

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
 Data File : VX045129.D
 Acq On : 05 Mar 2025 10:03
 Operator : JC/MD
 Sample : VX0305WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 05 10:30:29 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)

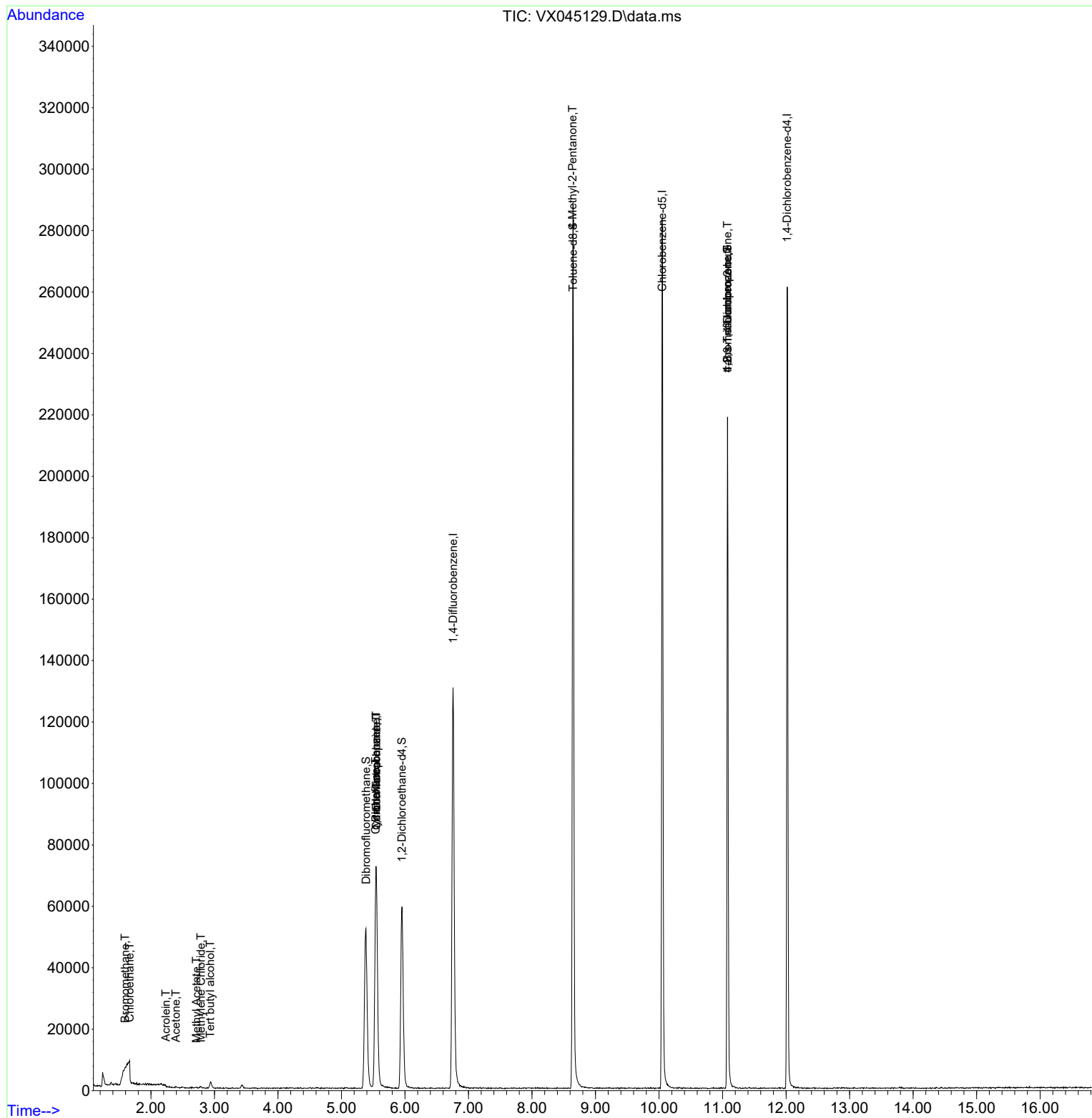
Internal Standards						
1) Pentafluorobenzene	5.544	168	68143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136785	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50961	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57117	52.70	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.40%			
35) Dibromofluoromethane	5.385	113	46625	50.98	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.96%			
50) Toluene-d8	8.647	98	169234	51.04	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.08%			
62) 4-Bromofluorobenzene	11.079	95	56568	51.48	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.96%			
Target Compounds						
						Qvalue
5) Bromomethane	1.593	94	142	0.35	ug/l	95
6) Chloroethane	1.666	64	144	0.30	ug/l #	41
11) Tert butyl alcohol	2.934	59	1185	5.77	ug/l #	73
13) Acrolein	2.233	56	65	0.27	ug/l #	15
16) Acetone	2.392	43	221	0.44	ug/l #	66
18) Methyl Acetate	2.715	43	326	0.27	ug/l #	54
20) Methylene Chloride	2.788	84	264	0.27	ug/l #	54
31) Cyclohexane	5.538	56	1670	1.13	ug/l #	8
36) 1,1-Dichloropropene	5.550	75	6027	4.80	ug/l #	49
38) Carbon Tetrachloride	5.550	117	7183	5.64	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	927	0.58	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	30458	25.68	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	30458	87.88	ug/l #	6

