

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032725\
 Data File : VX045473.D
 Acq On : 27 Mar 2025 12:45
 Operator : JC/MD
 Sample : VX0327WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBL01

Quant Time: Mar 28 01:34:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

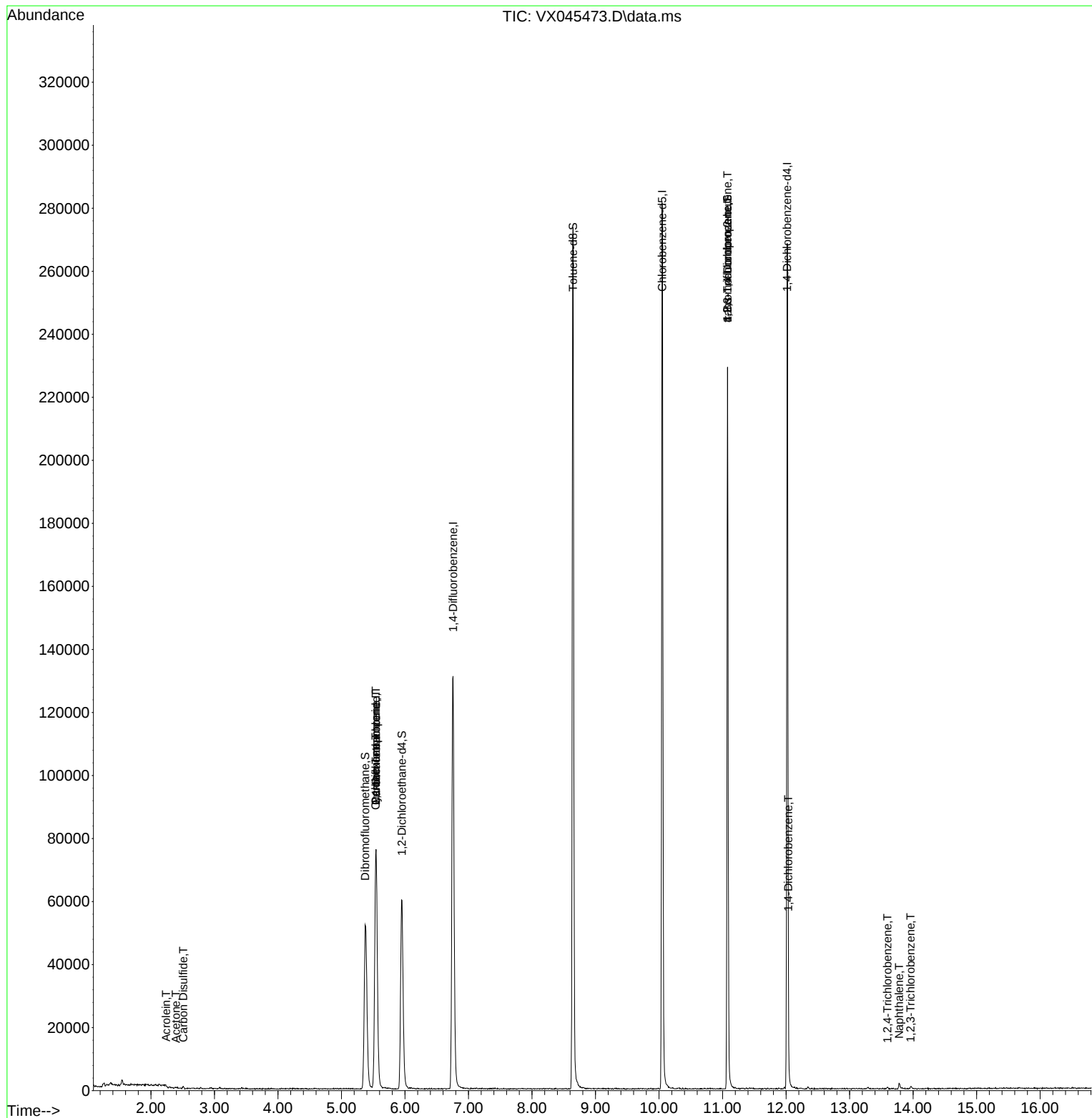
Internal Standards						
1) Pentafluorobenzene	5.544	168	66061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127871	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	118224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61043	58.092	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.180%			
35) Dibromofluoromethane	5.373	113	46656	54.566	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.140%			
50) Toluene-d8	8.647	98	160481	51.771	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.540%			
62) 4-Bromofluorobenzene	11.079	95	58339	56.795	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 113.580%			
Target Compounds						
					Qvalue	
13) Acrolein	2.239	56	169	0.735	ug/l	93
16) Acetone	2.392	43	266	0.546	ug/l #	44
17) Carbon Disulfide	2.508	76	848	0.392	ug/l #	77
31) Cyclohexane	5.537	56	2008	1.405	ug/l #	23
36) 1,1-Dichloropropene	5.544	75	6398	5.456	ug/l #	51
38) Carbon Tetrachloride	5.544	117	7674	6.446	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	33307	28.020	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	33307	95.888	ug/l #	6
88) 1,4-Dichlorobenzene	12.036	146	399	0.235	ug/l #	64
93) 1,2,4-Trichlorobenzene	13.597	180	319	0.333	ug/l #	84
95) Naphthalene	13.780	128	1899	0.516	ug/l #	87
96) 1,2,3-Trichlorobenzene	13.963	180	361	0.357	ug/l	95

