

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW012025\
 Data File : VW038457.D
 Acq On : 20 Jan 2025 12:27
 Operator : SY/MD
 Sample : MDL02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 21 00:58:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 21 00:50:24 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	232273	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	245127	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	103691	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	81118	4.235	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.532	69	72114	4.483	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.056	65	37388	4.331	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	3.802	46	154482	38.346	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.700%
24) Chloroform-d	4.243	84	157107	4.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	4.937	65	74463	4.526	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	4.953	84	297035	4.400	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	5.982	67	97372	4.745	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.236	98	238341	3.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	7.554	79	29761	3.965	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.024	63	105543	35.638	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.280%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	70208	4.315	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	82293	4.689	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	5866	0.225	ug/L	94
3) Chloromethane	1.214	50	7383	0.277	ug/L	94
5) Vinyl chloride	1.281	62	6885	0.256	ug/L #	50
6) Bromomethane	1.487	94	3703	0.275	ug/L	92
8) Chloroethane	1.548	64	4820	0.299	ug/L	91
9) Trichlorofluoromethane	1.709	101	8088	0.236	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	5621	0.287	ug/L	88
12) 1,1-Dichloroethene	2.066	96	5529	0.287	ug/L #	1
14) Carbon disulfide	2.240	76	15120	0.234	ug/L	98
16) Methylene chloride	2.445	84	5708	0.267	ug/L	95
17) Methyl tert-butyl Ether	2.703	73	9092	0.224	ug/L #	93
18) trans-1,2-Dichloroethene	2.693	96	4959	0.250	ug/L	92
19) 1,1-Dichloroethane	3.111	63	9217	0.245	ug/L	94
22) cis-1,2-Dichloroethene	3.818	96	4769	0.237	ug/L	96
23) Bromochloromethane	4.165	128	2275	0.248	ug/L	73
25) Chloroform	4.268	83	10395	0.279	ug/L	92
29) 1,1,1-Trichloroethane	4.513	97	7516	0.231	ug/L	96
30) Cyclohexane	4.583	56	6188	0.208	ug/L	88
31) Carbon tetrachloride	4.728	117	6533	0.227	ug/L	94

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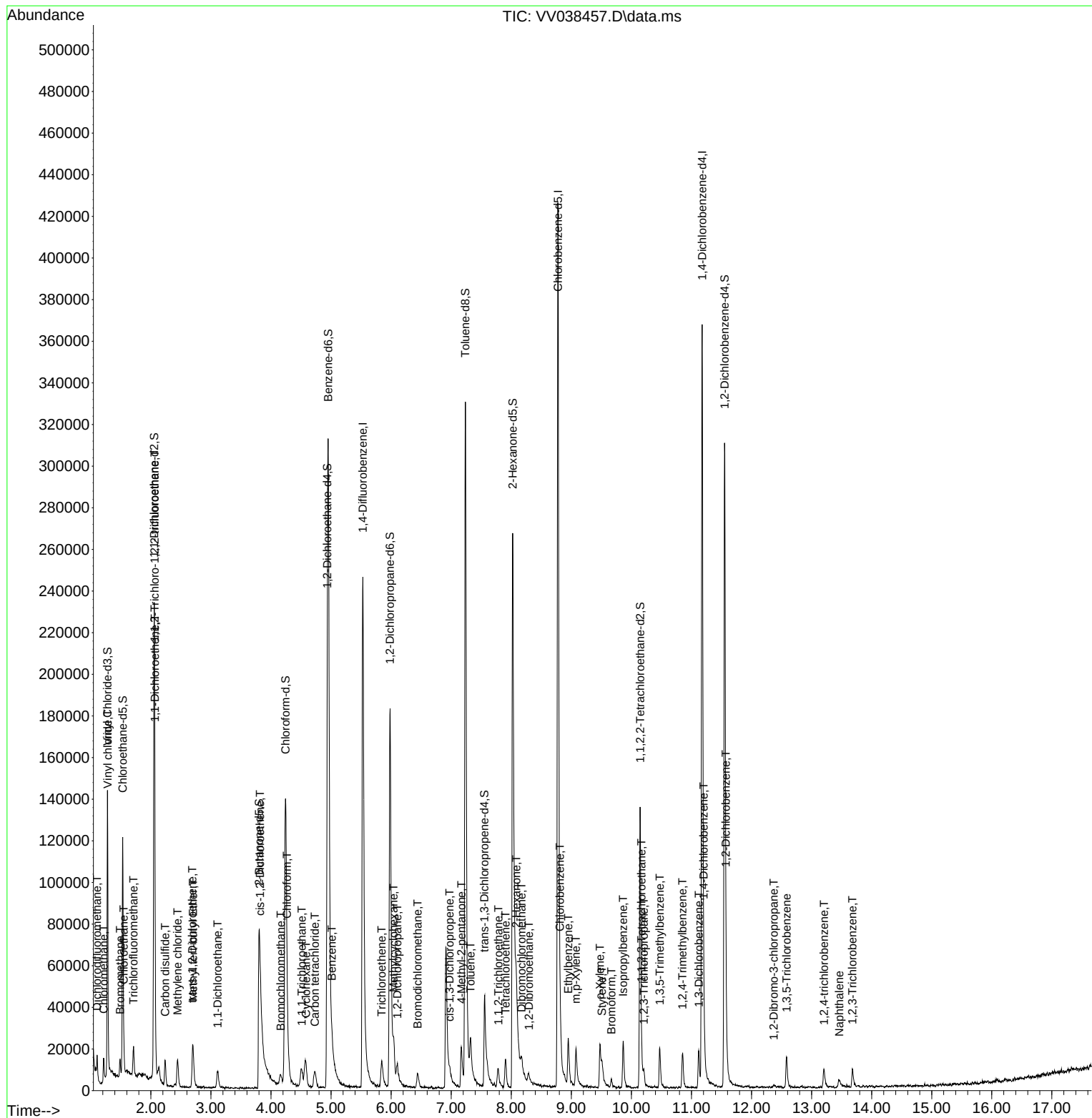
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.011	78	19235	0.247	ug/L	100
34) Trichloroethene	5.844	95	3825	0.189	ug/L	93
35) Methylcyclohexane	6.040	83	7491	0.243	ug/L	95
37) 1,2-Dichloropropane	6.104	63	4254	0.212	ug/L #	95
38) Bromodichloromethane	6.439	83	5772	0.221	ug/L	98
39) cis-1,3-Dichloropropene	6.972	75	6178	0.223	ug/L	89
40) 4-Methyl-2-pentanone	7.172	43	16892	1.624	ug/L #	87
42) Toluene	7.323	91	17159	0.212	ug/L	92
45) 1,1,2-Trichloroethane	7.786	97	3311	0.229	ug/L #	87
47) Tetrachloroethene	7.905	164	3666	0.234	ug/L	90
48) 2-Hexanone	8.085	43	33459	4.443	ug/L #	91
49) Dibromochloromethane	8.172	129	3725	0.224	ug/L	91
50) 1,2-Dibromoethane	8.294	107	3177	0.236	ug/L #	99
51) Chlorobenzene	8.812	112	12571	0.230	ug/L	91
52) Ethylbenzene	8.950	91	18670	0.214	ug/L	98
53) m,p-Xylene	9.078	106	6014	0.182	ug/L	89
54) o-Xylene	9.477	106	6240	0.198	ug/L	88
55) Styrene	9.509	104	8210	0.149	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.168	83	4229	0.240	ug/L #	84
59) Bromoform	9.667	173	1994	0.276	ug/L #	88
60) Isopropylbenzene	9.863	105	14974	0.215	ug/L	98
61) 1,2,3-Trichloropropane	10.207	75	2561	0.257	ug/L #	75
62) 1,3,5-Trimethylbenzene	10.474	105	11851	0.217	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	10537	0.193	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	7920	0.229	ug/L	95
65) 1,4-Dichlorobenzene	11.204	146	9890	0.276	ug/L	90
67) 1,2-Dichlorobenzene	11.574	146	9116	0.281	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	292	0.142	ug/L	85
69) 1,3,5-Trichlorobenzene	12.583	180	5345	0.225	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	3617	0.204	ug/L #	92
71) Naphthalene	13.461	128	5475	0.209	ug/L #	84
72) 1,2,3-Trichlorobenzene	13.680	180	3102	0.203	ug/L	97

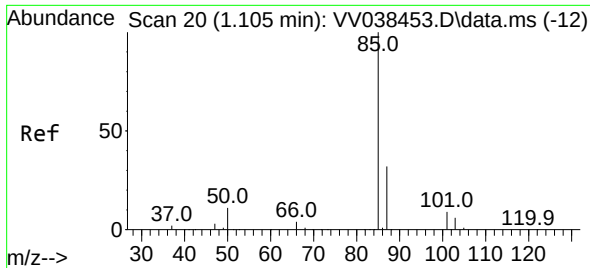
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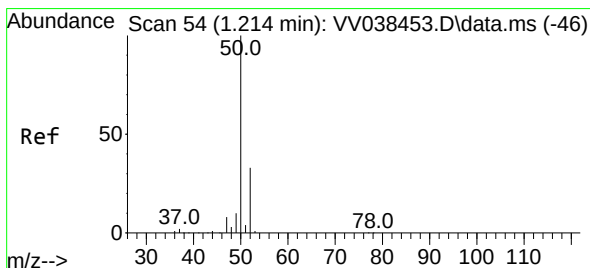
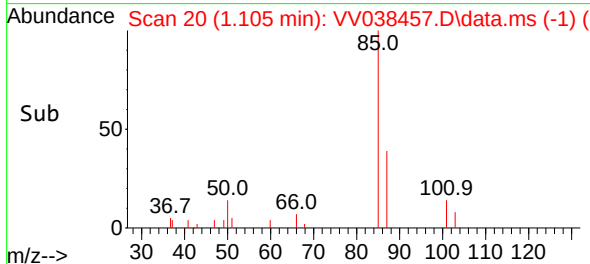
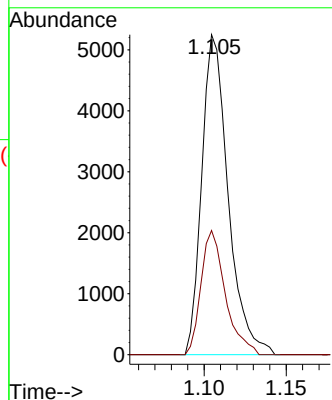
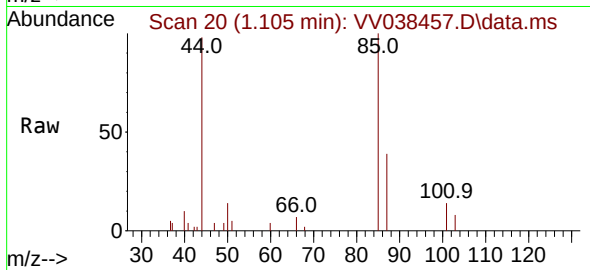




#2
 Dichlorodifluoromethane
 Concen: 0.225 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV038457.D
 Acq: 20 Jan 2025 12:27

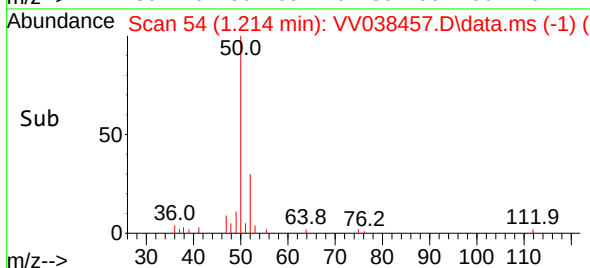
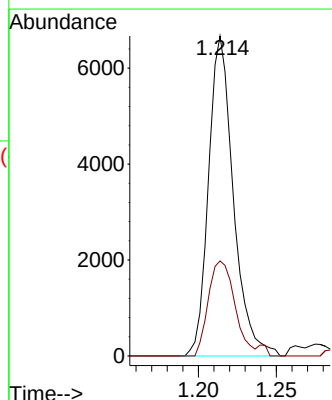
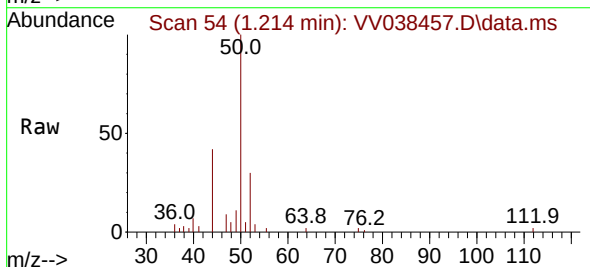
Instrument :
 MSVOA_V
 ClientSampleId :

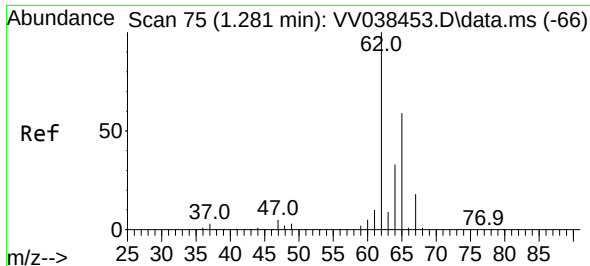
Tgt Ion: 85 Resp: 5866
 Ion Ratio Lower Upper
 85 100
 87 35.9 26.0 39.0



#3
 Chloromethane
 Concen: 0.277 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV038457.D
 Acq: 20 Jan 2025 12:27

Tgt Ion: 50 Resp: 7383
 Ion Ratio Lower Upper
 50 100
 52 29.7 23.0 42.6



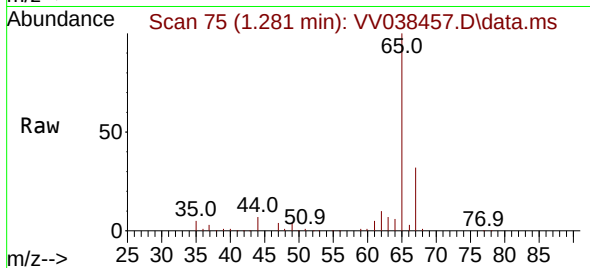


#5
 Vinyl chloride
 Concen: 0.256 ug/L
 RT: 1.281 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV038457.D
 Acq: 20 Jan 2025 12:27

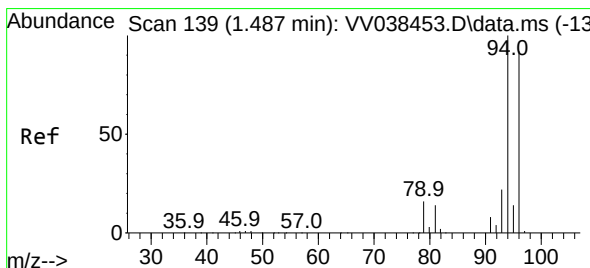
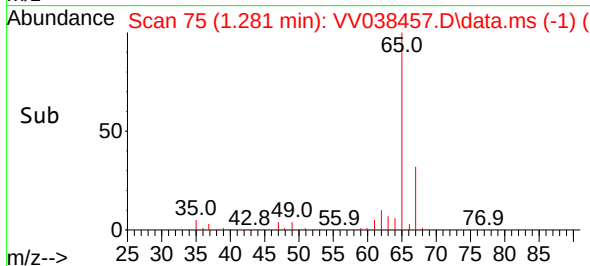
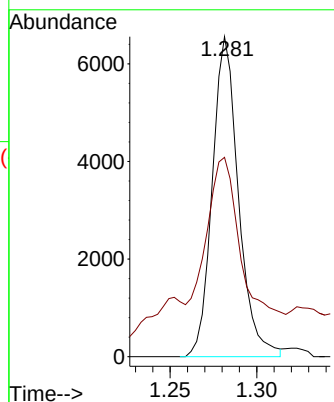
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MSVOA_V

ClientSampleId :

