: 7262

Ion Ratio Lower Upper

105 100

120 48.6 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 0.197 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.013 min

Lab File: VV038499.D

Acq: 22 Jan 2025 15:12

Instrument :

MSVOA_V

ClientSampleId :

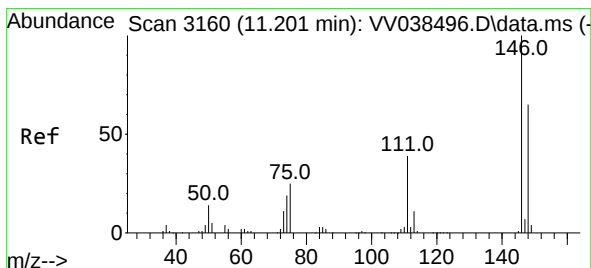
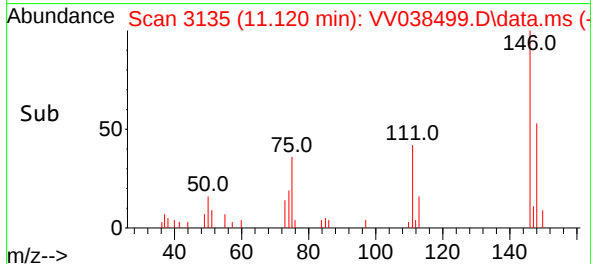
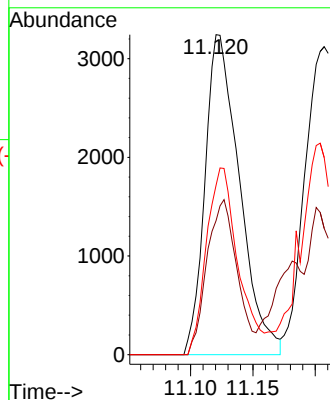
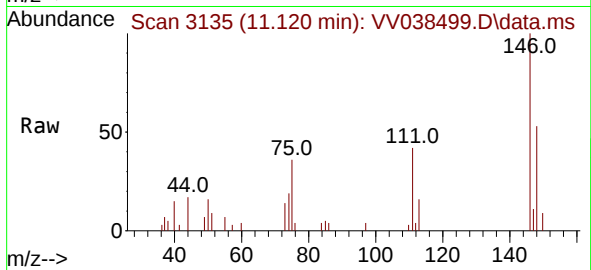
Tgt Ion:146 Resp: 6252

Ion Ratio Lower Upper

146 100

111 41.8 27.9 51.9

148 52.9 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 0.185 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.007 min

Lab File: VV038499.D

Acq: 22 Jan 2025 15:12

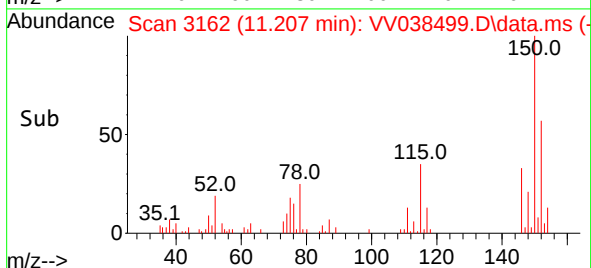
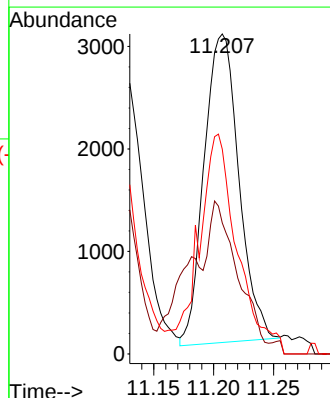
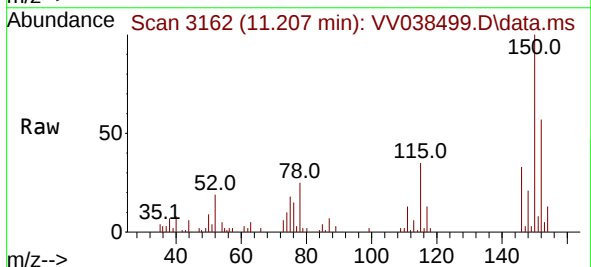
Tgt Ion:146 Resp: 6075