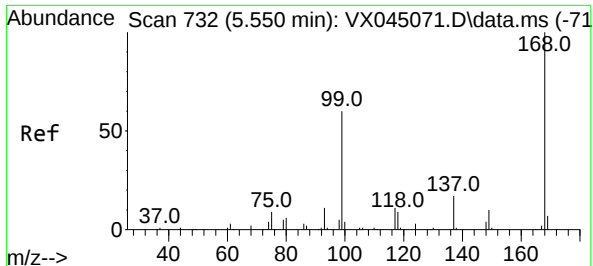
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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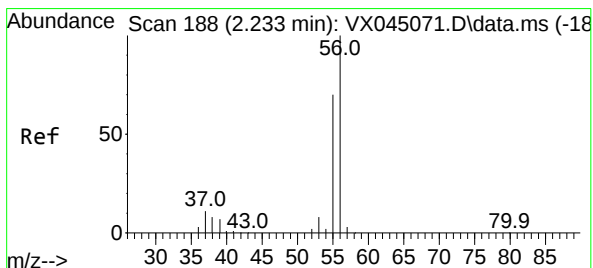
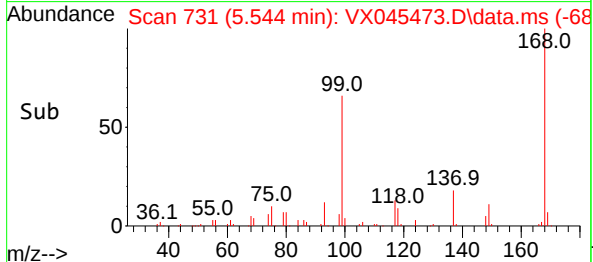
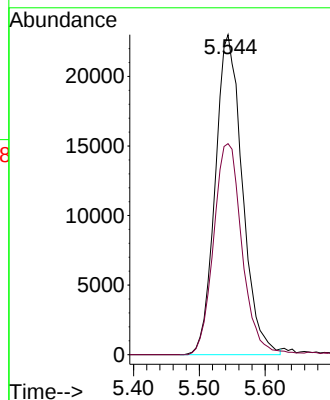
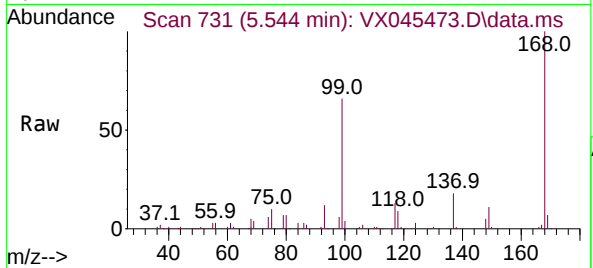




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045473.D
Acq: 27 Mar 2025 12:45

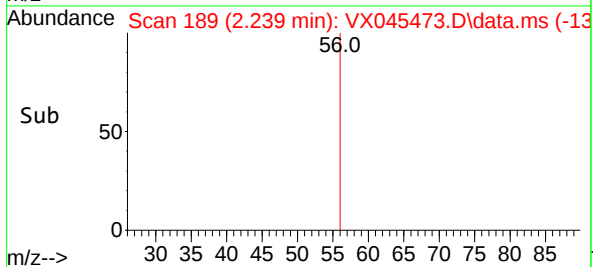
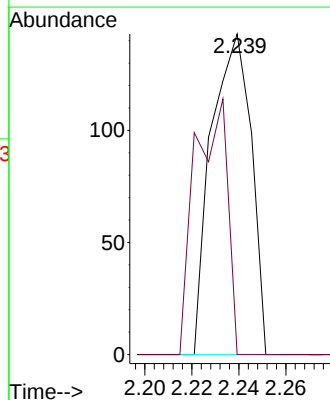
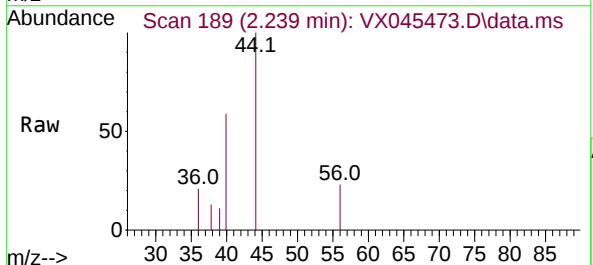
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBL01

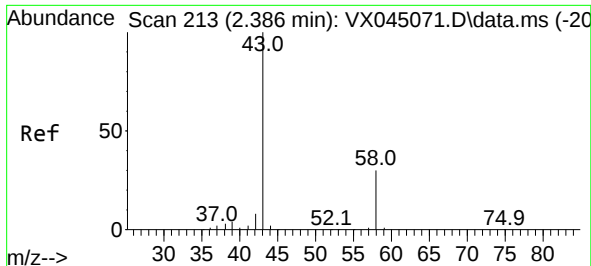
Tgt Ion:168 Resp: 66061
Ion Ratio Lower Upper
168 100
99 65.9 48.2 72.4



#13
Acrolein
Concen: 0.735 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX045473.D
Acq: 27 Mar 2025 12:45

Tgt Ion: 56 Resp: 169
Ion Ratio Lower Upper
56 100
55 64.5 56.2 84.4

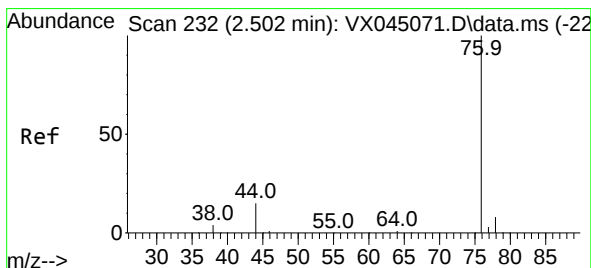
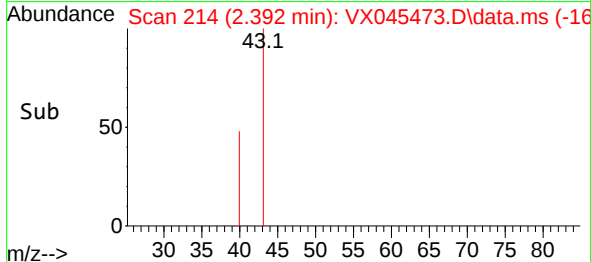
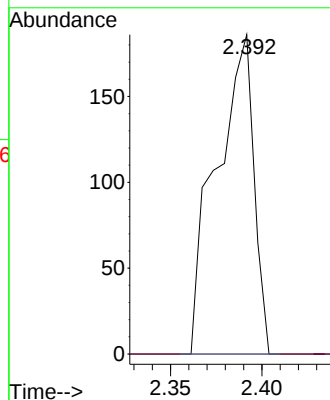
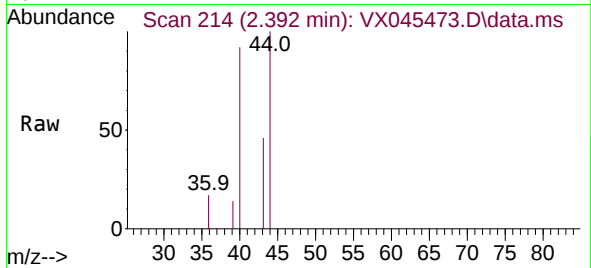