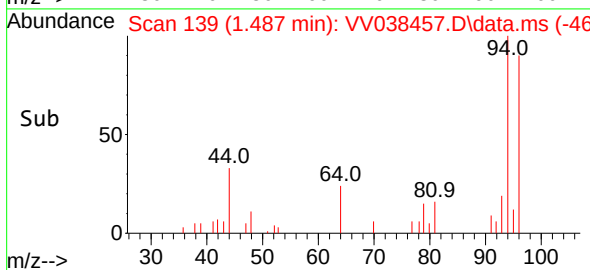
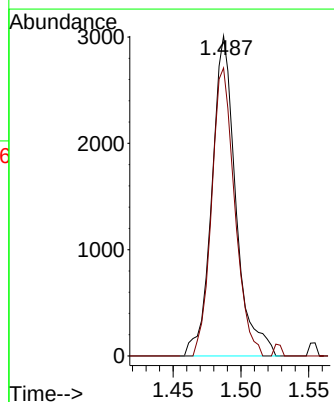
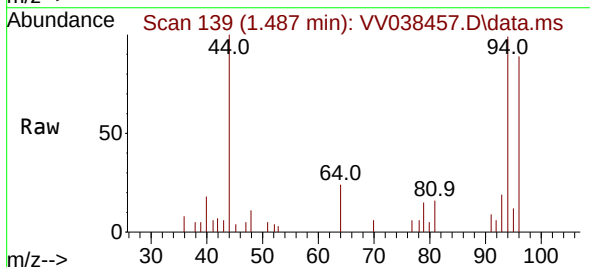


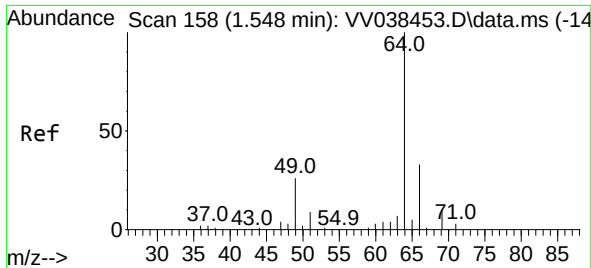
Tgt Ion: 62 Resp: 6885
 Ion Ratio Lower Upper
 62 100
 64 62.3 23.5 43.7#



#6
 Bromomethane
 Concen: 0.275 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV038457.D
 Acq: 20 Jan 2025 12:27

Tgt Ion: 94 Resp: 3703
 Ion Ratio Lower Upper
 94 100
 96 90.0 68.9 127.9

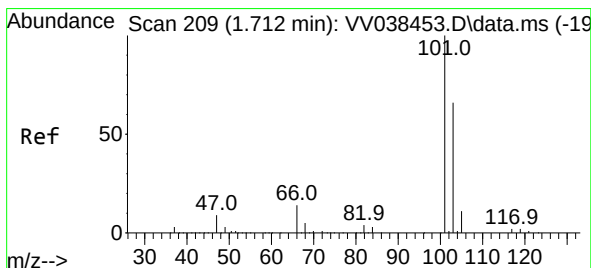
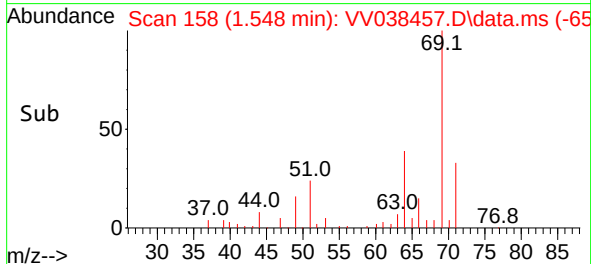
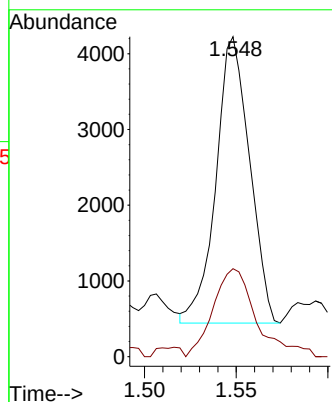
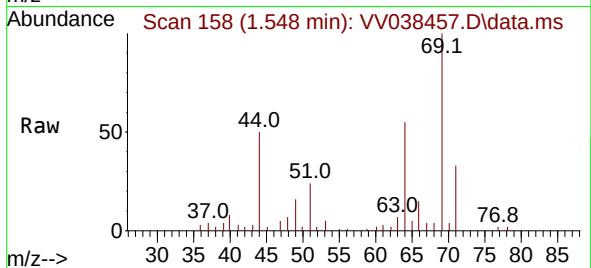




#8
Chloroethane
Concen: 0.299 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

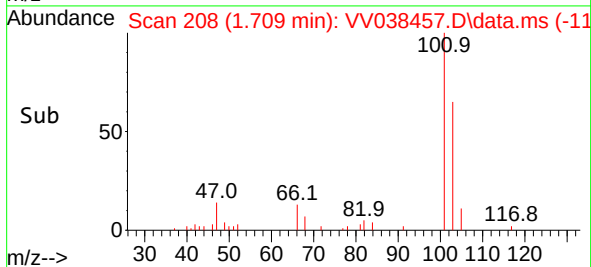
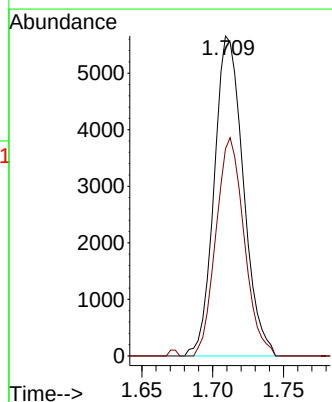
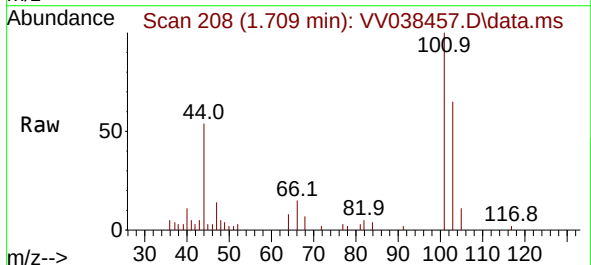
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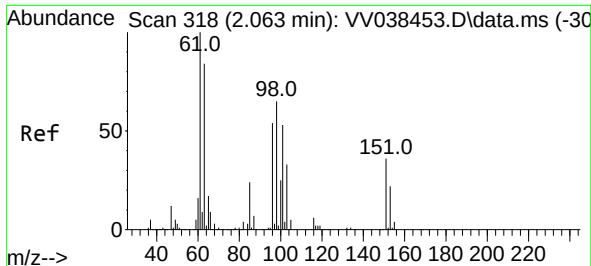
Tgt Ion: 64 Resp: 4820
Ion Ratio Lower Upper
64 100
66 27.5 22.7 42.1



#9
Trichlorofluoromethane
Concen: 0.236 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

Tgt Ion:101 Resp: 8088
Ion Ratio Lower Upper
101 100
103 66.0 51.5 77.3





#10

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

Concen: 0.287 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.000 min

Lab File: VV038457.D

Acq: 20 Jan 2025 12:27

Instrument :

MSVOA_V

ClientSampleId :

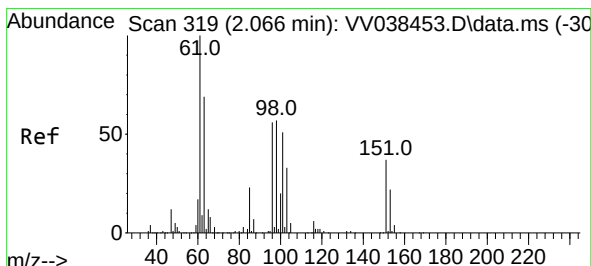
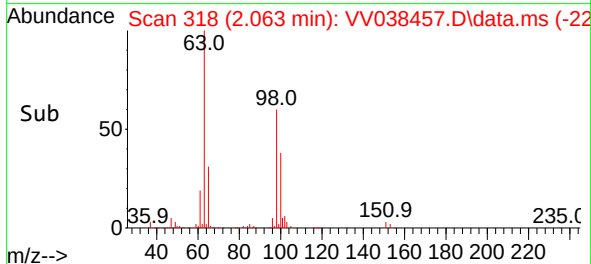
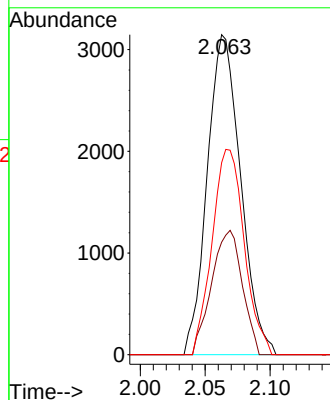
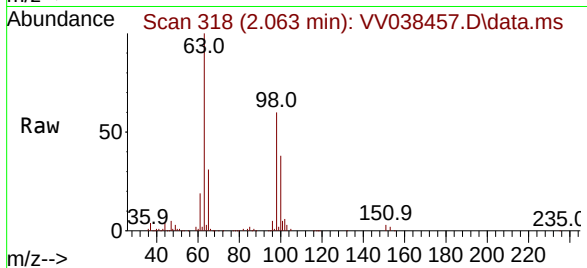
Tgt Ion:101 Resp: 5621

Ion Ratio Lower Upper

101 100

85 35.7 35.2 52.8

151 61.8 56.6 85.0



#12

1,1-Dichloroethene

Concen: 0.287 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.000 min

Lab File: VV038457.D

Acq: 20 Jan 2025 12:27

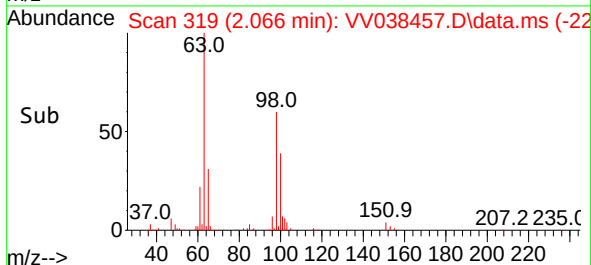
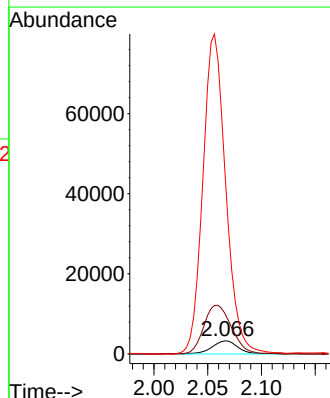
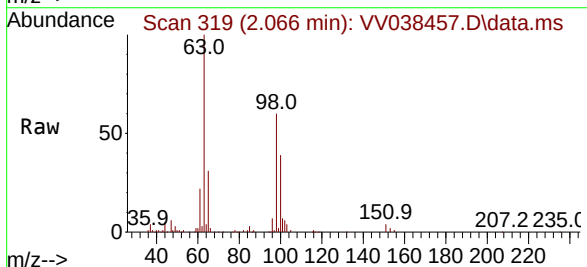
Tgt Ion: 96 Resp: 5529

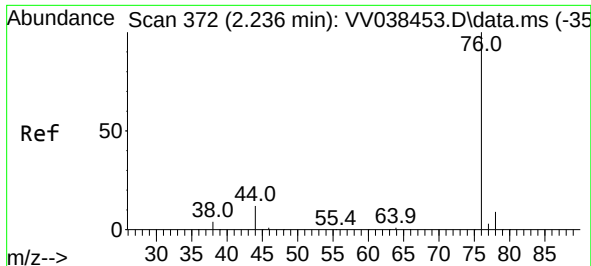
Ion Ratio Lower Upper

96 100

61 307.1 122.2 227.0#

63 1388.3 86.2 160.0#





#14

Carbon disulfide

Concen: 0.234 ug/L

RT: 2.240 min Scan# 31

Delta R.T. 0.003 min

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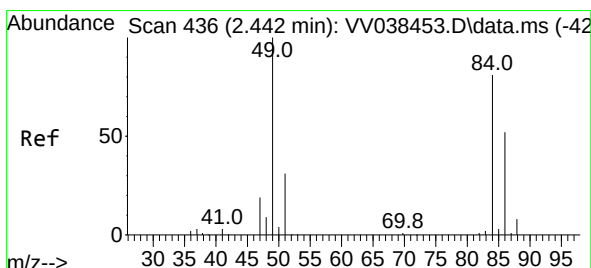
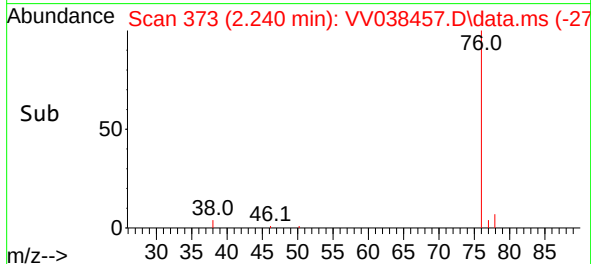
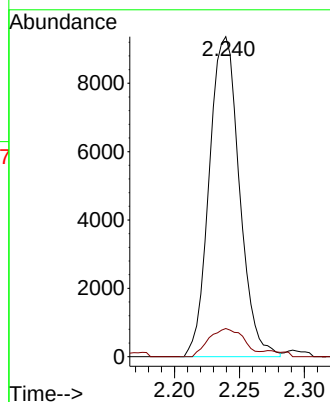
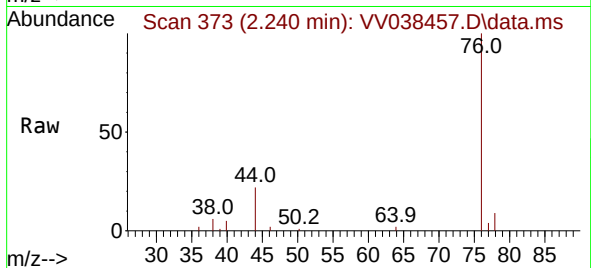
ClientSampleId :

Tgt Ion: 76 Resp: 15120

Ion Ratio Lower Upper

76 100

78 8.8 7.6 11.4



#16

Methylene chloride

Concen: 0.267 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.003 min

Lab File: VV038457.D

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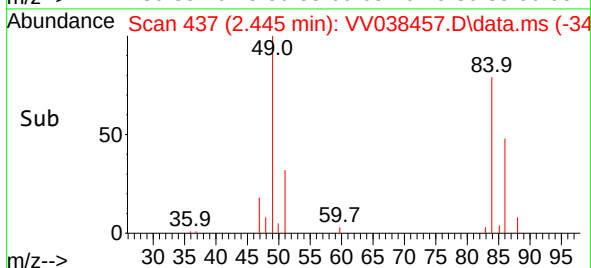
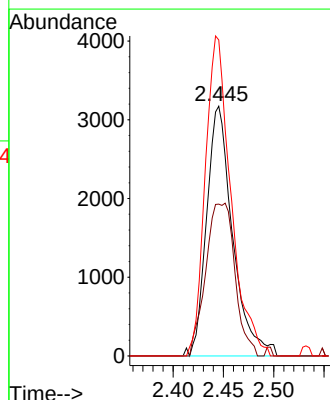
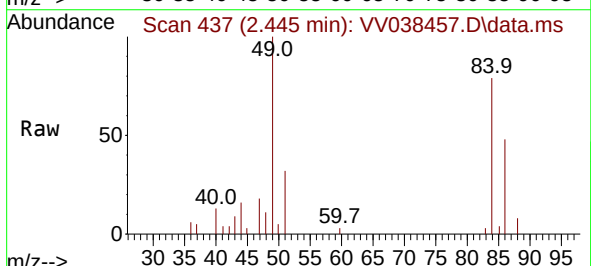
Tgt Ion: 84 Resp: 5708