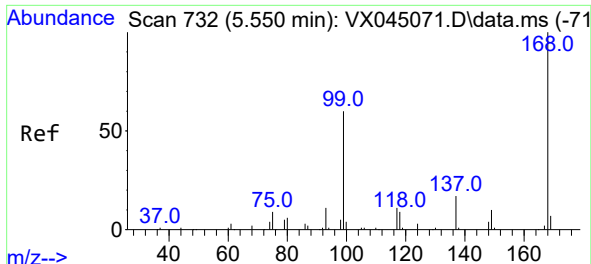
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 05 10:30:29 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

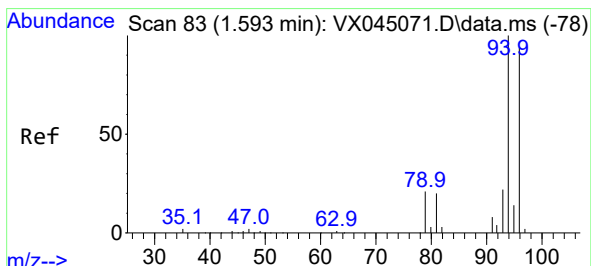
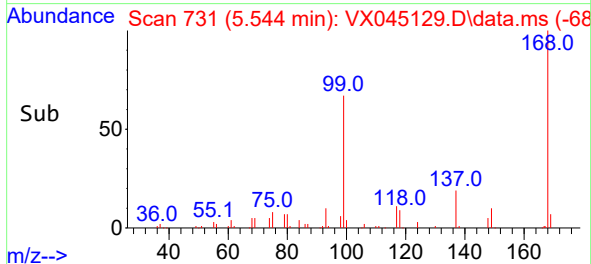
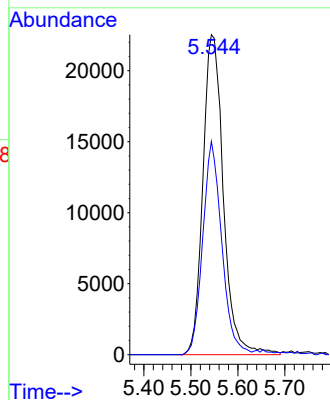
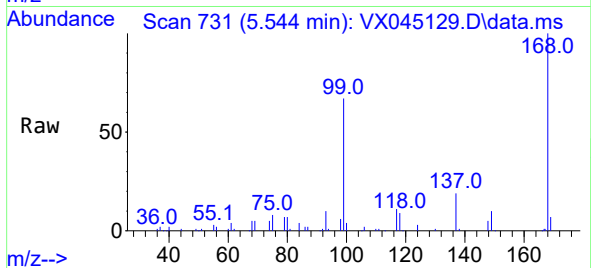