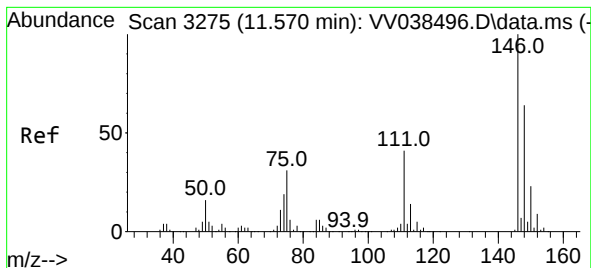
Ion Ratio Lower Upper

146 100

111 41.0 28.1 52.3

148 64.0 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 0.211 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038499.D

Acq: 22 Jan 2025 15:12

Instrument :

MSVOA_V

ClientSampleId :

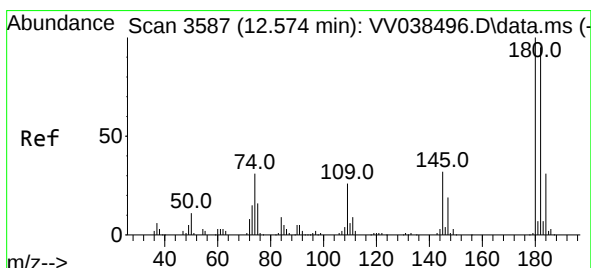
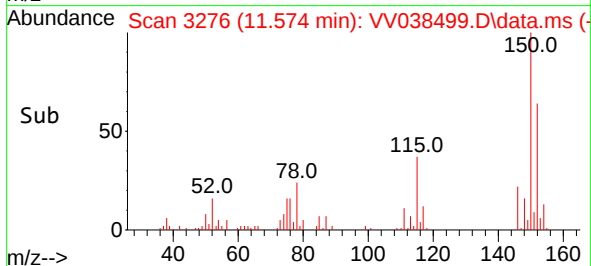
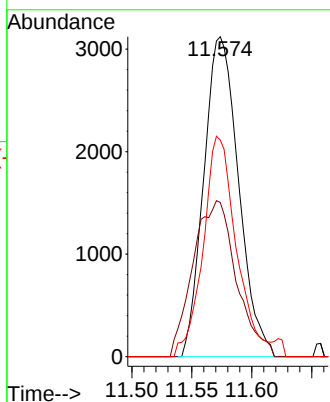
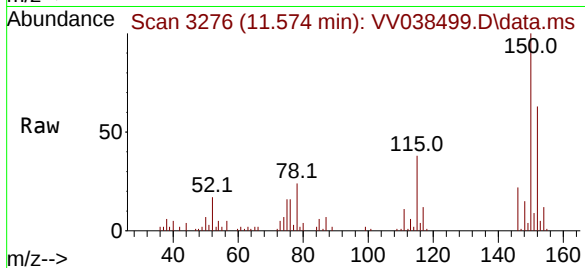
Tgt Ion:146 Resp: 6296