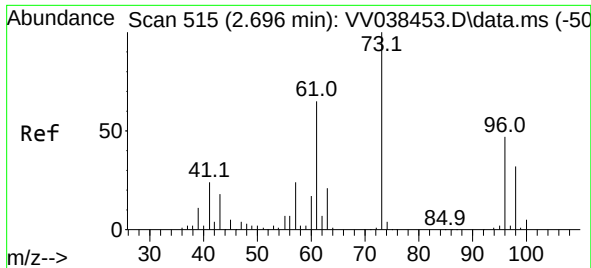
Ion Ratio Lower Upper

84 100

86 60.8 44.7 82.9

49 126.6 84.1 156.1





#17

Methyl tert-butyl Ether

Concen: 0.224 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.006 min

Lab File: VV038457.D

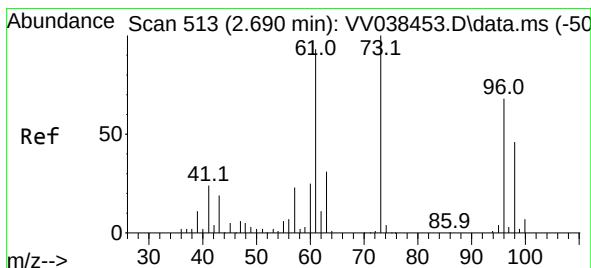
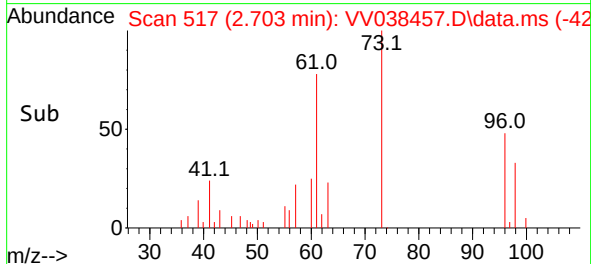
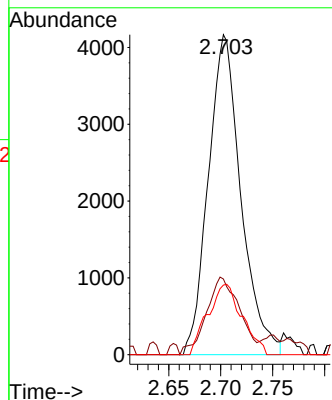
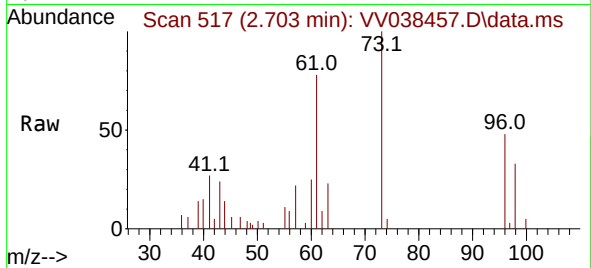
Acq: 20 Jan 2025 12:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 73	Resp: 9092
Ion Ratio	Lower Upper
73	100
43	24.6 14.6 21.8#
57	23.2 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 0.250 ug/L

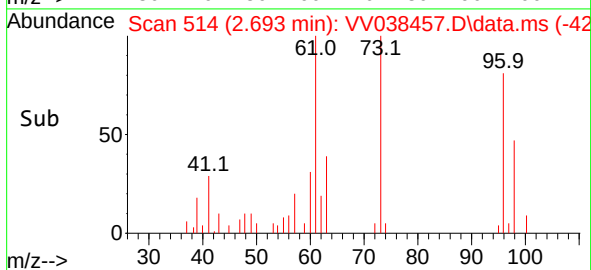
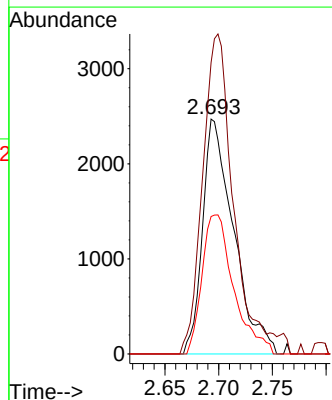
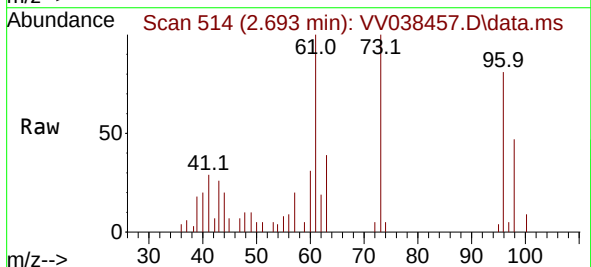
RT: 2.693 min Scan# 514

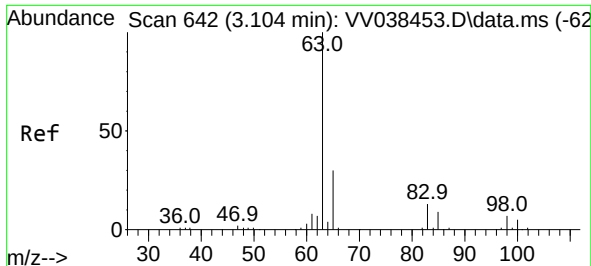
Delta R.T. 0.003 min

Lab File: VV038457.D

Acq: 20 Jan 2025 12:27

Tgt Ion: 96	Resp: 4959
Ion Ratio	Lower Upper
96	100
61	124.0 94.8 176.2
98	58.5 44.2 82.2





#19

1,1-Dichloroethane

Concen: 0.245 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV038457.D

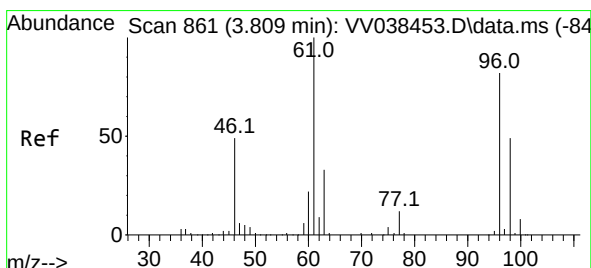
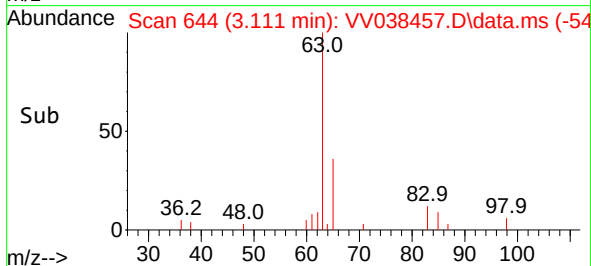
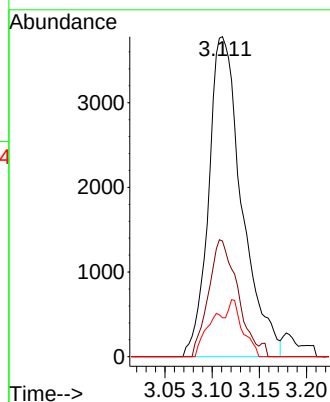
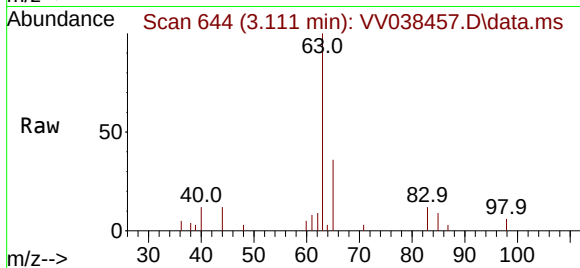
Acq: 20 Jan 2025 12:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63	Resp: 9217
Ion Ratio	Lower Upper
63 100	
65 36.2	22.5 41.9
83 12.1	9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 0.237 ug/L

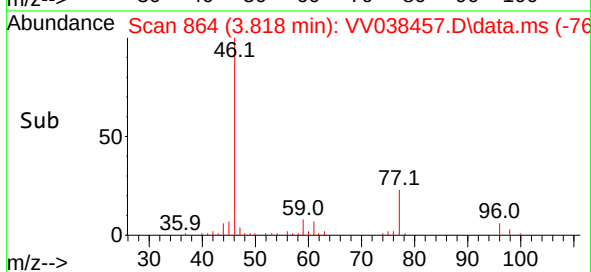
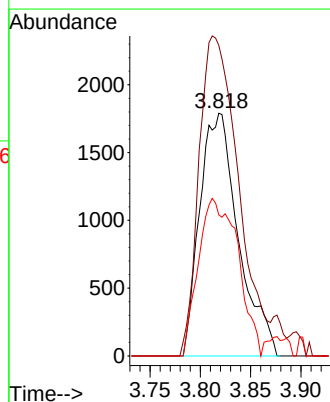
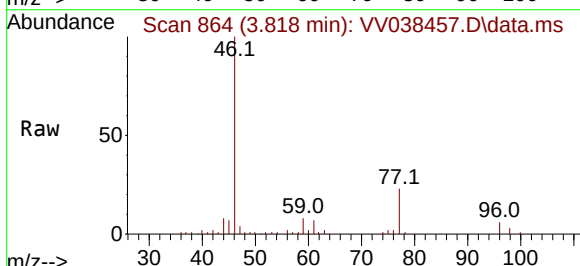
RT: 3.818 min Scan# 864

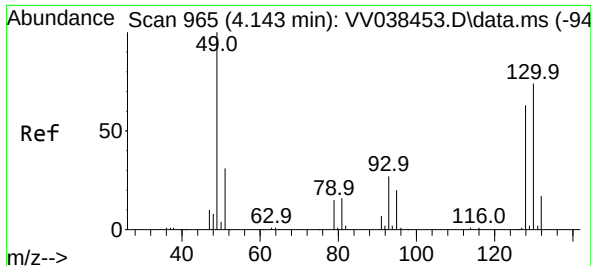
Delta R.T. 0.010 min

Lab File: VV038457.D

Acq: 20 Jan 2025 12:27

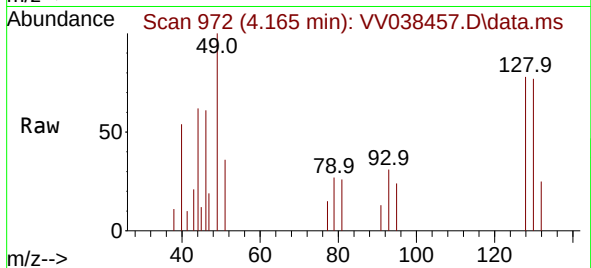
Tgt Ion: 96	Resp: 4769
Ion Ratio	Lower Upper
96 100	
61 128.0	86.5 160.7
98 58.2	43.8 81.3



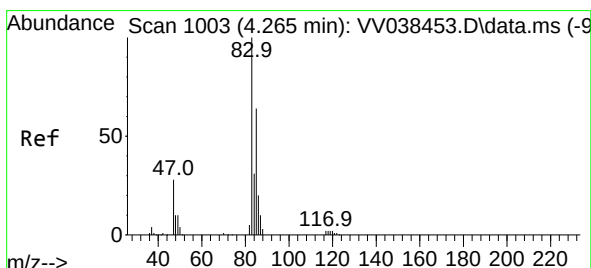
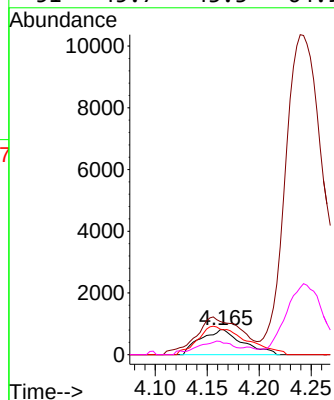
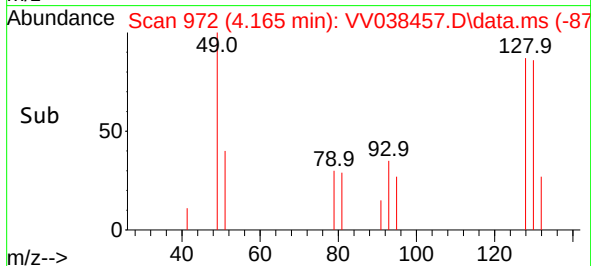


#23
Bromochloromethane
Concen: 0.248 ug/L
RT: 4.165 min Scan# 91
Delta R.T. 0.022 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

Instrument :
MSVOA_V
ClientSampleId :

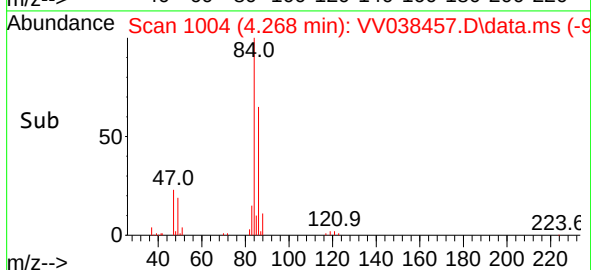
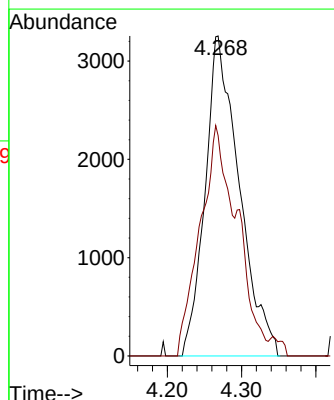
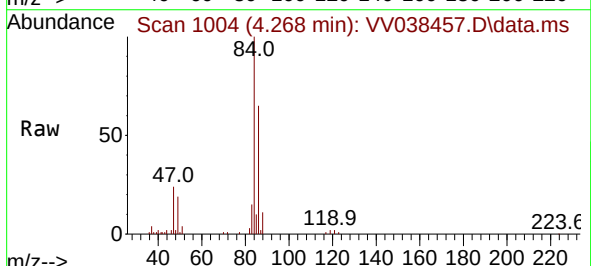


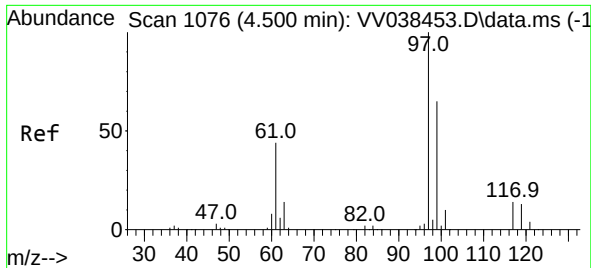
Tgt Ion:	128	Resp:	2275
Ion	Ratio	Lower	Upper
128	100		
49	128.3	121.0	224.8
130	98.8	90.1	167.3
51	45.7	43.3	64.9



#25
Chloroform
Concen: 0.279 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. 0.003 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

Tgt Ion:	83	Resp:	10395
Ion	Ratio	Lower	Upper
83	100		
85	68.9	44.0	81.8





#29

1,1,1-Trichloroethane

Concen: 0.231 ug/L

RT: 4.513 min Scan# 1100

Delta R.T. 0.013 min

Lab File: VV038457.D

Acq: 20 Jan 2025 12:27

Instrument :

MSVOA_V

ClientSampleId :

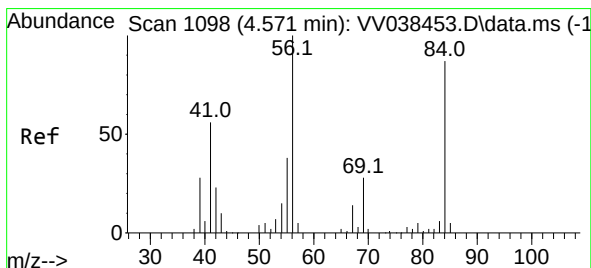
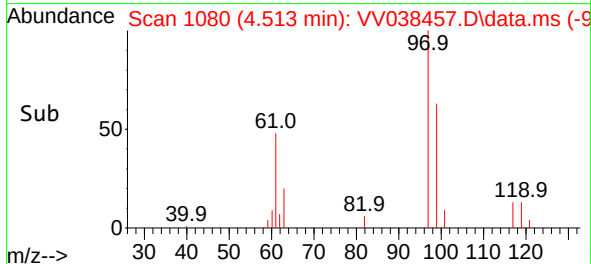
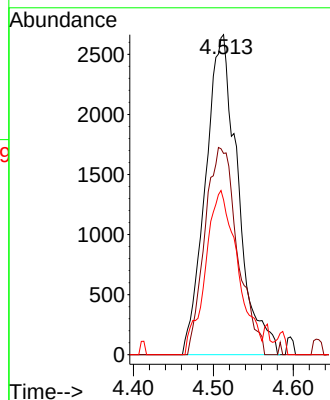
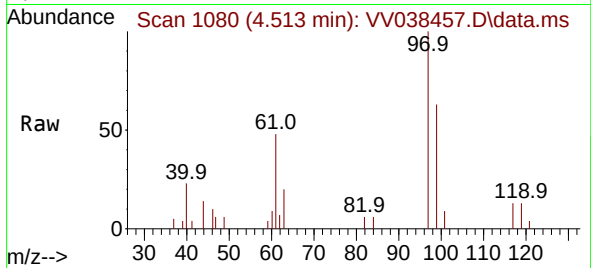
Tgt Ion: 97 Resp: 7516