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045129.D
Acq: 05 Mar 2025 10:03

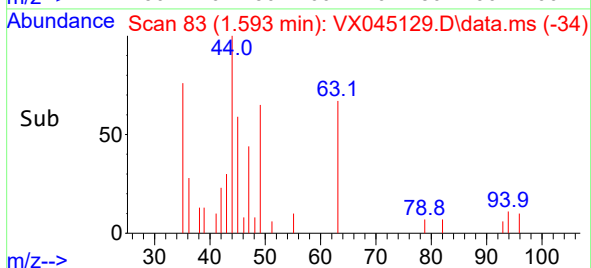
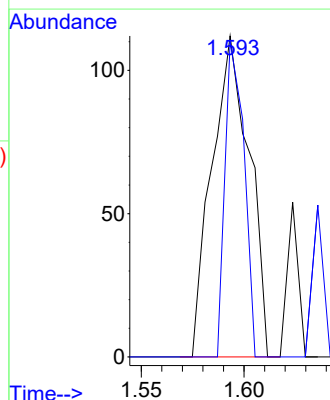
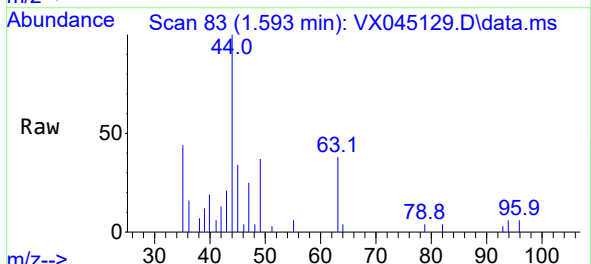
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 68143
Ion Ratio Lower Upper
168 100
99 66.6 48.2 72.4

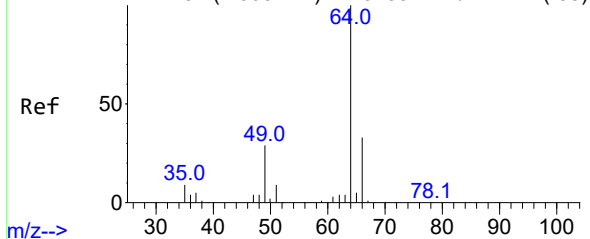


#5
Bromomethane
Concen: 0.35 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX045129.D
Acq: 05 Mar 2025 10:03

Tgt Ion: 94 Resp: 142
Ion Ratio Lower Upper
94 100
96 98.2 75.0 112.4



Abundance Scan 94 (1.660 min): VX045071.D\data.ms (-88)



#6

Chloroethane

Concen: 0.30 ug/l

RT: 1.666 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX045129.D

Acq: 05 Mar 2025 10:03

Instrument :

MSVOA_X

ClientSampleId :