#16
Acetone
Concen: 0.546 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX045473.D
Acq: 27 Mar 2025 12:45

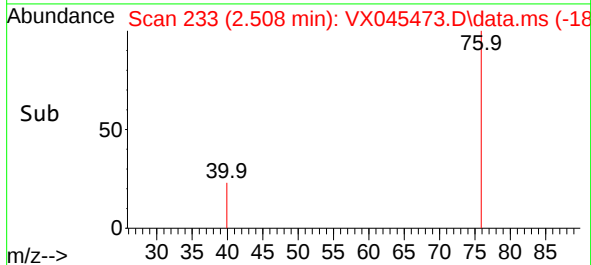
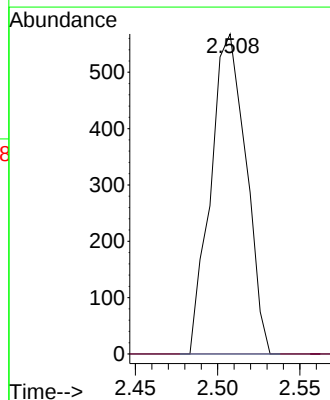
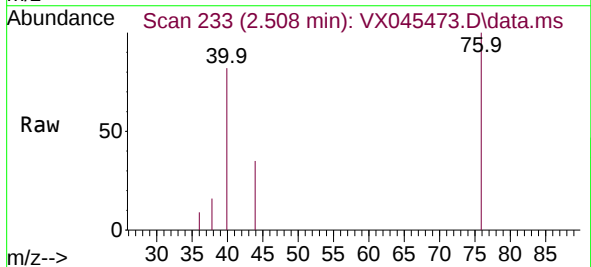
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBL01

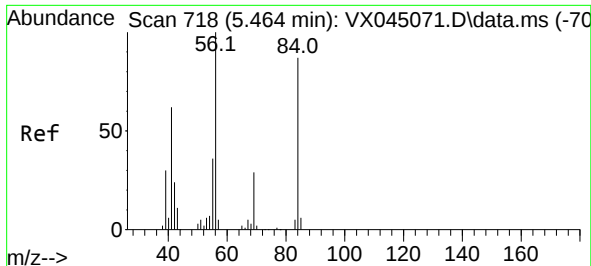
Tgt Ion: 43 Resp: 266
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#17
Carbon Disulfide
Concen: 0.392 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX045473.D
Acq: 27 Mar 2025 12:45

Tgt Ion: 76 Resp: 848
Ion Ratio Lower Upper
76 100
78 0.0 6.6 9.8#

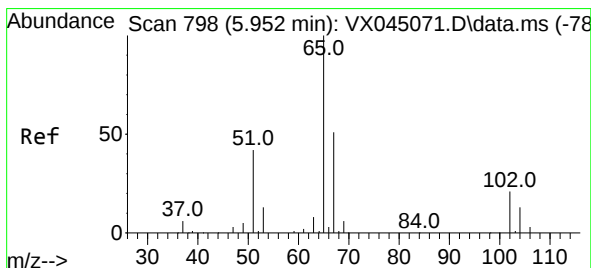
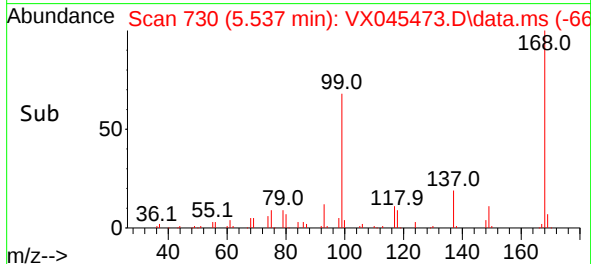
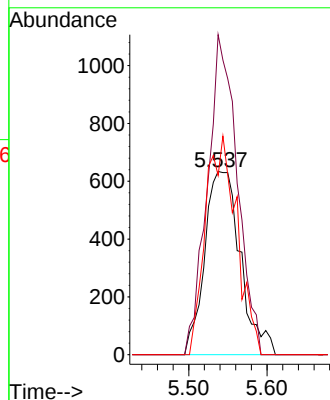
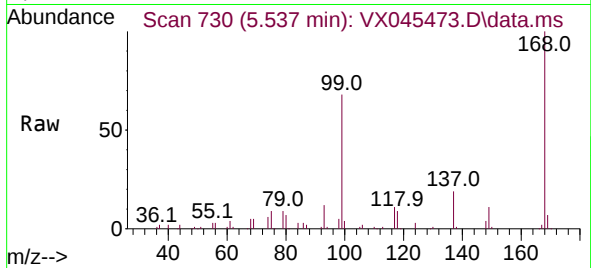




#31
Cyclohexane
Concen: 1.405 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX045473.D
Acq: 27 Mar 2025 12:45

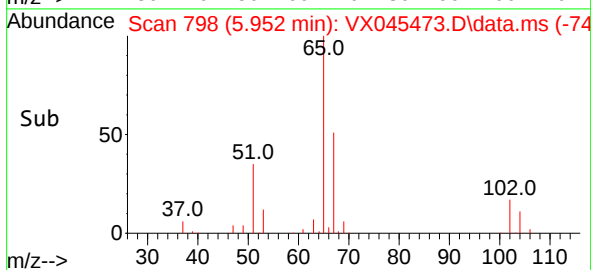
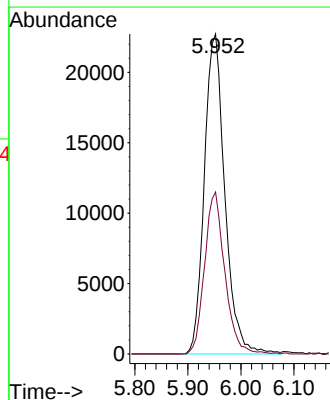
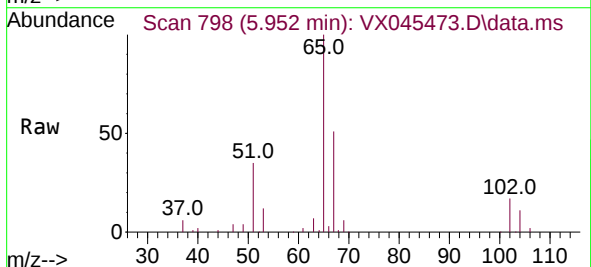
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBL01