Ion Ratio Lower Upper

97 100

99 65.4 52.9 79.3

61 51.3 36.4 54.6



#30

Cyclohexane

Concen: 0.208 ug/L

RT: 4.583 min Scan# 1102

Delta R.T. 0.013 min

Lab File: VV038457.D

Acq: 20 Jan 2025 12:27

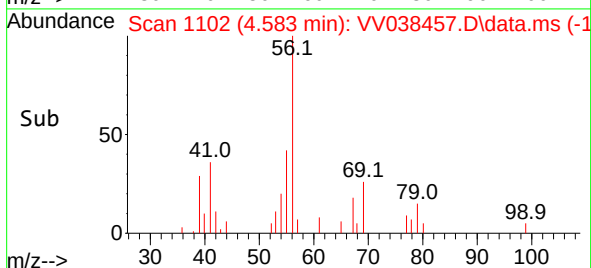
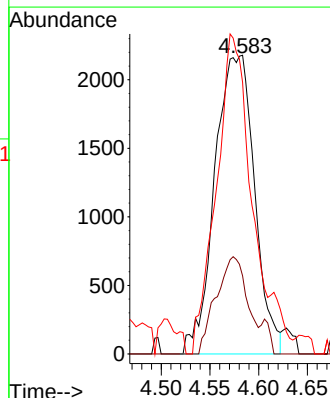
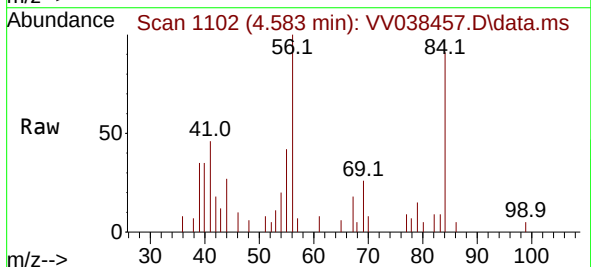
Tgt Ion: 56 Resp: 6188

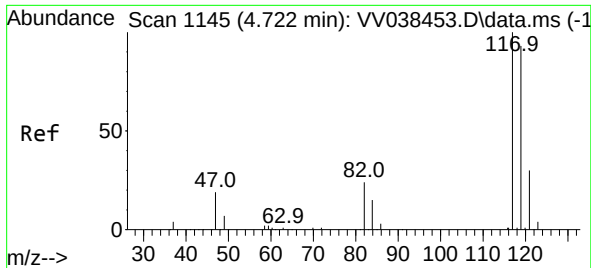
Ion Ratio Lower Upper

56 100

69 25.5 24.7 37.1

84 97.5 68.2 102.2

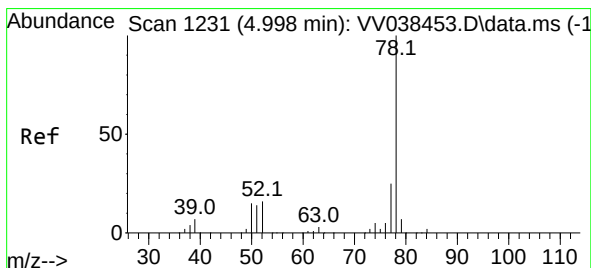
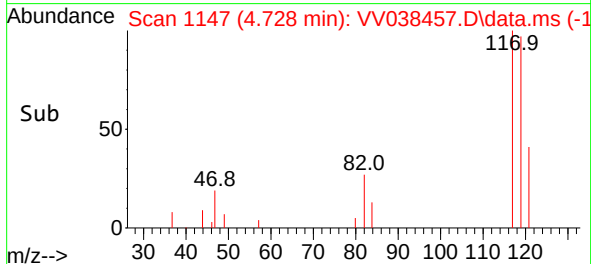
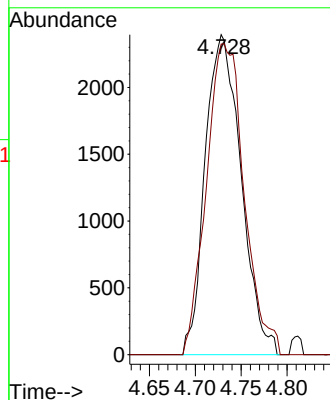
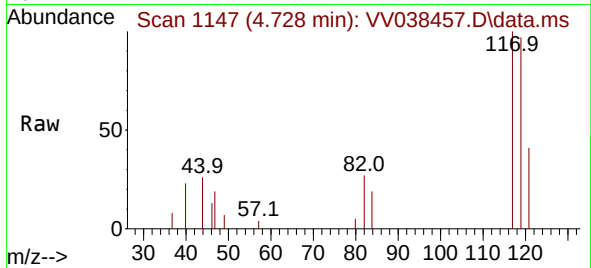




#31
Carbon tetrachloride
Concen: 0.227 ug/L
RT: 4.728 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

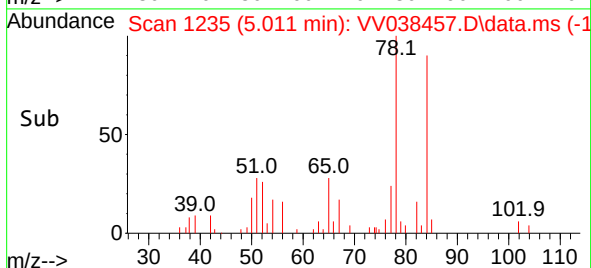
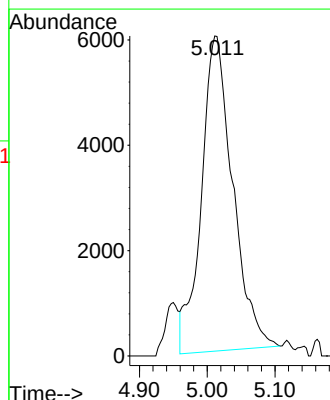
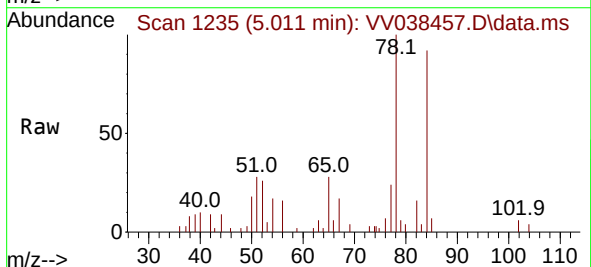
Instrument :
MSVOA_V
ClientSampleId :

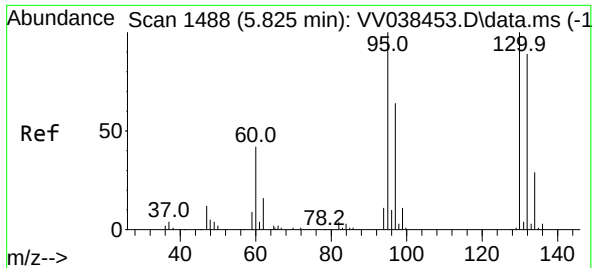
Tgt Ion:117 Resp: 6533
Ion Ratio Lower Upper
117 100
119 102.1 76.6 115.0



#33
Benzene
Concen: 0.247 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.013 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

Tgt Ion: 78 Resp: 19235



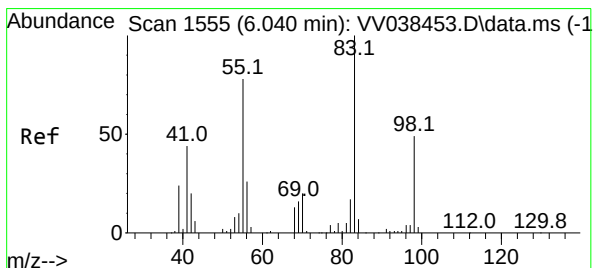
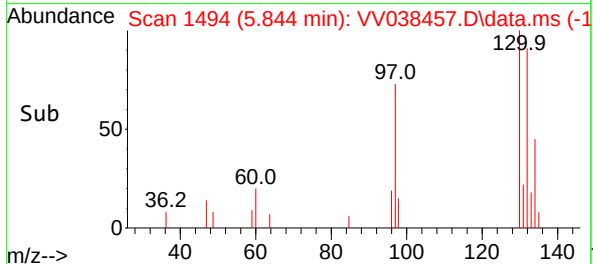
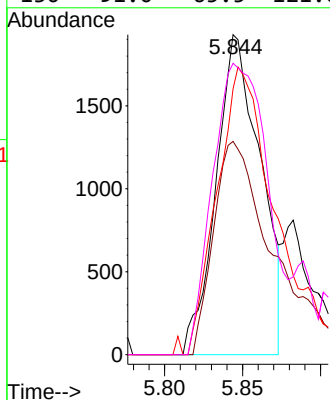
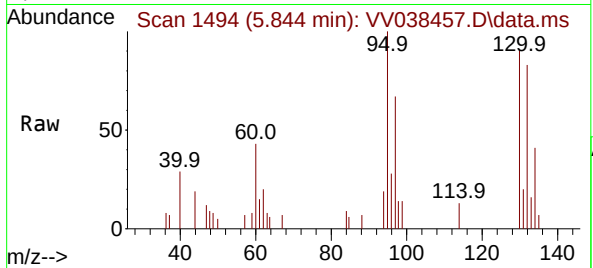


#34
 Trichloroethene
 Concen: 0.189 ug/L
 RT: 5.844 min Scan# 1488
 Delta R.T. 0.019 min
 Lab File: VV038457.D
 Acq: 20 Jan 2025 12:27

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 95 Resp: 3825

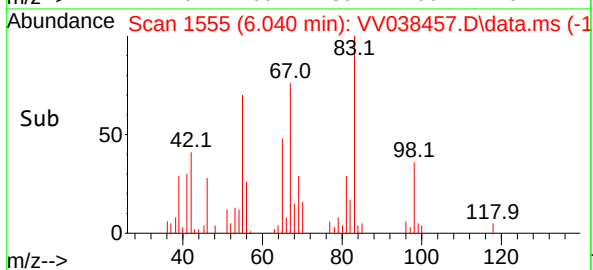
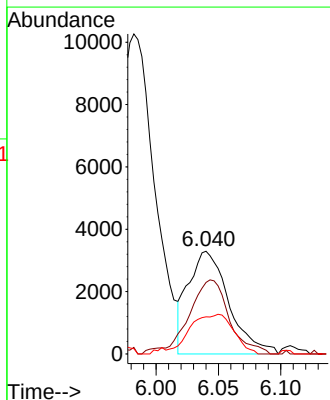
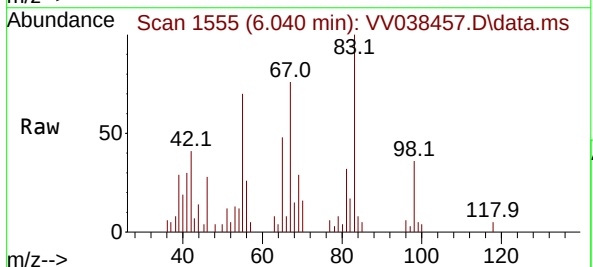
Ion	Ratio	Lower	Upper
95	100		
97	66.7	43.4	80.6
132	83.1	65.5	121.6
130	91.0	65.5	121.6

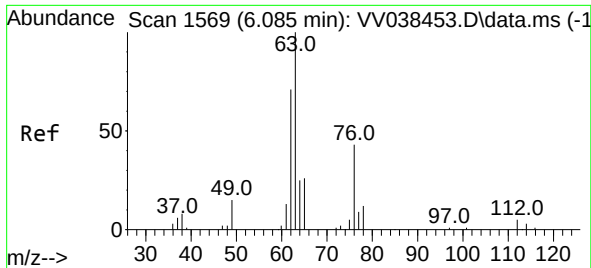


#35
 Methylcyclohexane
 Concen: 0.243 ug/L
 RT: 6.040 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: VV038457.D
 Acq: 20 Jan 2025 12:27

Tgt Ion: 83 Resp: 7491

Ion	Ratio	Lower	Upper
83	100		
55	71.5	59.4	89.0
98	41.3	37.8	56.8

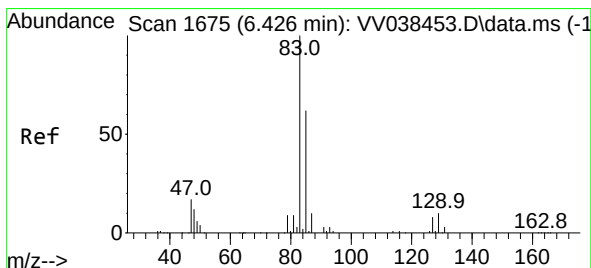
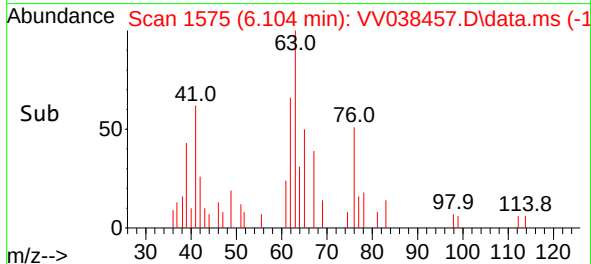
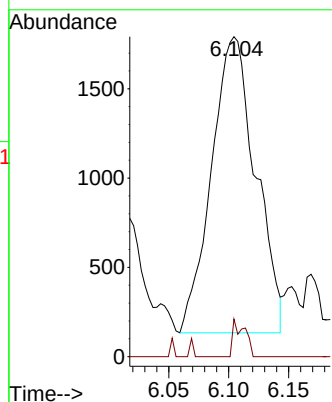
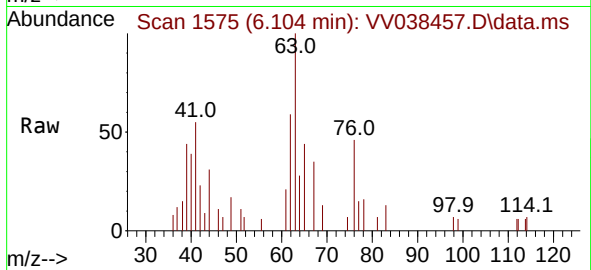




#37
1,2-Dichloropropane
Concen: 0.212 ug/L
RT: 6.104 min Scan# 1575
Delta R.T. 0.019 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

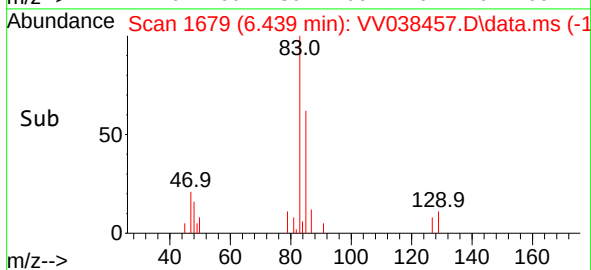
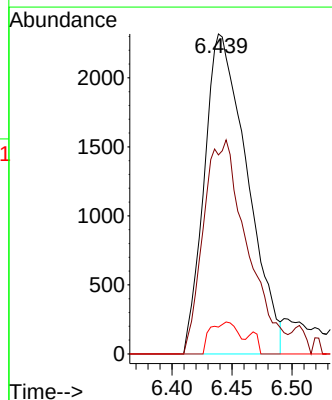
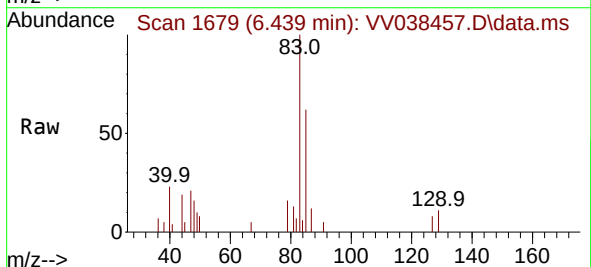
Instrument :
MSVOA_V
ClientSampleId :