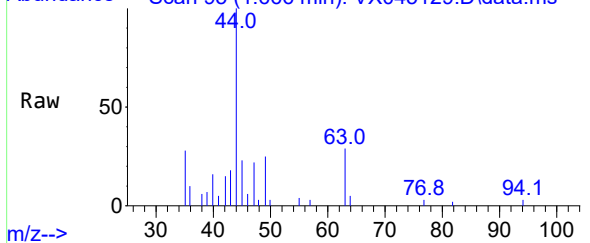
Tgt Ion: 64 Resp: 144

Ion Ratio Lower Upper

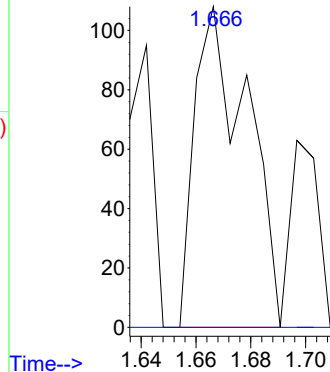
64 100

66 0.0 26.7 40.1#

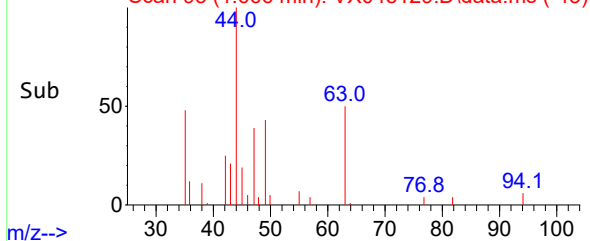
Abundance Scan 95 (1.666 min): VX045129.D\data.ms



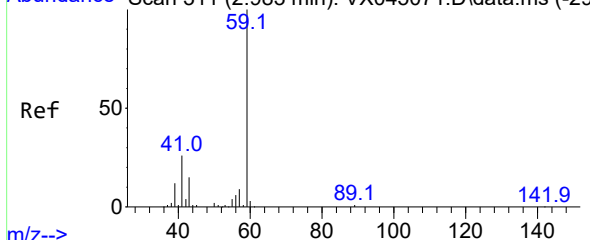
Abundance



Abundance Scan 95 (1.666 min): VX045129.D\data.ms (-45)



Abundance Scan 311 (2.983 min): VX045071.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: 5.77 ug/l

RT: 2.934 min Scan# 303

Delta R.T. -0.049 min

Lab File: VX045129.D

Acq: 05 Mar 2025 10:03

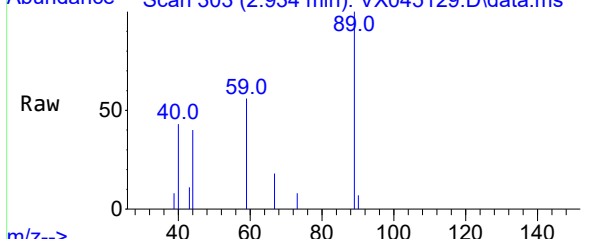
Tgt Ion: 59 Resp: 1185

Ion Ratio Lower Upper

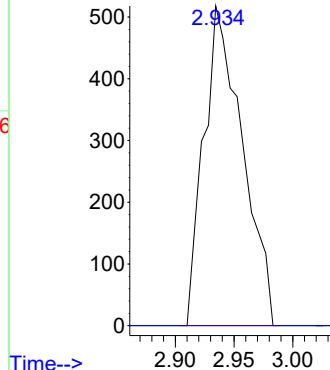
59 100

57 0.0 7.8 11.8#

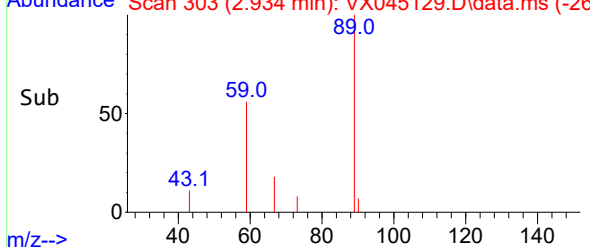
Abundance Scan 303 (2.934 min): VX045129.D\data.ms

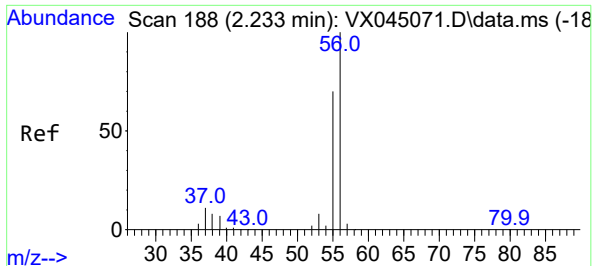


Abundance



Abundance Scan 303 (2.934 min): VX045129.D\data.ms (-26)