Tgt Ion: 56 Resp: 2008
Ion Ratio Lower Upper
56 100
69 174.6 23.4 35.2#
84 97.8 69.4 104.2



#33
1,2-Dichloroethane-d4
Concen: 58.092 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045473.D
Acq: 27 Mar 2025 12:45

Tgt Ion: 65 Resp: 61043
Ion Ratio Lower Upper
65 100
67 49.9 0.0 106.2

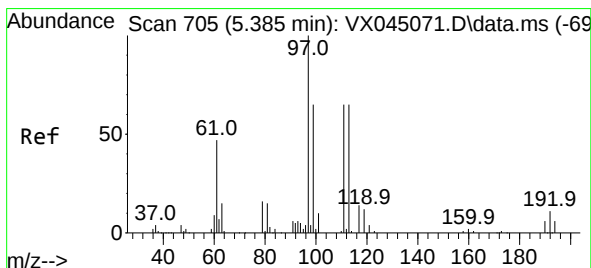
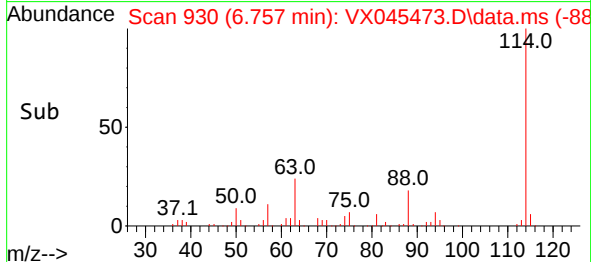
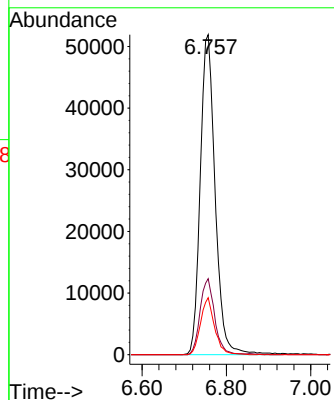
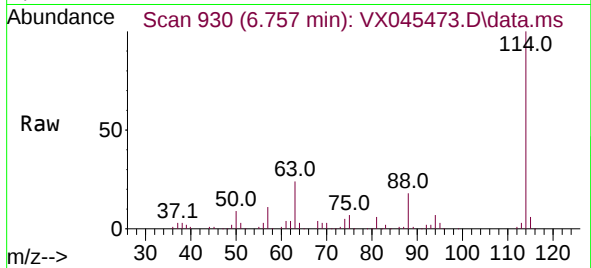




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045473.D
Acq: 27 Mar 2025 12:45

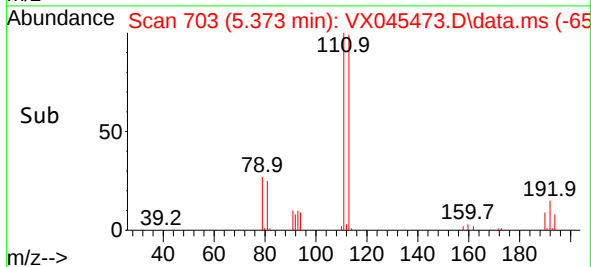
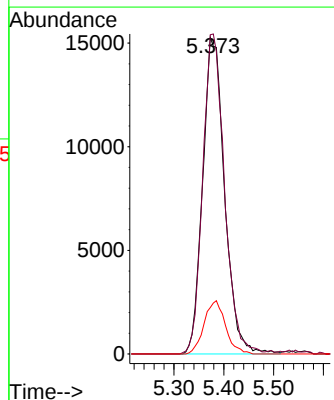
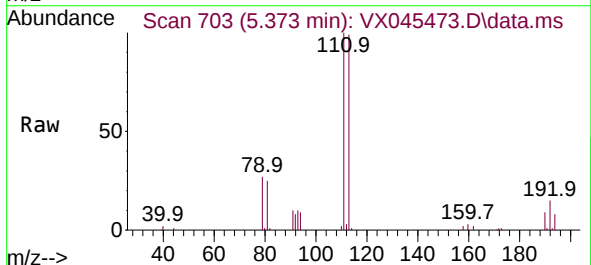
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBL01

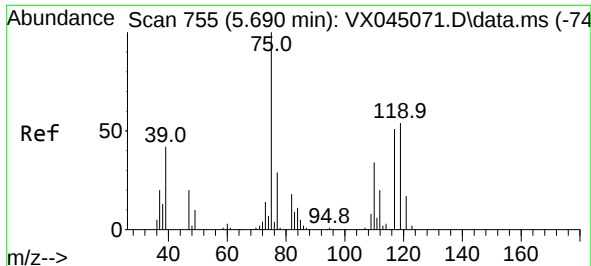
Tgt Ion:114 Resp: 127871
Ion Ratio Lower Upper
114 100
63 23.8 0.0 41.8
88 17.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 54.566 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX045473.D
Acq: 27 Mar 2025 12:45

Tgt Ion:113 Resp: 46656
Ion Ratio Lower Upper
113 100
111 100.4 81.8 122.6
192 16.5 14.3 21.5