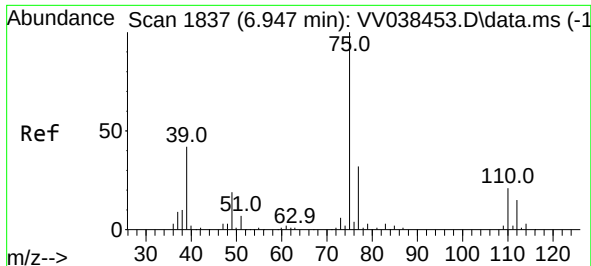
Tgt Ion: 63 Resp: 4254
Ion Ratio Lower Upper
63 100
112 3.4 4.1 6.1#



#38
Bromodichloromethane
Concen: 0.221 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. 0.013 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

Tgt Ion: 83 Resp: 5772
Ion Ratio Lower Upper
83 100
85 62.2 44.7 83.1
127 8.4 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 0.223 ug/L

RT: 6.972 min Scan# 11

Delta R.T. 0.026 min

Lab File: VV038457.D

Acq: 20 Jan 2025 12:27

Instrument :

MSVOA_V

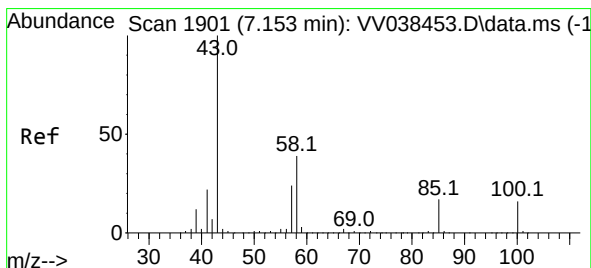
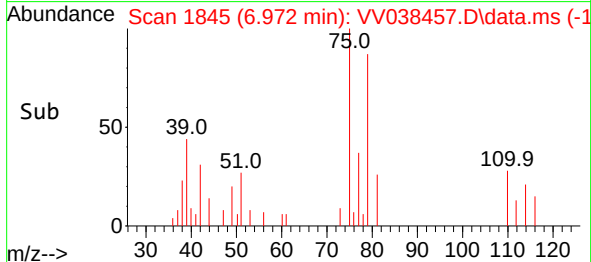
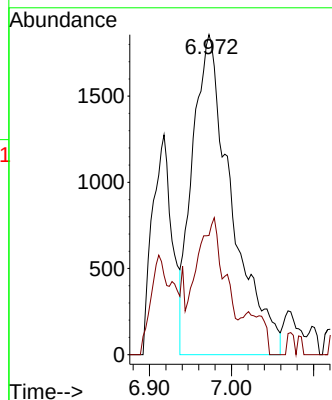
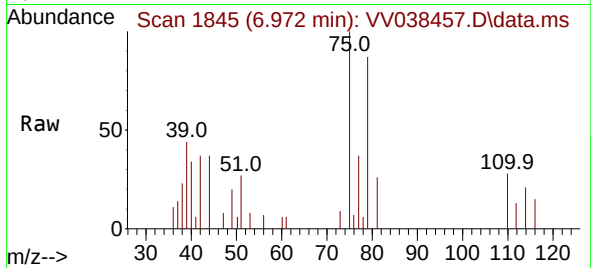
ClientSampleId :

Tgt Ion: 75 Resp: 6178

Ion Ratio Lower Upper

75 100

77 37.3 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 1.624 ug/L

RT: 7.172 min Scan# 1907

Delta R.T. 0.019 min

Lab File: VV038457.D

Acq: 20 Jan 2025 12:27

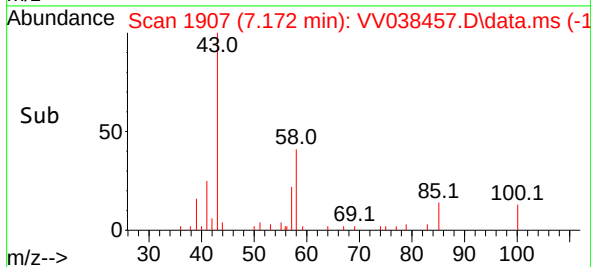
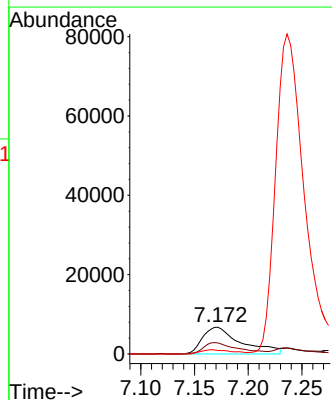
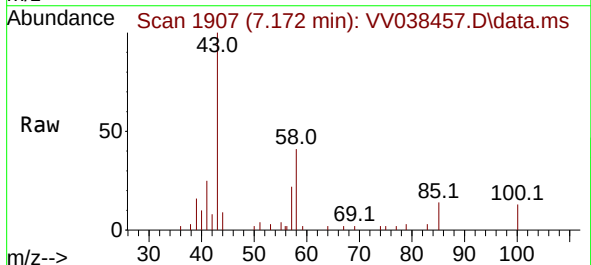
Tgt Ion: 43 Resp: 16892

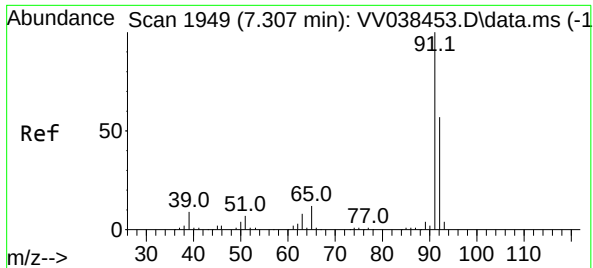
Ion Ratio Lower Upper

43 100

58 37.5 31.7 47.5

100 0.0 12.4 18.6

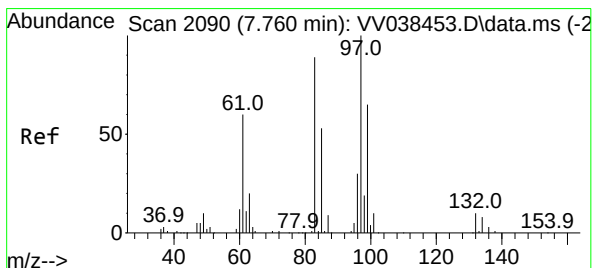
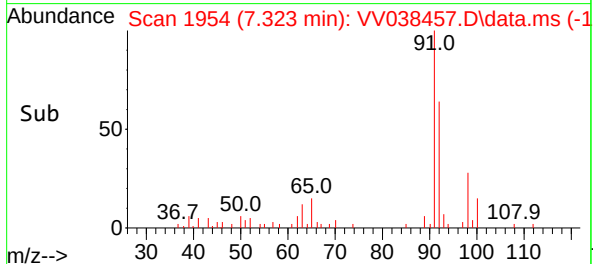
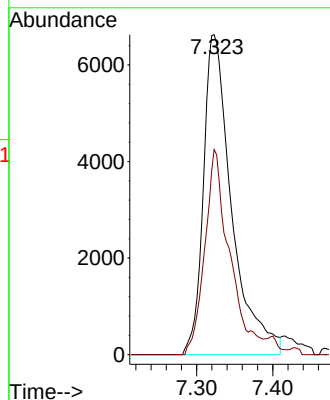
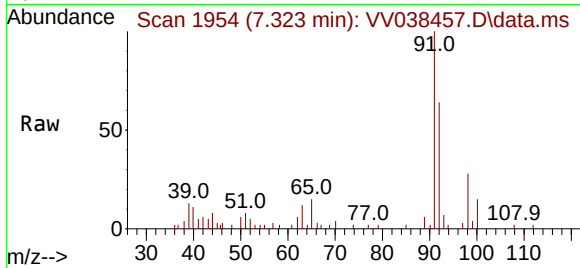




#42
Toluene
Concen: 0.212 ug/L
RT: 7.323 min Scan# 1949
Delta R.T. 0.016 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

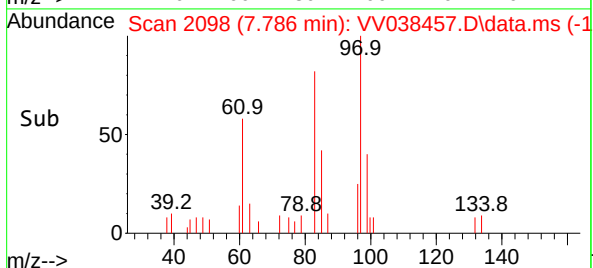
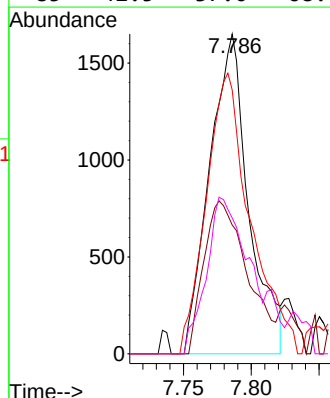
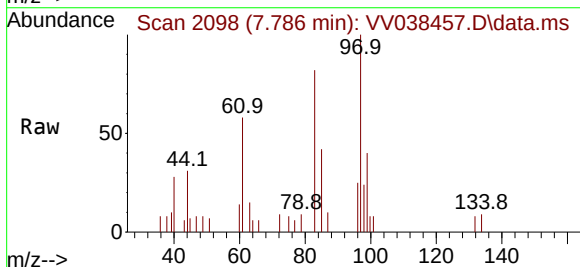
Instrument :
MSVOA_V
ClientSampleId :

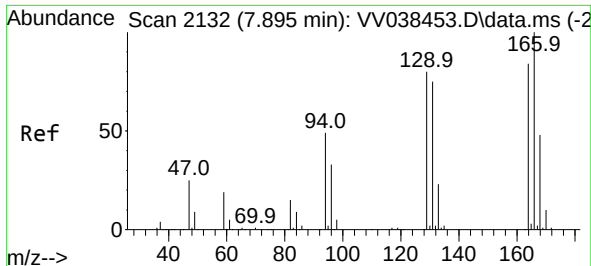
Tgt Ion: 91 Resp: 17159
Ion Ratio Lower Upper
91 100
92 64.1 40.6 75.4



#45
1,1,2-Trichloroethane
Concen: 0.229 ug/L
RT: 7.786 min Scan# 2098
Delta R.T. 0.026 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

Tgt Ion: 97 Resp: 3311
Ion Ratio Lower Upper
97 100
99 40.3 42.3 78.5#
83 82.5 59.4 110.4
85 42.5 37.0 68.6





#47

Tetrachloroethene

Concen: 0.234 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.010 min

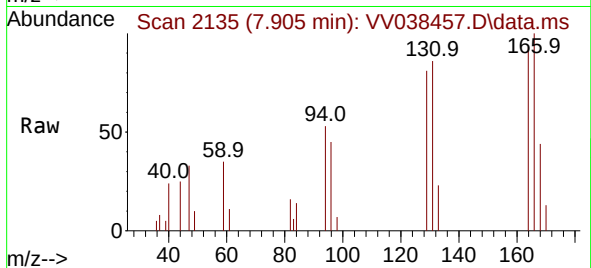
Lab File: VV038457.D

Acq: 20 Jan 2025 12:27

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 3666

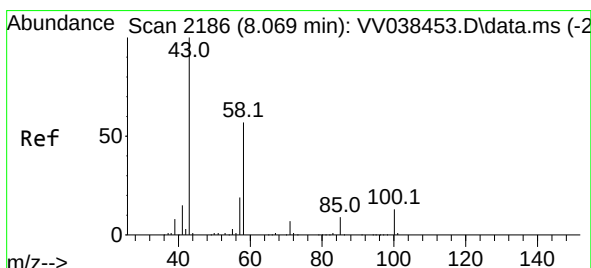
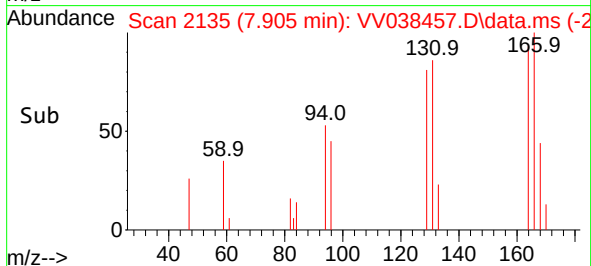
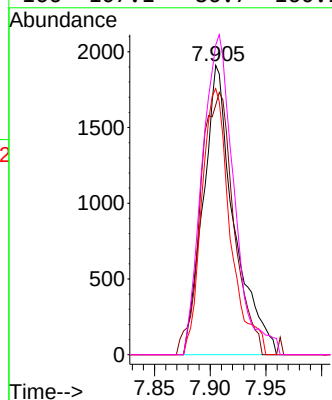
Ion Ratio Lower Upper

164 100

129 86.3 68.9 127.9

131 92.0 65.2 121.2

166 107.1 86.7 160.9



#48

2-Hexanone

Concen: 4.443 ug/L

RT: 8.085 min Scan# 2191

Delta R.T. 0.016 min

Lab File: VV038457.D

Acq: 20 Jan 2025 12:27

Tgt Ion: 43 Resp: 33459

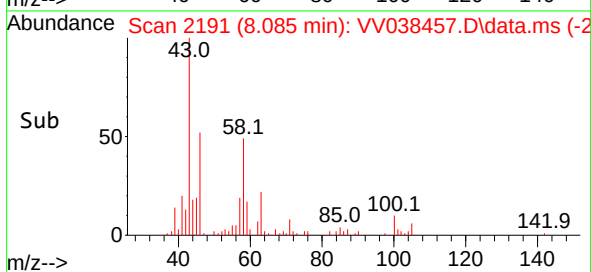
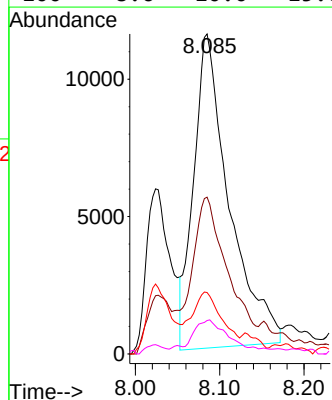
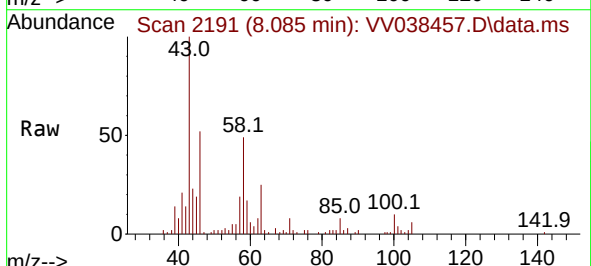
Ion Ratio Lower Upper

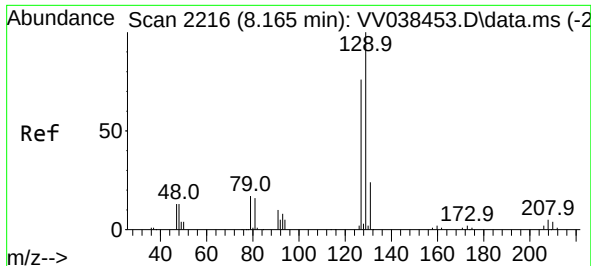
43 100

58 47.0 43.6 65.4

57 16.3 15.0 22.4

100 8.6 10.0 15.0#





#49

Dibromochloromethane

Concen: 0.224 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.006 min

Lab File: VV038457.D

Acq: 20 Jan 2025 12:27

Instrument :