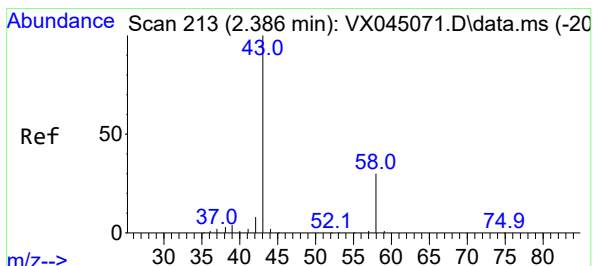
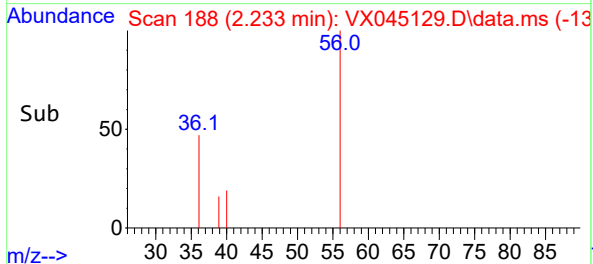
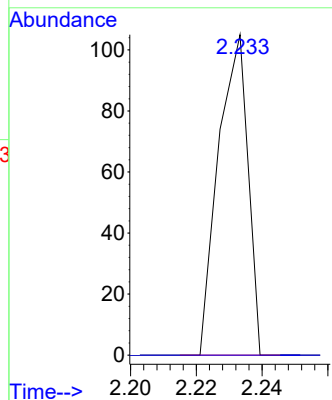
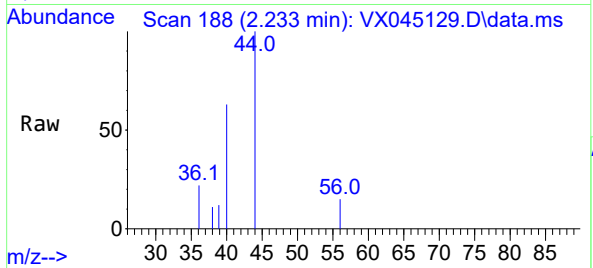




#13
Acrolein
Concen: 0.27 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045129.D
Acq: 05 Mar 2025 10:03

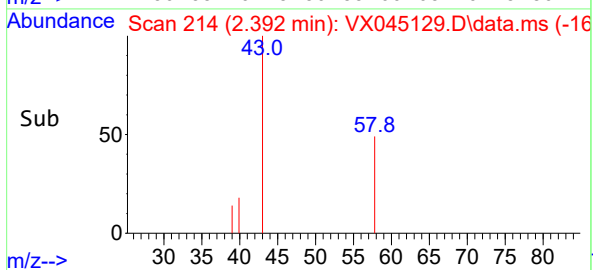
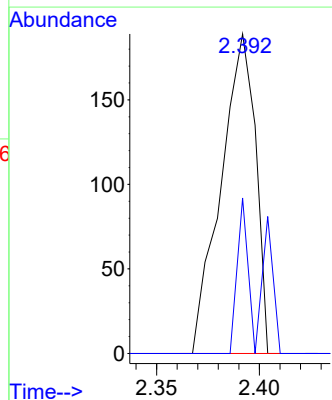
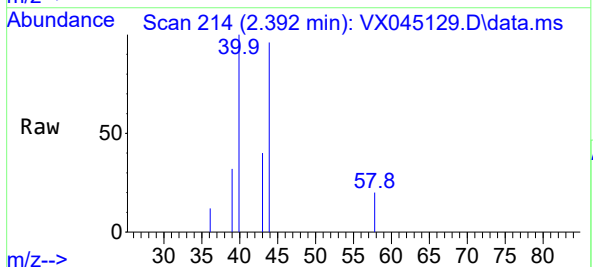
Instrument :
MSVOA_X
ClientSampleId :