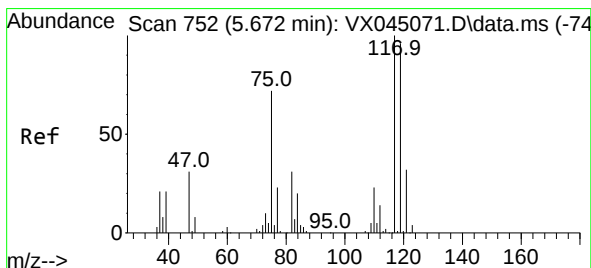
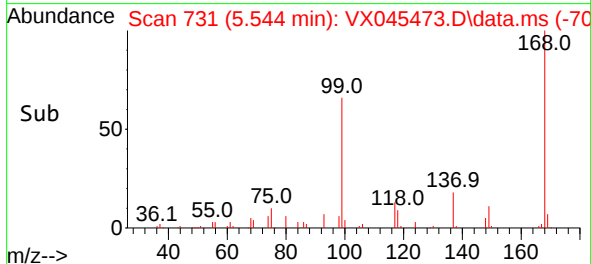
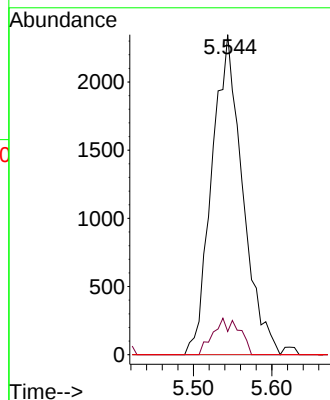
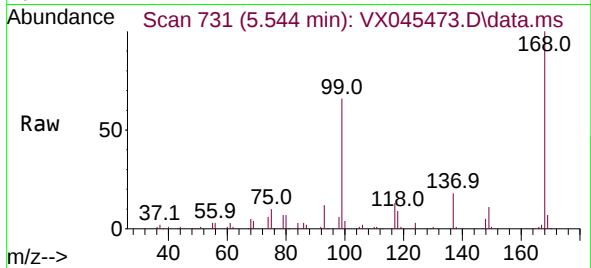




#36
1,1-Dichloropropene
Concen: 5.456 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX045473.D
Acq: 27 Mar 2025 12:45

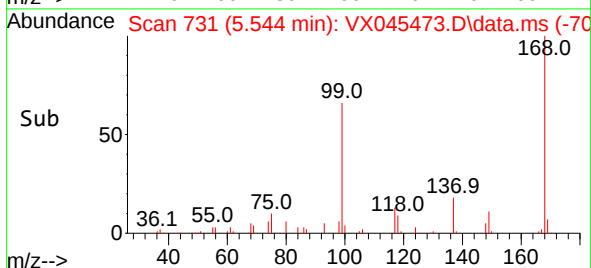
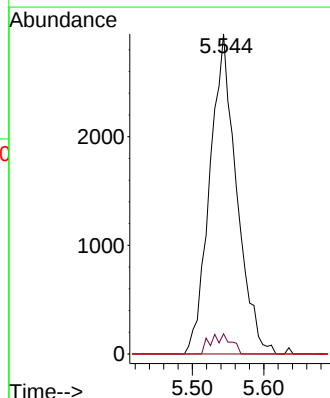
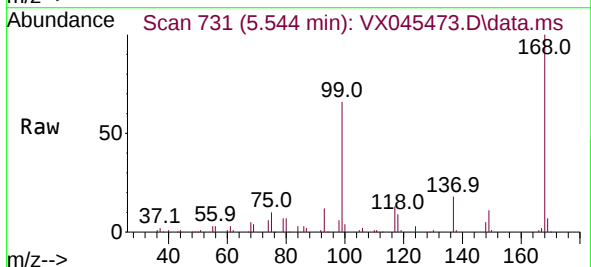
Instrument :
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ClientSampleId :
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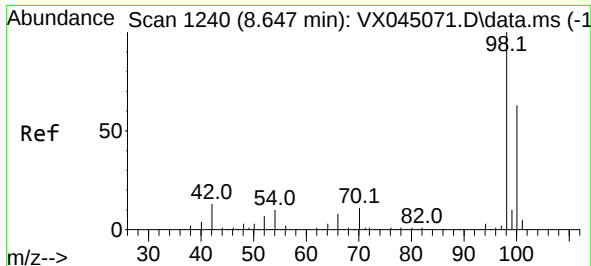
Tgt Ion: 75 Resp: 6398
Ion Ratio Lower Upper
75 100
110 9.7 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.446 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX045473.D
Acq: 27 Mar 2025 12:45

Tgt Ion: 117 Resp: 7674
Ion Ratio Lower Upper
117 100
119 6.3 76.7 115.1#
121 0.0 25.5 38.3#

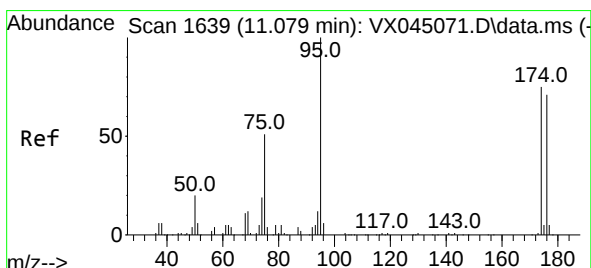
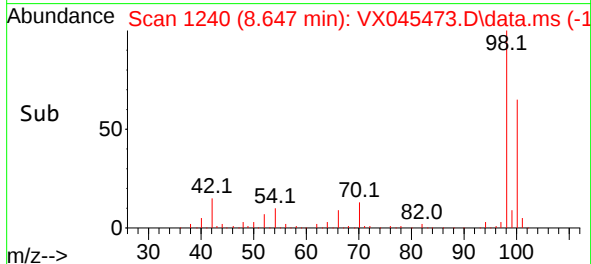
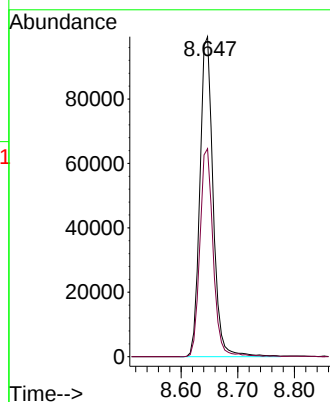
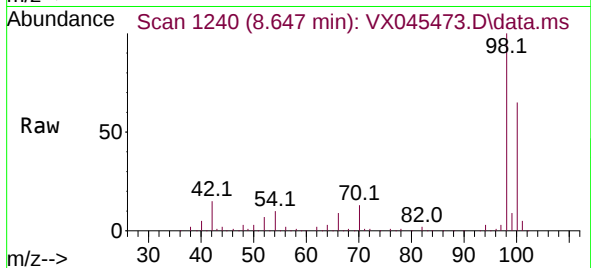




#50
Toluene-d8
Concen: 51.771 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045473.D
Acq: 27 Mar 2025 12:45