MSVOA_V

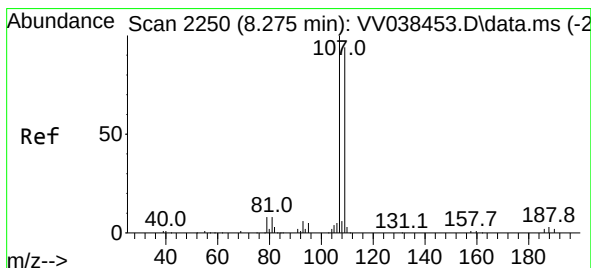
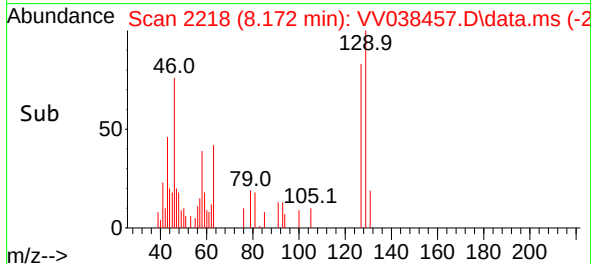
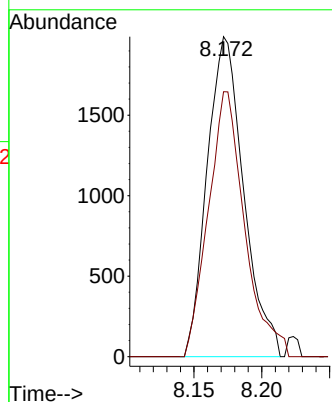
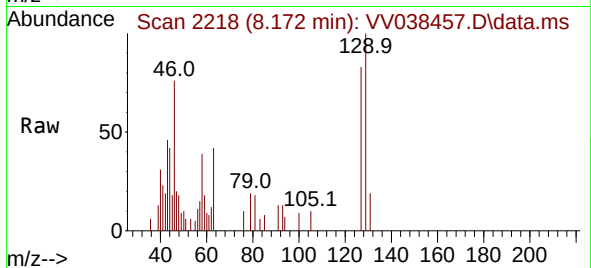
ClientSampleId :

Tgt Ion:129 Resp: 3725

Ion Ratio Lower Upper

129 100

127 82.8 52.8 98.2



#50

1,2-Dibromoethane

Concen: 0.236 ug/L

RT: 8.294 min Scan# 2256

Delta R.T. 0.019 min

Lab File: VV038457.D

Acq: 20 Jan 2025 12:27

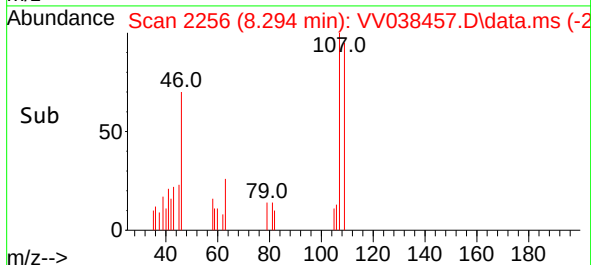
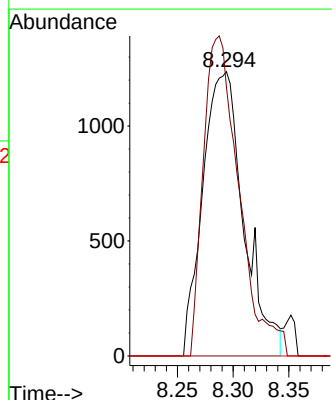
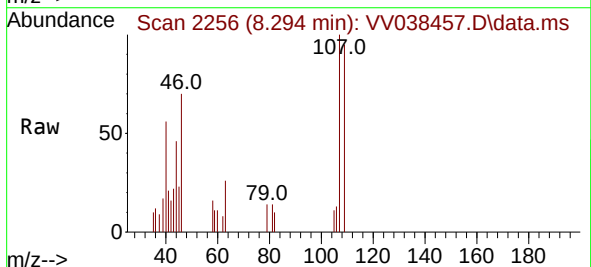
Tgt Ion:107 Resp: 3177

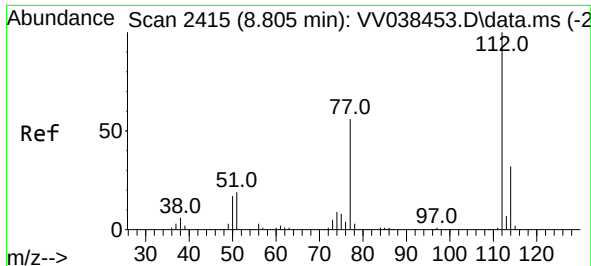
Ion Ratio Lower Upper

107 100

109 94.7 65.9 122.3

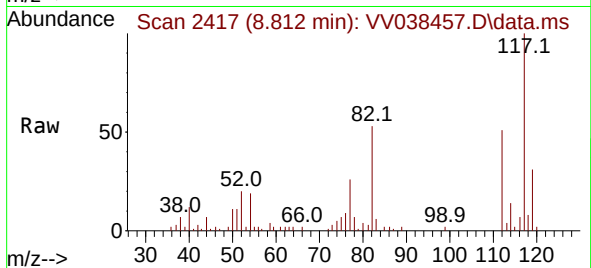
188 0.0 2.8 4.2#



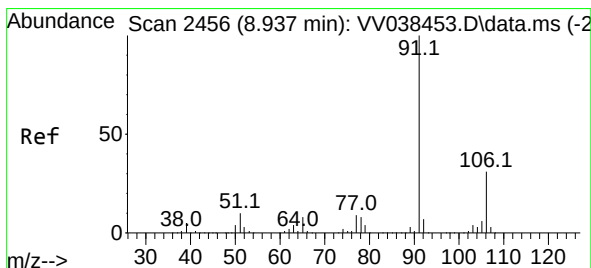
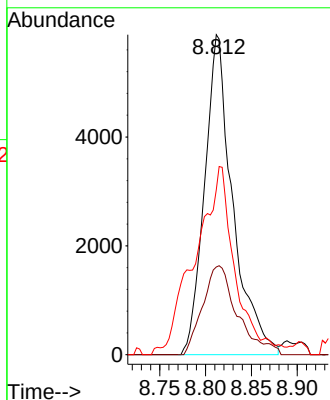
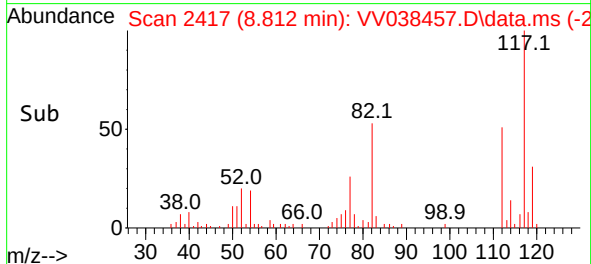


#51
Chlorobenzene
Concen: 0.230 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.006 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

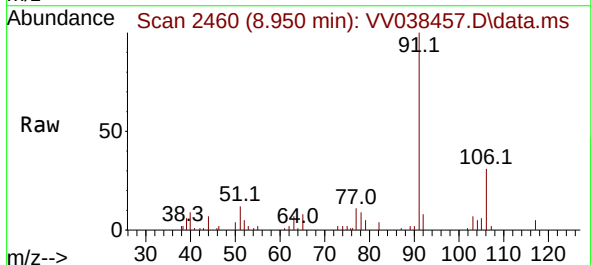
Instrument :
MSVOA_V
ClientSampleId :



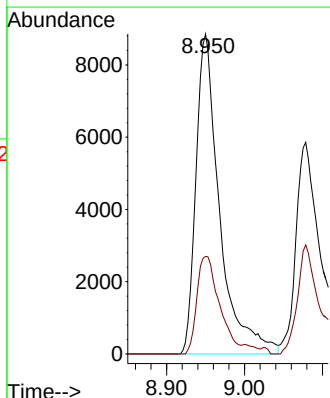
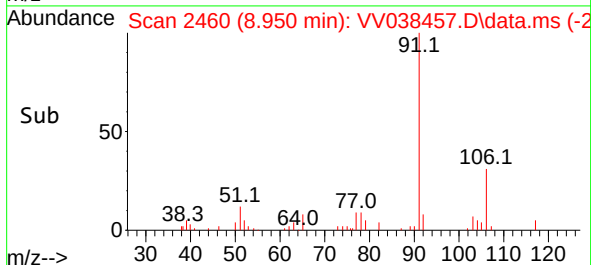
Tgt Ion:112 Resp: 12571
Ion Ratio Lower Upper
112 100
114 27.4 22.9 42.5
77 51.5 46.1 69.1

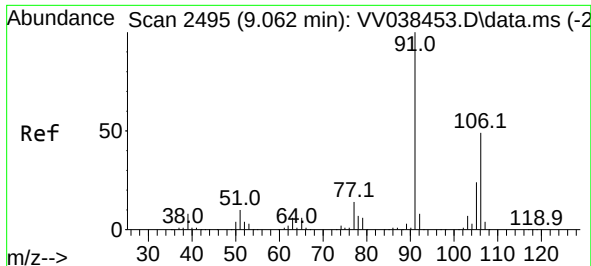


#52
Ethylbenzene
Concen: 0.214 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.013 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27



Tgt Ion: 91 Resp: 18670
Ion Ratio Lower Upper
91 100
106 30.5 22.0 40.8

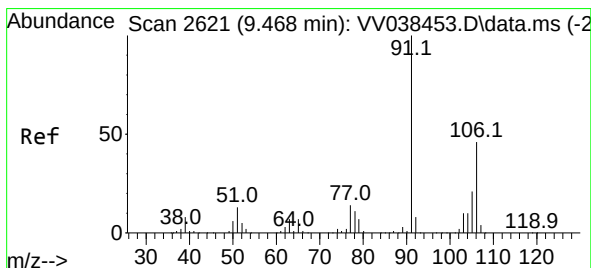
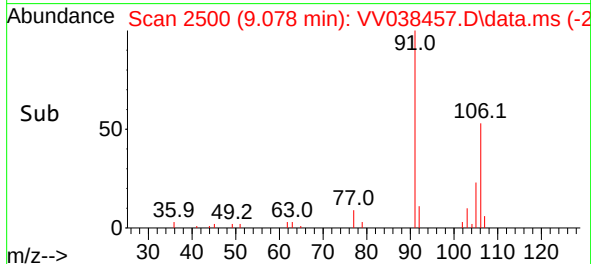
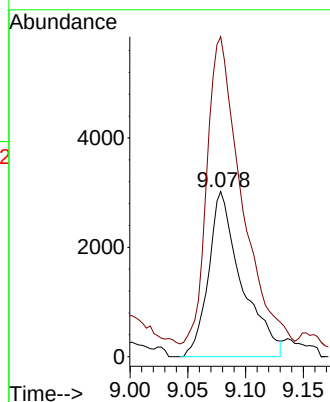
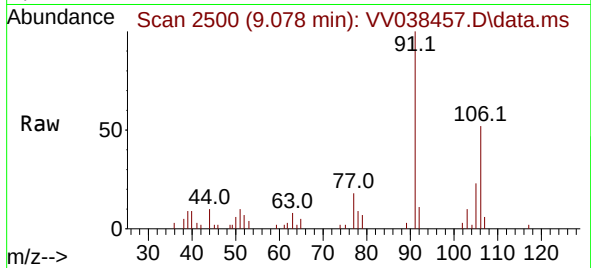




#53
m,p-Xylene
Concen: 0.182 ug/L
RT: 9.078 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

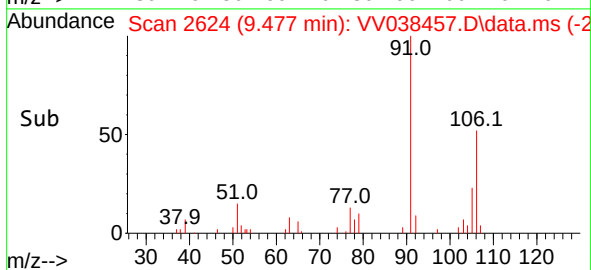
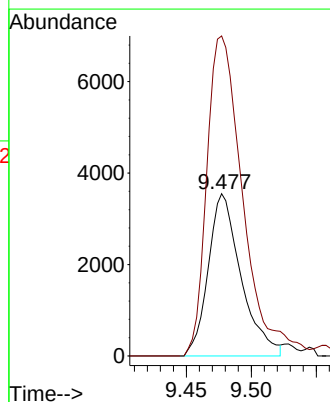
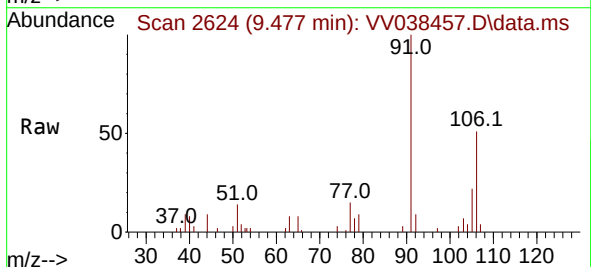
Instrument :
MSVOA_V
ClientSampleId :

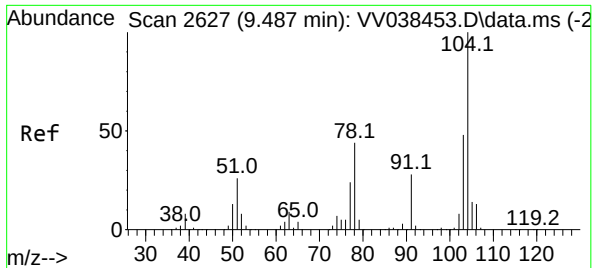
Tgt Ion:106 Resp: 6014
Ion Ratio Lower Upper
106 100
91 193.8 148.2 275.2



#54
o-Xylene
Concen: 0.198 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.010 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

Tgt Ion:106 Resp: 6240
Ion Ratio Lower Upper
106 100
91 197.2 151.4 281.2

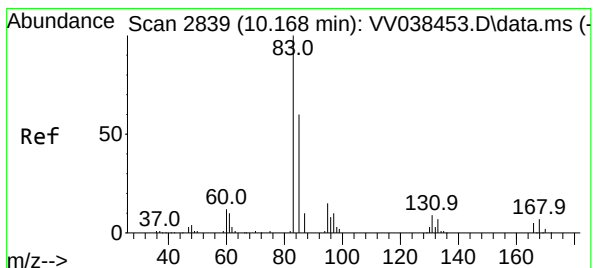
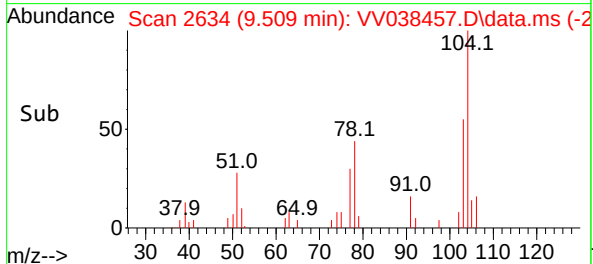
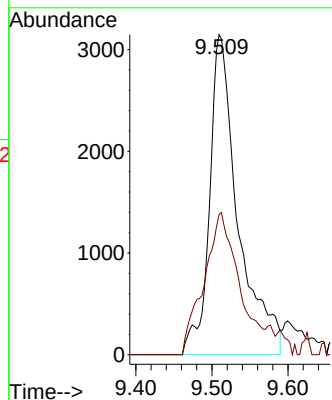
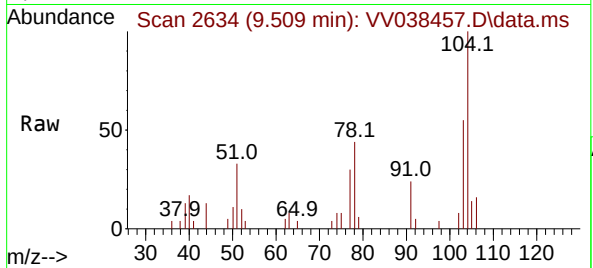




#55
Styrene
Concen: 0.149 ug/L
RT: 9.509 min Scan# 2634
Delta R.T. 0.022 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