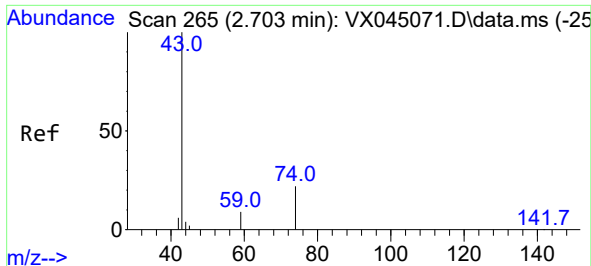
Tgt Ion: 56 Resp: 65
Ion Ratio Lower Upper
56 100
55 0.0 56.2 84.4#



#16
Acetone
Concen: 0.44 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX045129.D
Acq: 05 Mar 2025 10:03

Tgt Ion: 43 Resp: 221
Ion Ratio Lower Upper
43 100
58 48.7 24.2 36.4#

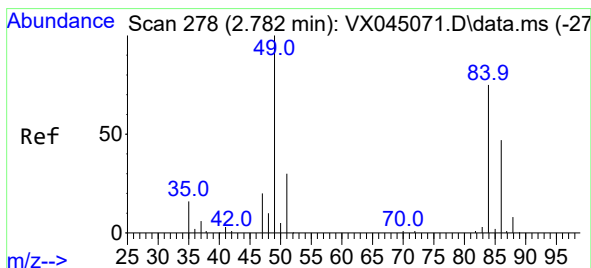
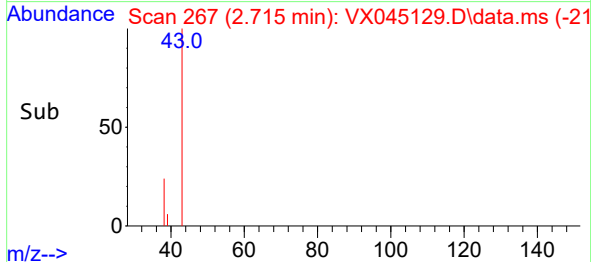
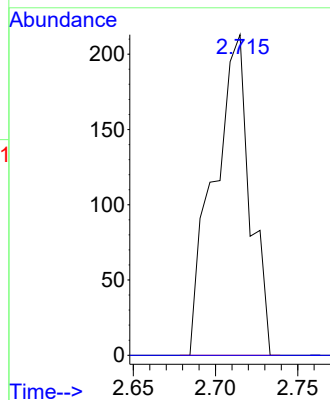
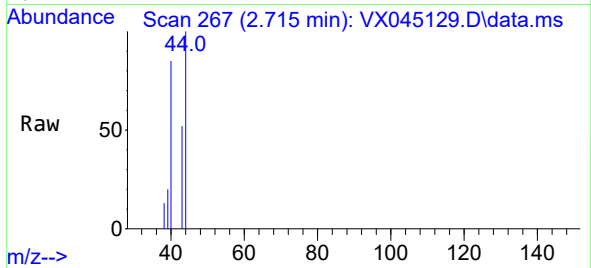




#18
Methyl Acetate
Concen: 0.27 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX045129.D
Acq: 05 Mar 2025 10:03

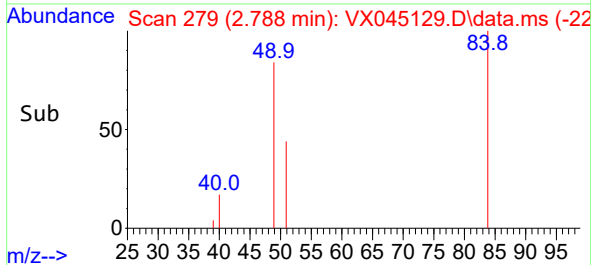
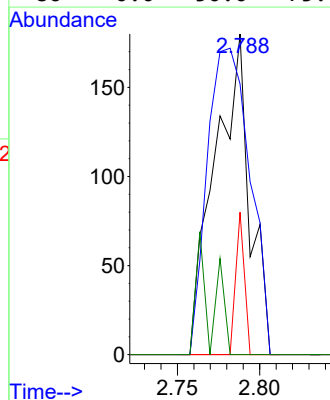
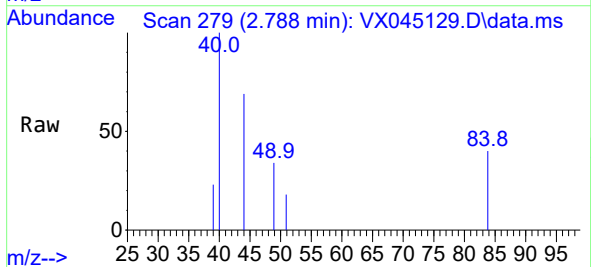
Instrument :
MSVOA_X
ClientSampleId :