Ion Ratio Lower Upper

146 100

111 48.2 33.4 50.0

148 67.7 49.9 74.9



#69

1,3,5-Trichlorobenzene

Concen: 0.184 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.007 min

Lab File: VV038499.D

Acq: 22 Jan 2025 15:12

Tgt Ion:180 Resp: 4034

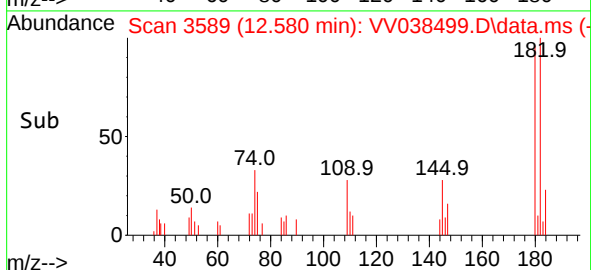
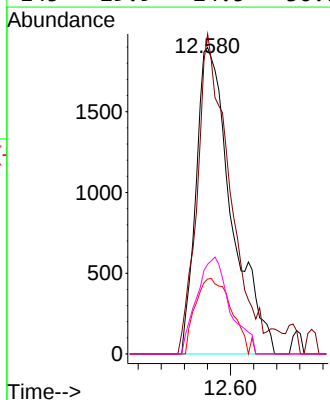
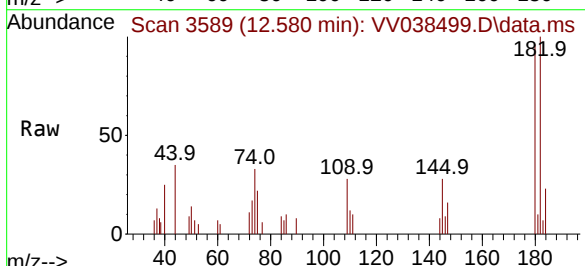
Ion Ratio Lower Upper

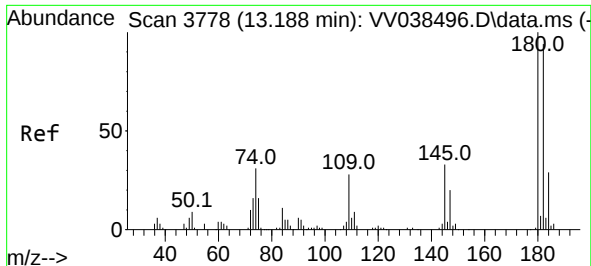
180 100

182 96.5 74.3 111.5

184 25.1 23.2 34.8

145 29.9 24.5 36.7





#70

1,2,4-trichlorobenzene

Concen: 0.152 ug/L

RT: 13.207 min Scan# 31

Delta R.T. 0.019 min

Lab File: VV038499.D

Acq: 22 Jan 2025 15:12

Instrument :

MSVOA_V

ClientSampleId :

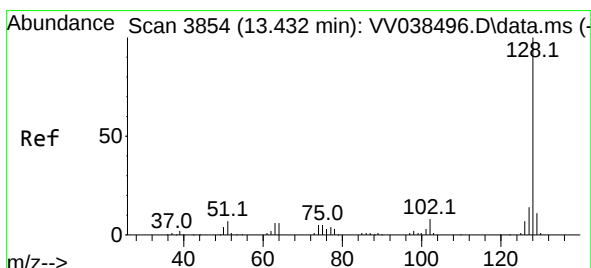
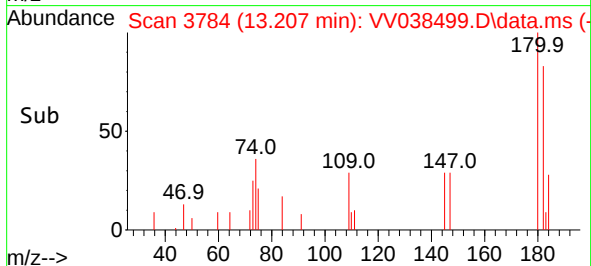
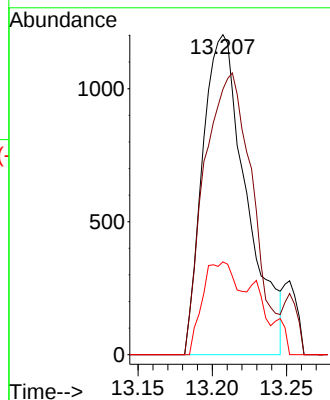
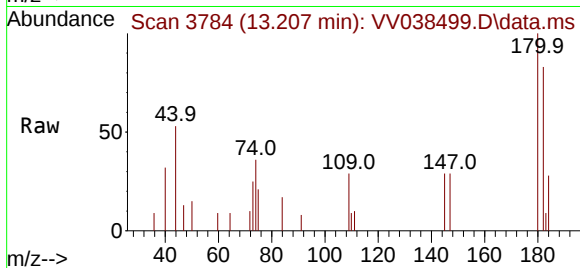
Tgt Ion:180 Resp: 2467