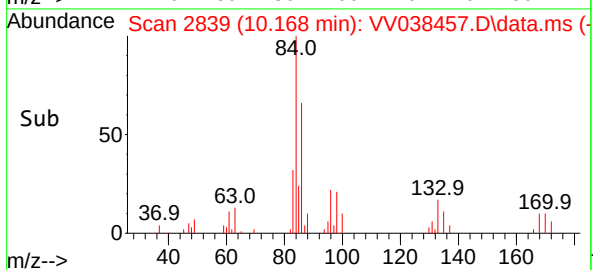
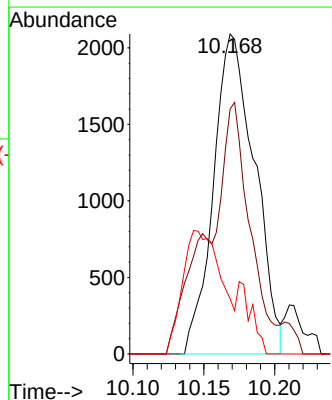
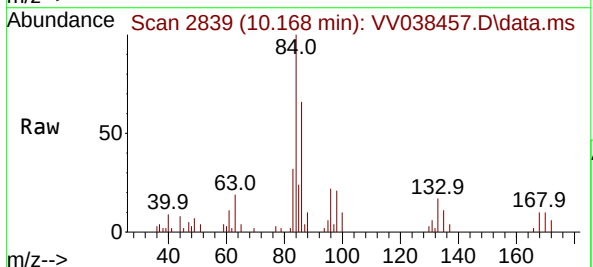
Instrument :
MSVOA_V
ClientSampleId :

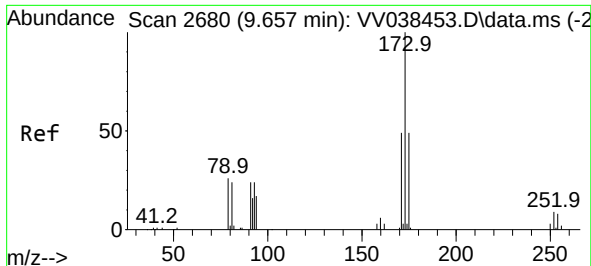
Tgt Ion:104 Resp: 8210
Ion Ratio Lower Upper
104 100
78 43.8 30.8 57.2



#57
1,1,2,2-Tetrachloroethane
Concen: 0.240 ug/L
RT: 10.168 min Scan# 2839
Delta R.T. -0.000 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

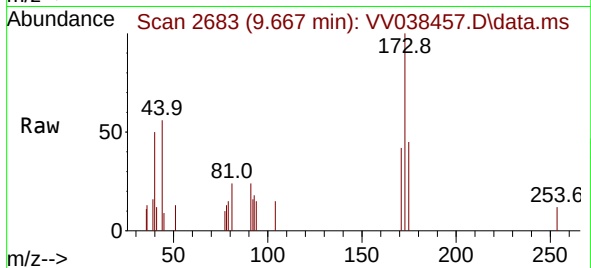
Tgt Ion: 83 Resp: 4229
Ion Ratio Lower Upper
83 100
85 76.6 45.1 83.7
131 17.3 7.5 11.3#



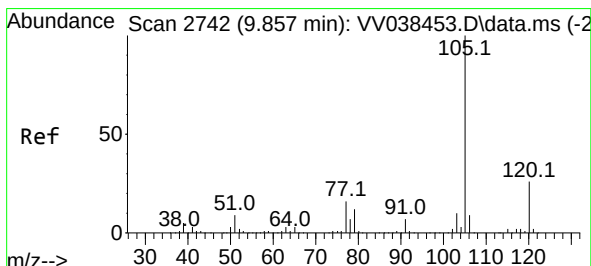
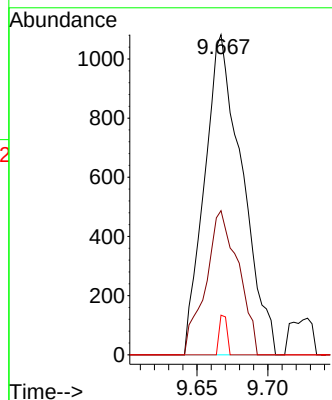
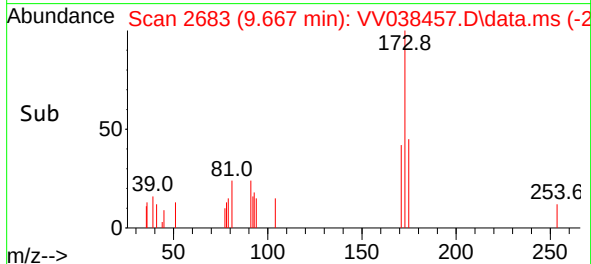


#59
Bromoform
Concen: 0.276 ug/L
RT: 9.667 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

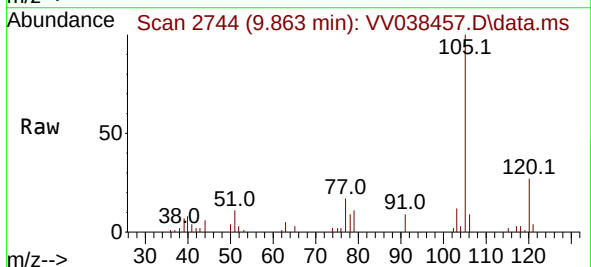
Instrument :
MSVOA_V
ClientSampleId :



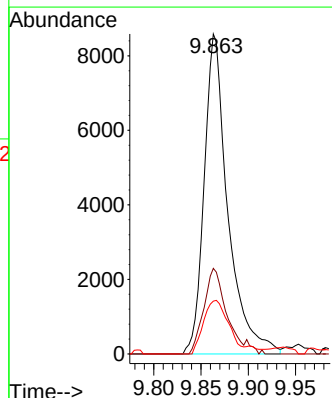
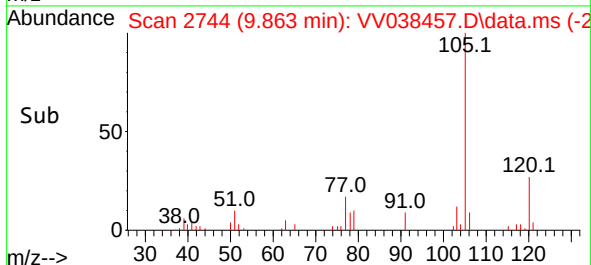
Tgt Ion:173 Resp: 1994
Ion Ratio Lower Upper
173 100
175 39.2 37.6 56.4
254 2.6 5.6 8.4#

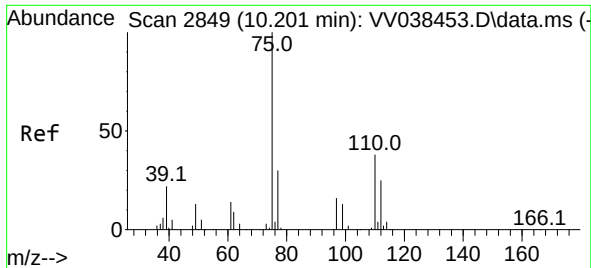


#60
Isopropylbenzene
Concen: 0.215 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27



Tgt Ion:105 Resp: 14974
Ion Ratio Lower Upper
105 100
120 26.3 21.4 32.2
77 17.6 12.7 19.1

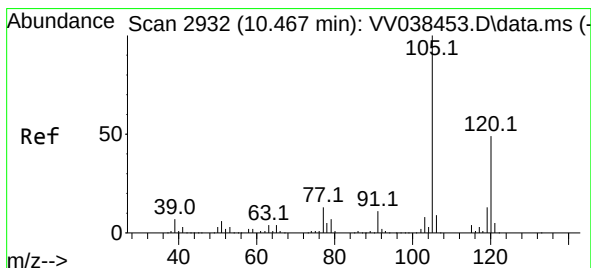
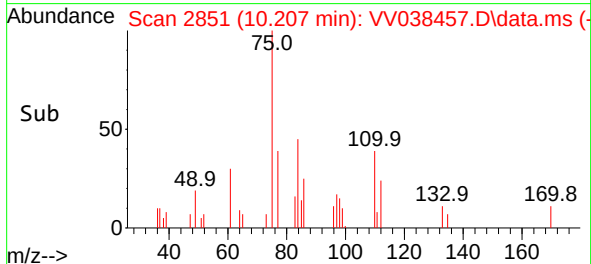
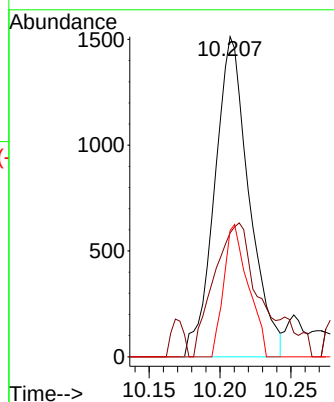
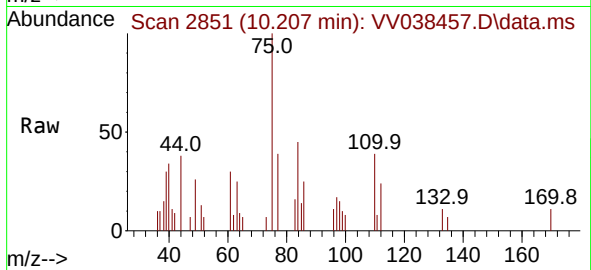




#61
 1,2,3-Trichloropropane
 Concen: 0.257 ug/L
 RT: 10.207 min Scan# 2849
 Delta R.T. 0.006 min
 Lab File: VV038457.D
 Acq: 20 Jan 2025 12:27

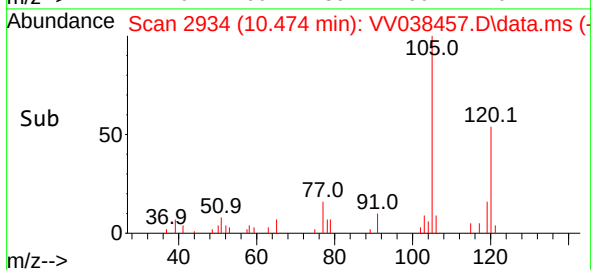
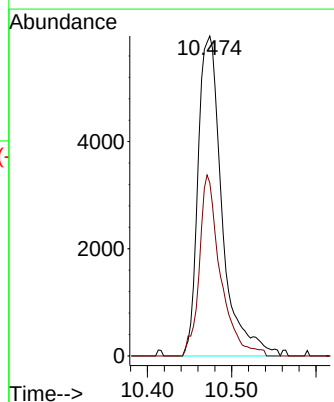
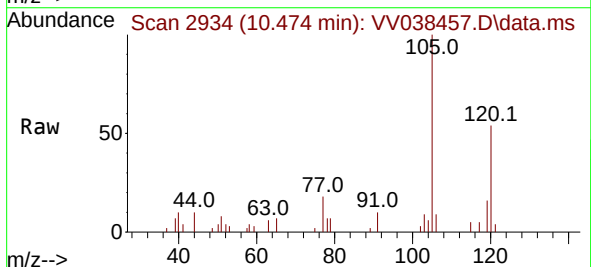
Instrument :
 MSVOA_V
 ClientSampleId :

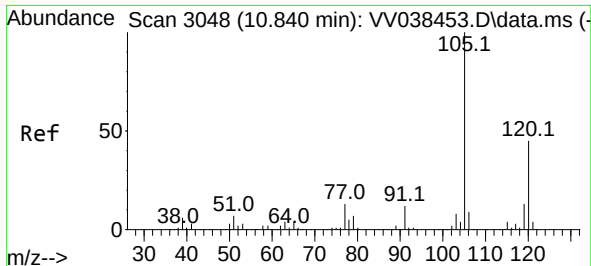
Tgt Ion: 75 Resp: 2561
 Ion Ratio Lower Upper
 75 100
 77 50.7 25.4 38.0#
 110 29.3 32.6 48.8#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.217 ug/L
 RT: 10.474 min Scan# 2934
 Delta R.T. 0.006 min
 Lab File: VV038457.D
 Acq: 20 Jan 2025 12:27

Tgt Ion: 105 Resp: 11851
 Ion Ratio Lower Upper
 105 100
 120 49.7 39.4 59.0

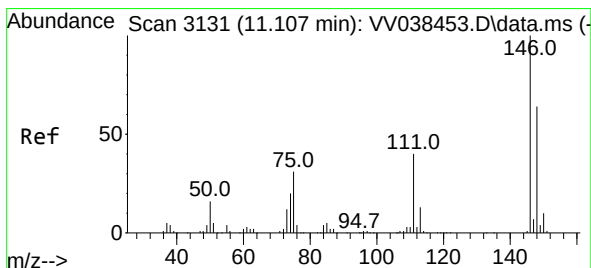
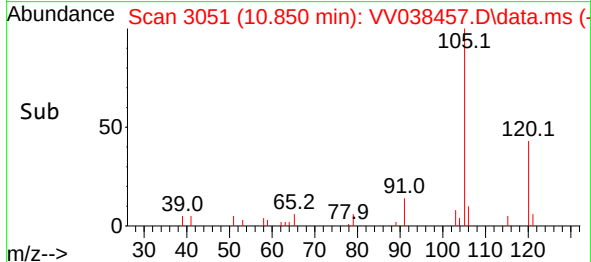
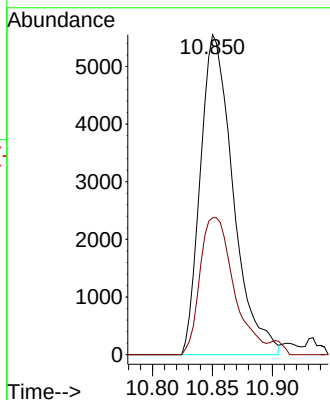
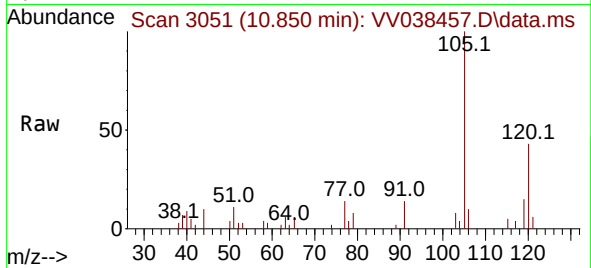




#63
1,2,4-Trimethylbenzene
Concen: 0.193 ug/L
RT: 10.850 min Scan# 3048
Delta R.T. 0.010 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

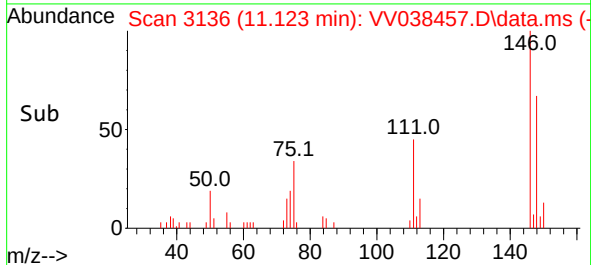
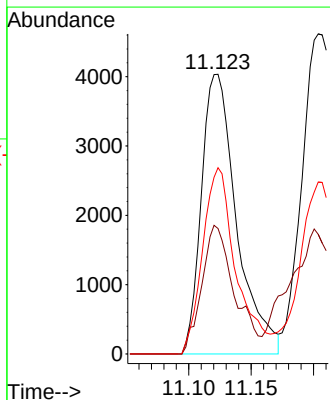
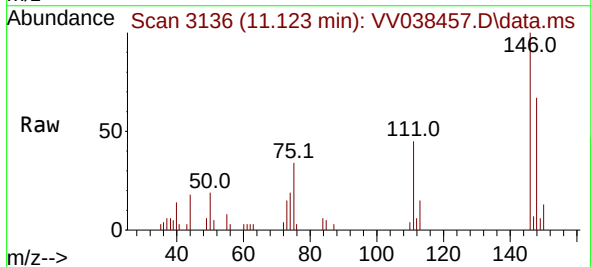
Instrument :
MSVOA_V
ClientSampleId :

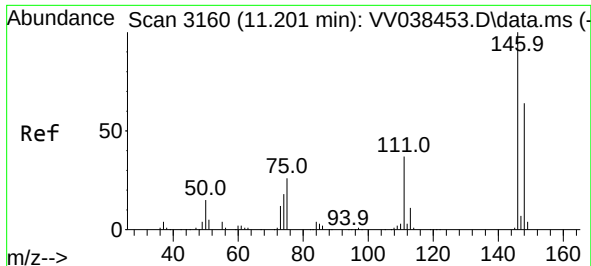
Tgt Ion:105 Resp: 10537
Ion Ratio Lower Upper
105 100
120 44.4 35.8 53.8