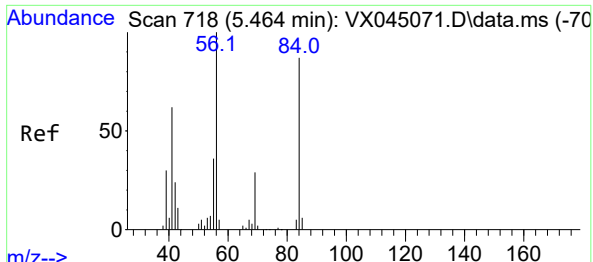
Tgt Ion: 43 Resp: 326
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#



#20
Methylene Chloride
Concen: 0.27 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045129.D
Acq: 05 Mar 2025 10:03

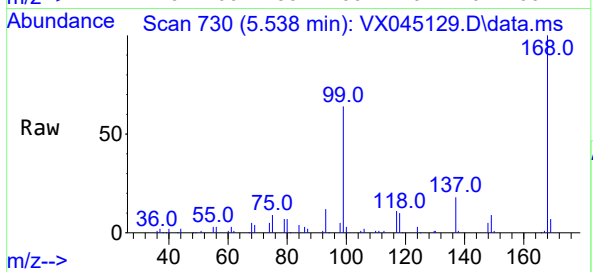
Tgt Ion: 84 Resp: 264
Ion Ratio Lower Upper
84 100
49 84.4 106.5 159.7#
51 44.4 32.1 48.1
86 0.0 50.0 75.0#



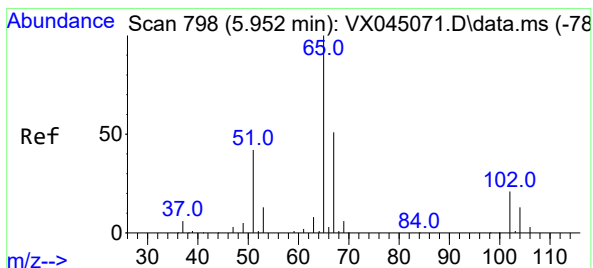
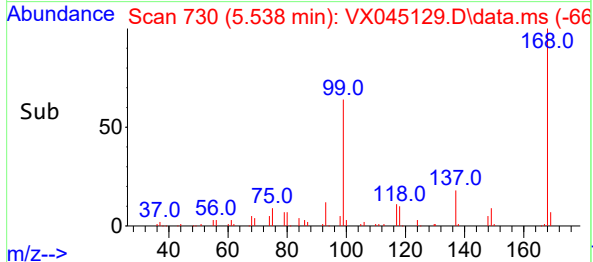
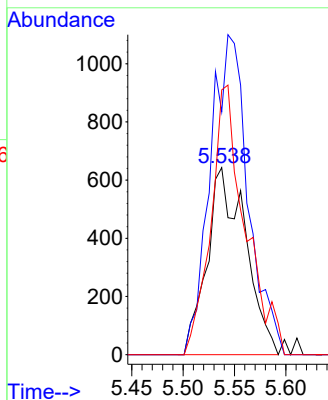


#31
Cyclohexane
Concen: 1.13 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX045129.D
Acq: 05 Mar 2025 10:03

Instrument :
MSVOA_X
ClientSampleId :