Ion Ratio Lower Upper

180 100

182 96.2 77.5 116.3

145 25.0 26.2 39.4#



#71

Naphthalene

Concen: 0.139 ug/L

RT: 13.451 min Scan# 3860

Delta R.T. 0.019 min

Lab File: VV038499.D

Acq: 22 Jan 2025 15:12

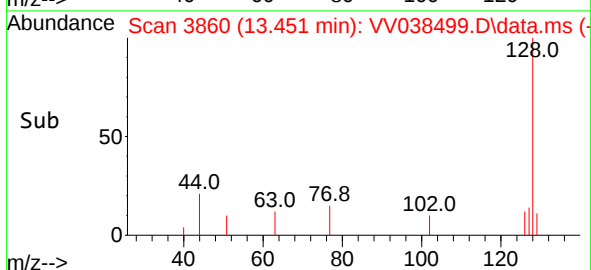
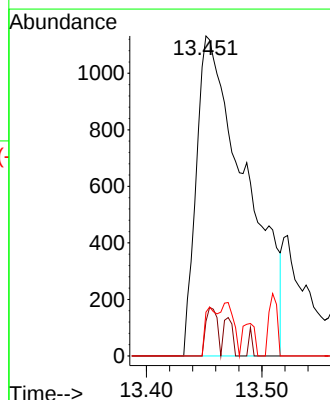
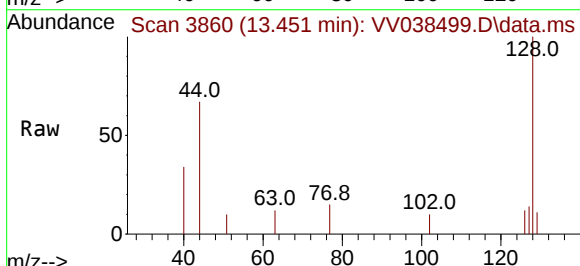
Tgt Ion:128 Resp: 3353

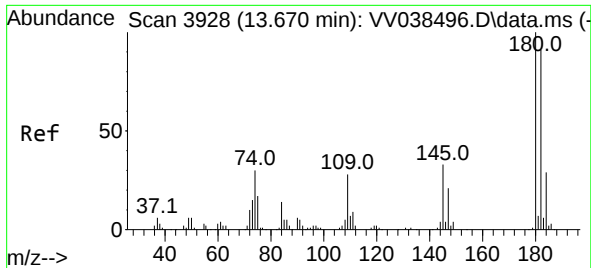
Ion Ratio Lower Upper

128 100

129 3.4 8.3 12.5#

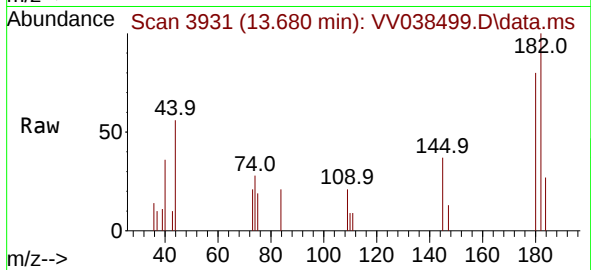
127 3.6 11.0 16.6#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.140 ug/L
 RT: 13.680 min Scan# 3928
 Delta R.T. 0.010 min
 Lab File: VV038499.D
 Acq: 22 Jan 2025 15:12

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 1972

Ion	Ratio	Lower	Upper
180	100		
182	111.2	77.0	115.6
145	39.0	27.1	40.7