#64
1,3-Dichlorobenzene
Concen: 0.229 ug/L
RT: 11.123 min Scan# 3136
Delta R.T. 0.016 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

Tgt Ion:146 Resp: 7920
Ion Ratio Lower Upper
146 100
111 44.8 27.9 51.9
148 66.6 44.7 83.1

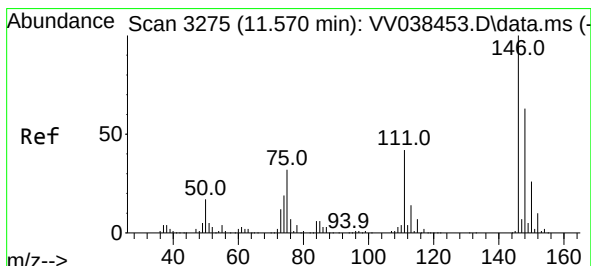
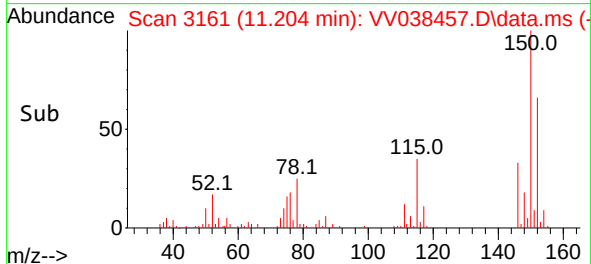
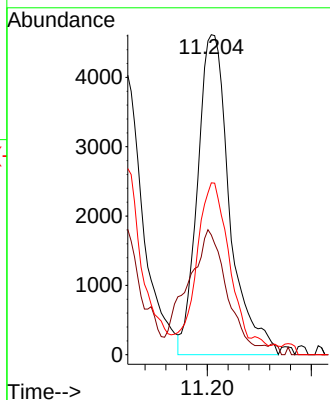
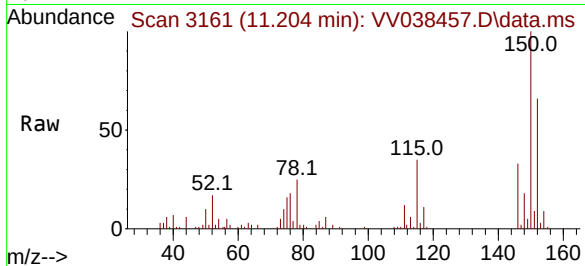




#65
 1,4-Dichlorobenzene
 Concen: 0.276 ug/L
 RT: 11.204 min Scan# 3161
 Delta R.T. 0.003 min
 Lab File: VV038457.D
 Acq: 20 Jan 2025 12:27

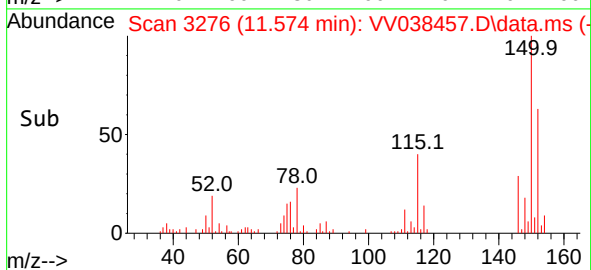
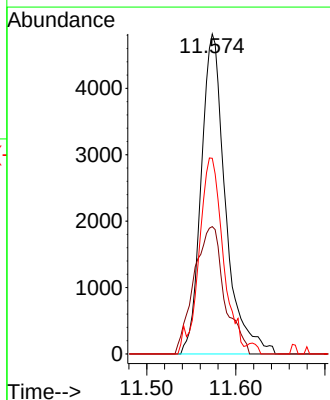
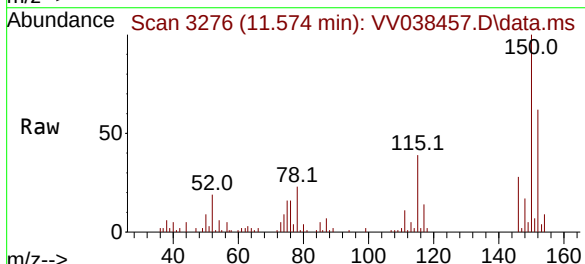
Instrument :
 MSVOA_V
 ClientSampleId :

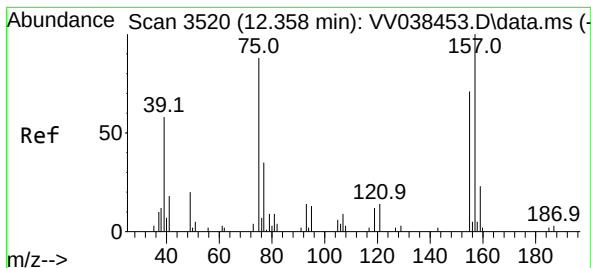
Tgt Ion:146 Resp: 9890
 Ion Ratio Lower Upper
 146 100
 111 37.4 28.1 52.3
 148 53.7 44.7 83.1



#67
 1,2-Dichlorobenzene
 Concen: 0.281 ug/L
 RT: 11.574 min Scan# 3276
 Delta R.T. 0.003 min
 Lab File: VV038457.D
 Acq: 20 Jan 2025 12:27

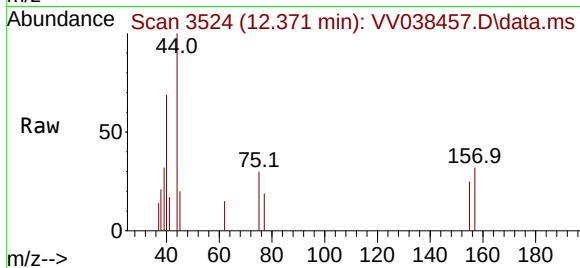
Tgt Ion:146 Resp: 9116
 Ion Ratio Lower Upper
 146 100
 111 39.8 33.4 50.0
 148 61.1 49.9 74.9



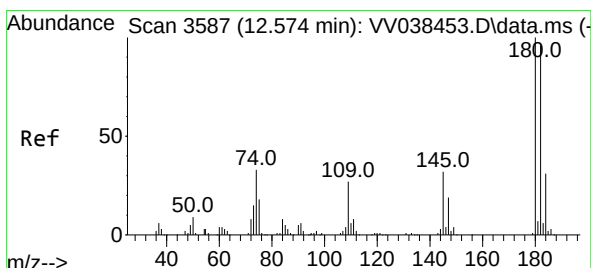
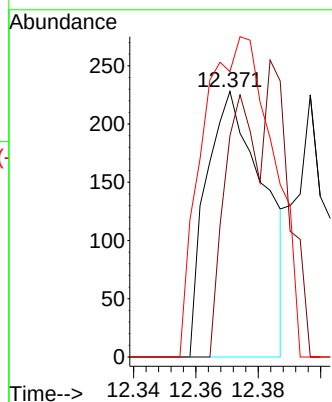
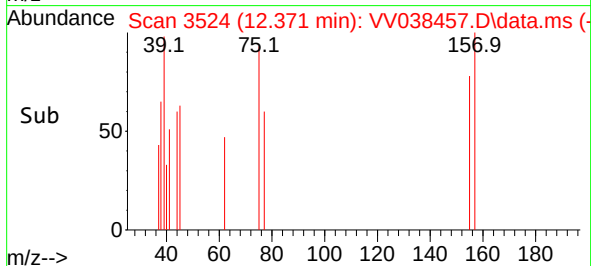


#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.142 ug/L
 RT: 12.371 min Scan# 31
 Delta R.T. 0.013 min
 Lab File: VV038457.D
 Acq: 20 Jan 2025 12:27

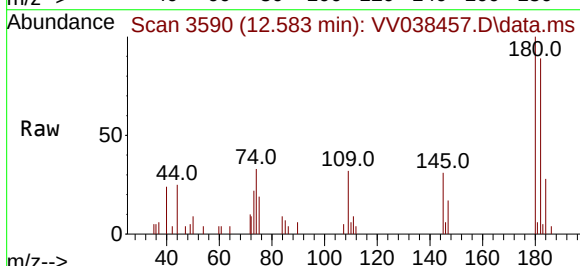
Instrument :
 MSVOA_V
 ClientSampleId :



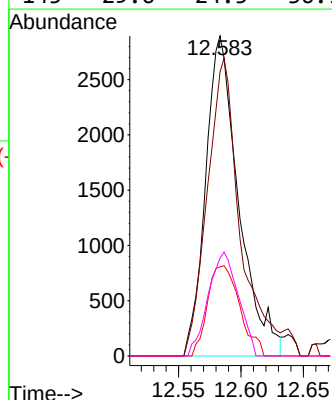
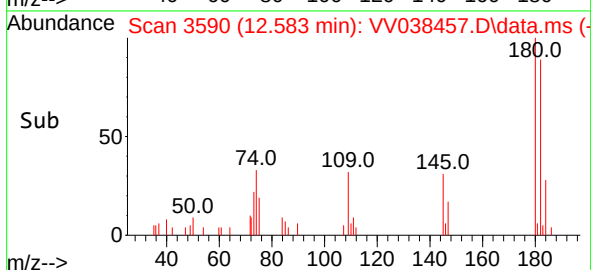
Tgt Ion: 75 Resp: 292
 Ion Ratio Lower Upper
 75 100
 155 83.3 56.7 85.1
 157 107.5 74.4 111.6

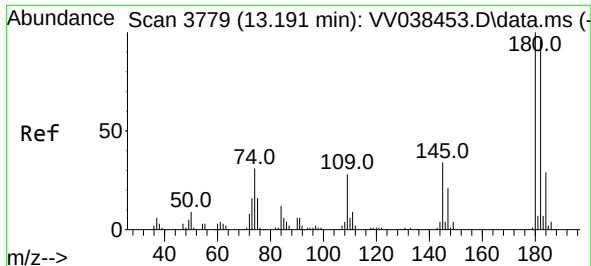


#69
 1,3,5-Trichlorobenzene
 Concen: 0.225 ug/L
 RT: 12.583 min Scan# 3590
 Delta R.T. 0.010 min
 Lab File: VV038457.D
 Acq: 20 Jan 2025 12:27



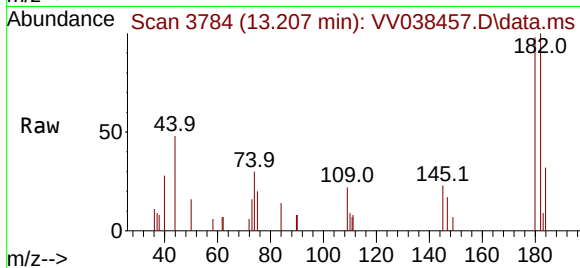
Tgt Ion: 180 Resp: 5345
 Ion Ratio Lower Upper
 180 100
 182 91.5 74.3 111.5
 184 27.4 23.2 34.8
 145 29.6 24.5 36.7



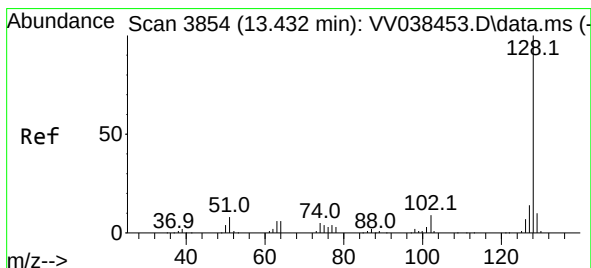
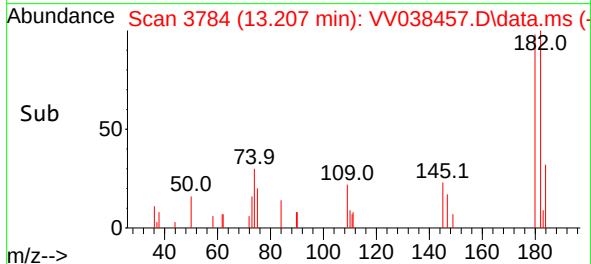
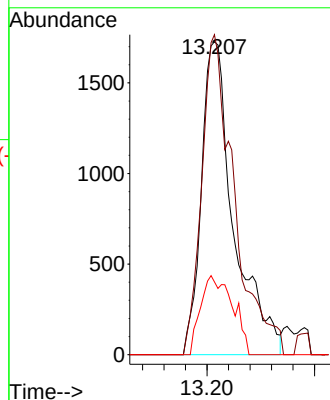


#70
1,2,4-trichlorobenzene
Concen: 0.204 ug/L
RT: 13.207 min Scan# 31
Delta R.T. 0.016 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

Instrument :
MSVOA_V
ClientSampleId :

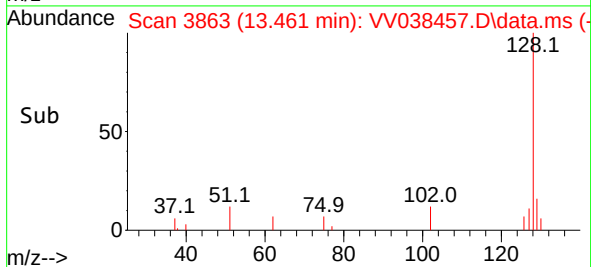
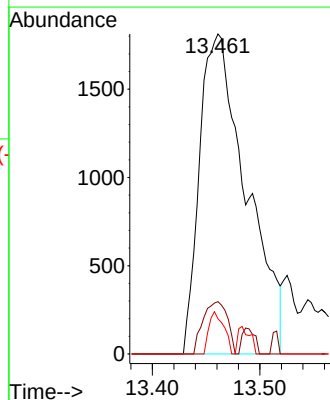
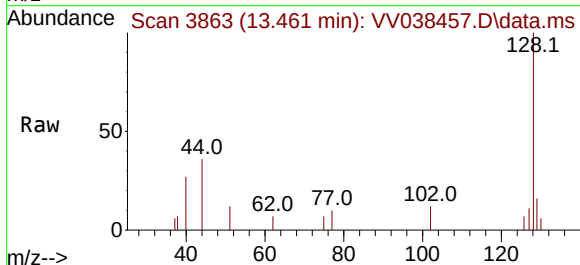


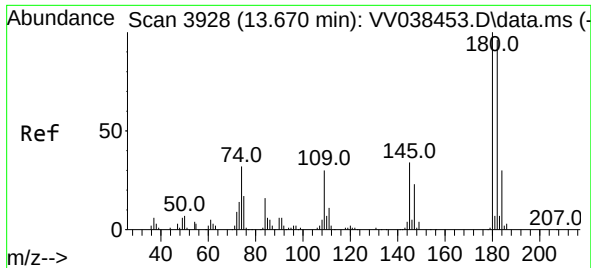
Tgt Ion:180 Resp: 3617
Ion Ratio Lower Upper
180 100
182 102.7 77.5 116.3
145 24.9 26.2 39.4#



#71
Naphthalene
Concen: 0.209 ug/L
RT: 13.461 min Scan# 3863
Delta R.T. 0.029 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

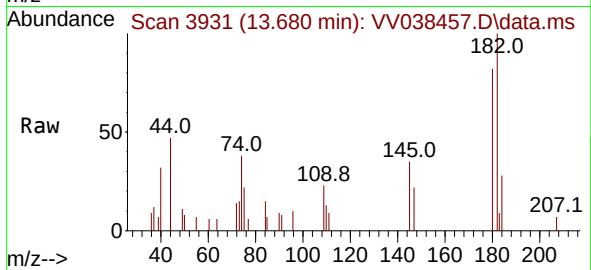
Tgt Ion:128 Resp: 5475
Ion Ratio Lower Upper
128 100
129 8.5 8.3 12.5
127 4.2 11.0 16.6#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.203 ug/L
 RT: 13.680 min Scan# 3928
 Delta R.T. 0.010 min
 Lab File: VV038457.D
 Acq: 20 Jan 2025 12:27

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	3102
Ion	Ratio	Lower	Upper
180	100		
182	98.2	77.0	115.6
145	30.5	27.1	40.7