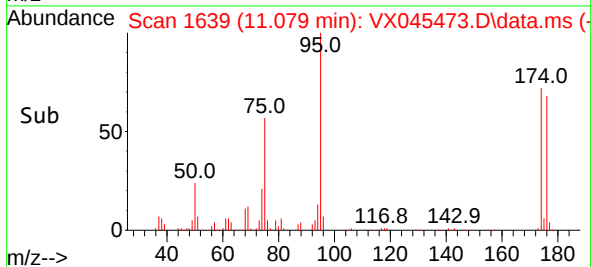
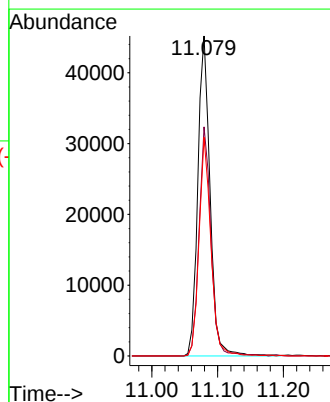
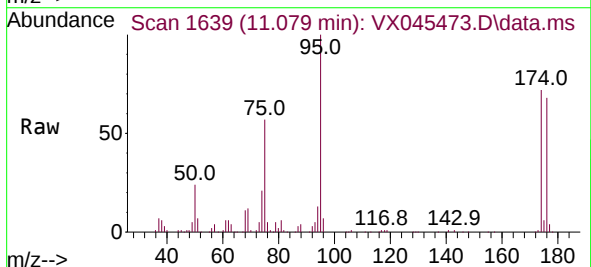
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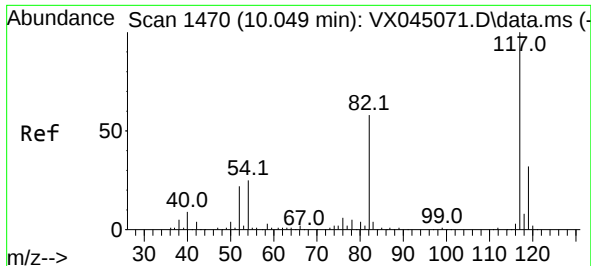
Tgt Ion: 98 Resp: 160481
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 56.795 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045473.D
Acq: 27 Mar 2025 12:45

Tgt Ion: 95 Resp: 58339
Ion Ratio Lower Upper
95 100
174 69.7 0.0 148.2
176 66.3 0.0 141.4

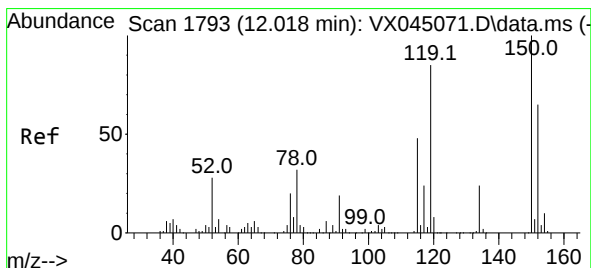
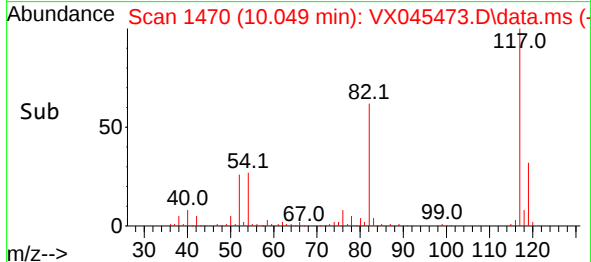
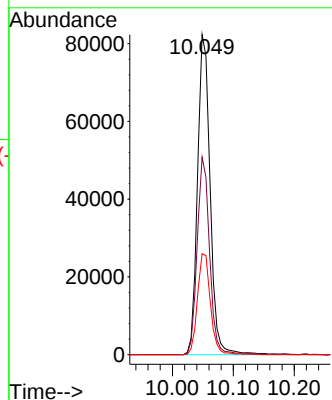
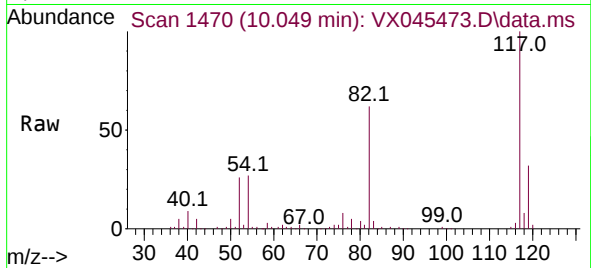




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045473.D
Acq: 27 Mar 2025 12:45

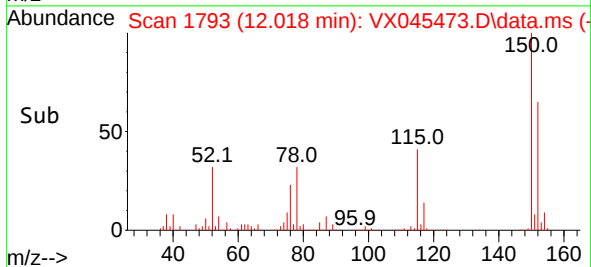
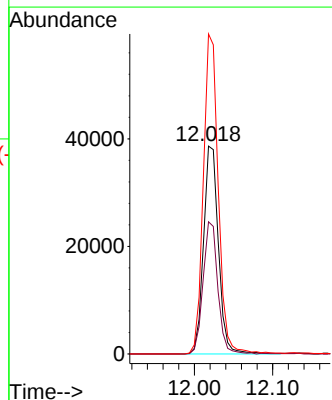
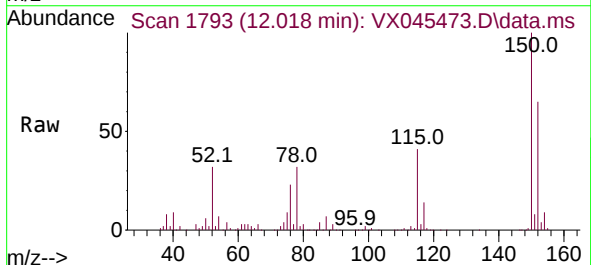
Instrument :
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VX0327WBL01

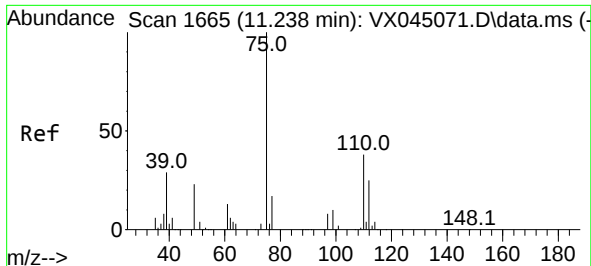
Tgt Ion:117 Resp: 118224
Ion Ratio Lower Upper
117 100
82 61.7 46.3 69.5
119 31.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045473.D
Acq: 27 Mar 2025 12:45

Tgt Ion:152 Resp: 51072
Ion Ratio Lower Upper
152 100
115 62.6 44.2 132.6
150 154.4 0.0 349.0

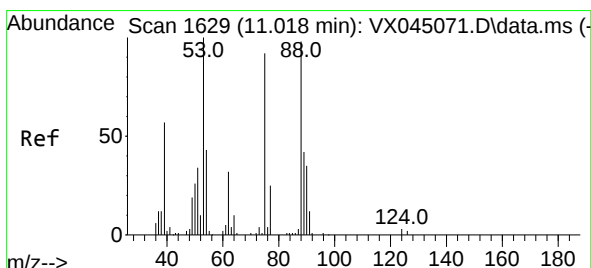
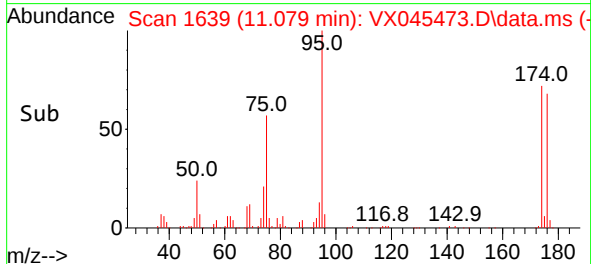
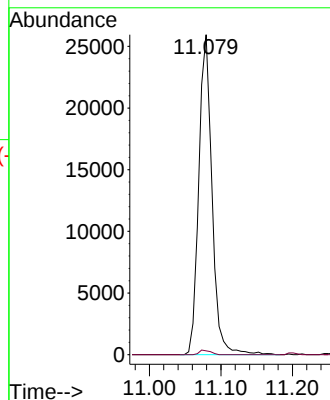
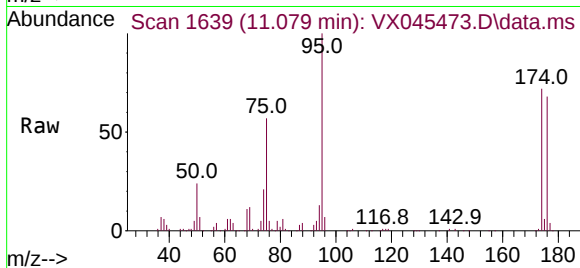




#76
1,2,3-Trichloropropane
Concen: 28.020 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045473.D
Acq: 27 Mar 2025 12:45

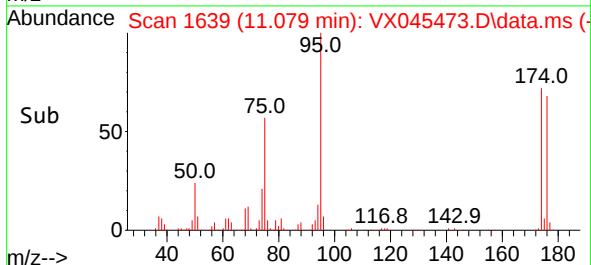
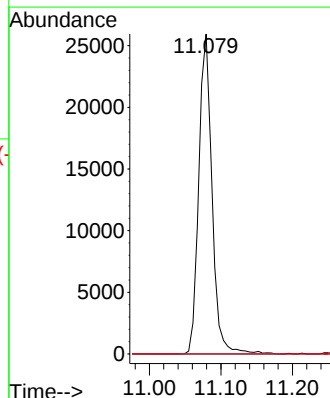
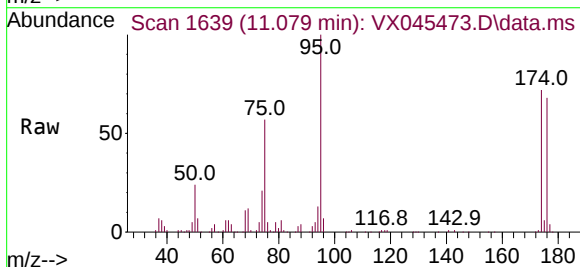
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBL01

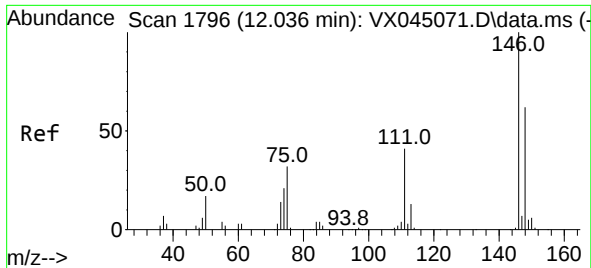
Tgt Ion: 75 Resp: 33307
Ion Ratio Lower Upper
75 100
77 1.2 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.888 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045473.D
Acq: 27 Mar 2025 12:45

Tgt Ion: 75 Resp: 33307
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

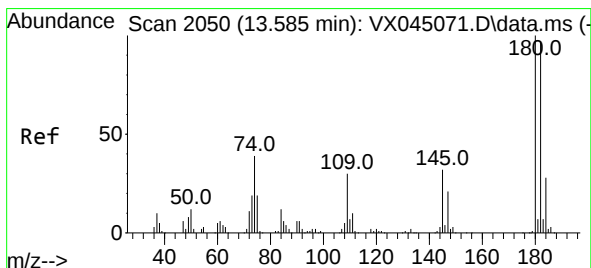
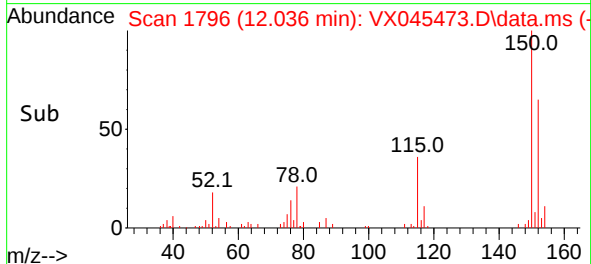
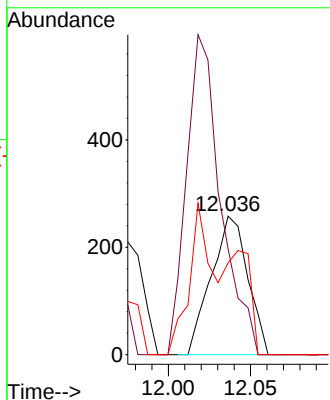
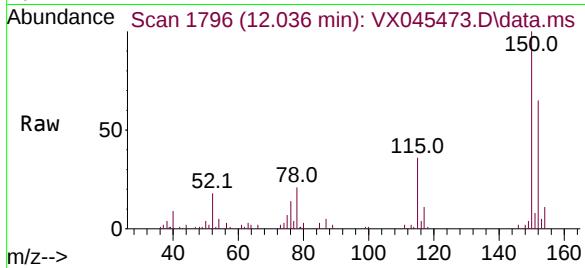




#88
1,4-Dichlorobenzene
Concen: 0.235 ug/l
RT: 12.036 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045473.D
Acq: 27 Mar 2025 12:45

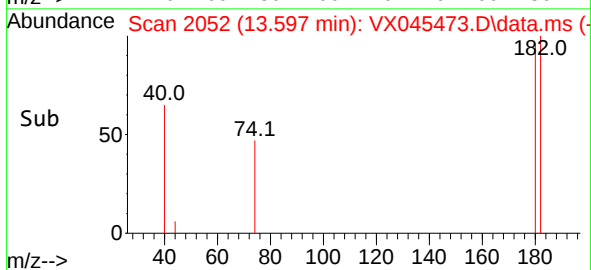
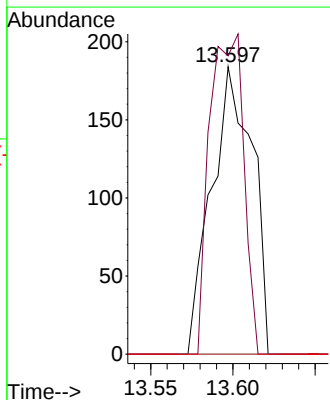
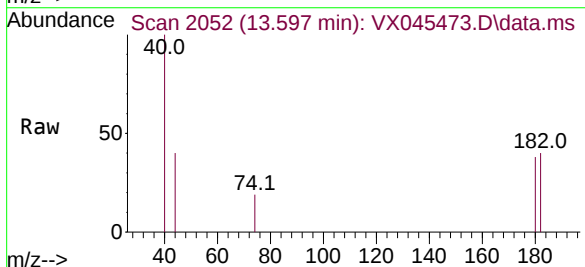
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBL01

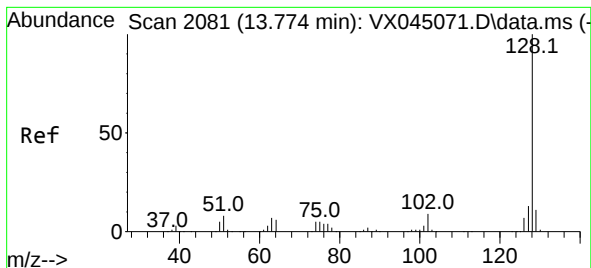
Tgt Ion:146 Resp: 399
Ion Ratio Lower Upper
146 100
111 0.0 20.2 60.5#
148 50.6 31.9 95.9



#93
1,2,4-Trichlorobenzene
Concen: 0.333 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX045473.D
Acq: 27 Mar 2025 12:45

Tgt Ion:180 Resp: 319
Ion Ratio Lower Upper
180 100
182 92.5 47.3 141.9
145 0.0 16.3 48.9#





#95

Naphthalene

Concen: 0.516 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX045473.D

Acq: 27 Mar 2025 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBL01

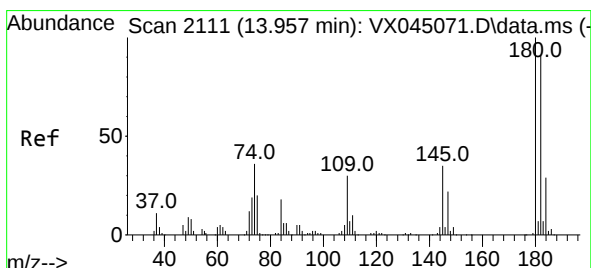
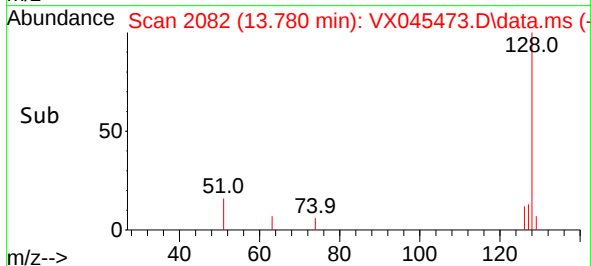
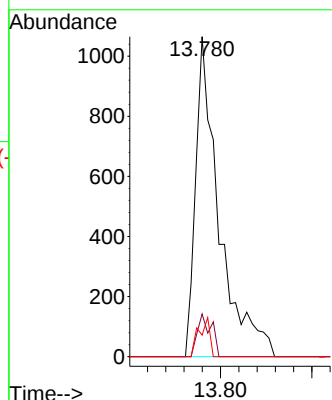
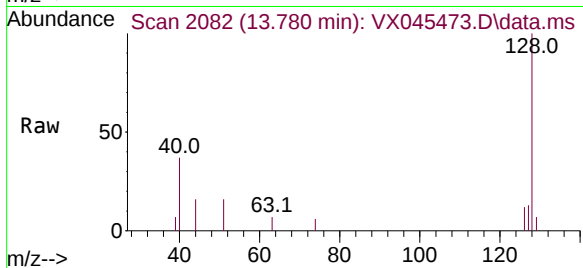
Tgt Ion:128 Resp: 1899

Ion Ratio Lower Upper

128 100

127 7.9 10.3 15.5#

129 5.7 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.357 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX045473.D

Acq: 27 Mar 2025 12:45

Tgt Ion:180 Resp: 361

Ion Ratio Lower Upper

180 100

182 92.0 47.5 142.6

145 27.1 17.0 50.9