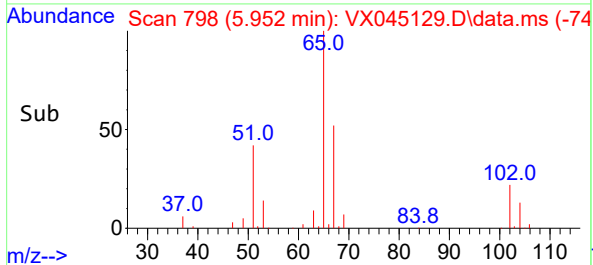
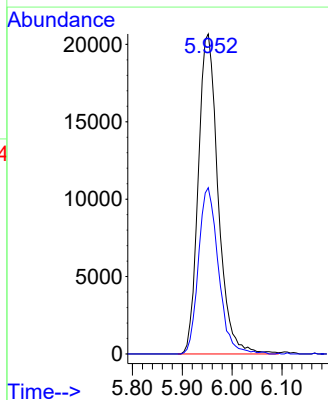
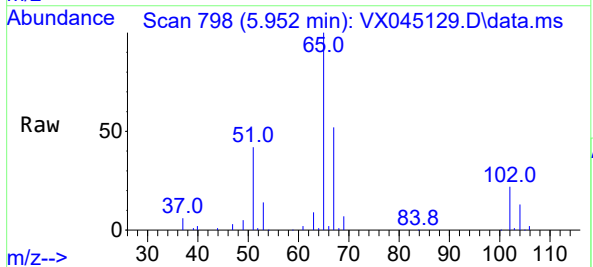


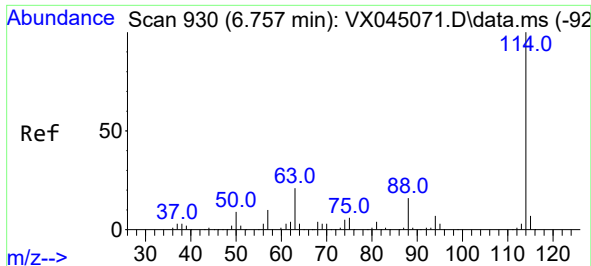
Tgt Ion: 56 Resp: 1670
Ion Ratio Lower Upper
56 100
69 129.9 23.4 35.2#
84 141.5 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 52.70 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045129.D
Acq: 05 Mar 2025 10:03

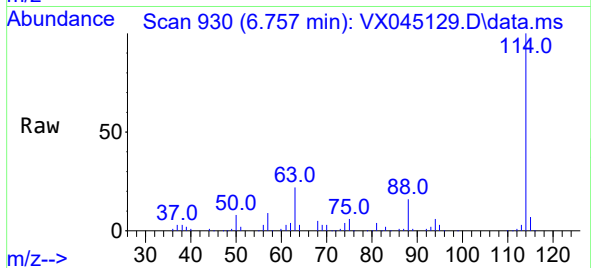
Tgt Ion: 65 Resp: 57117
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.2



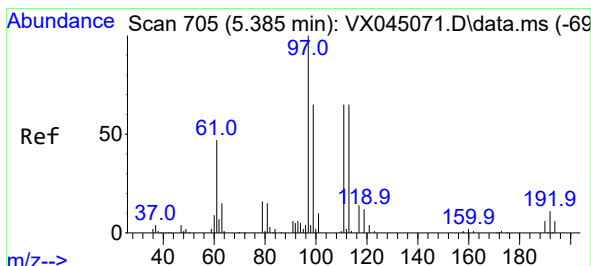
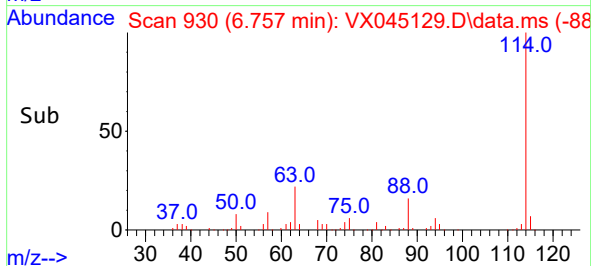
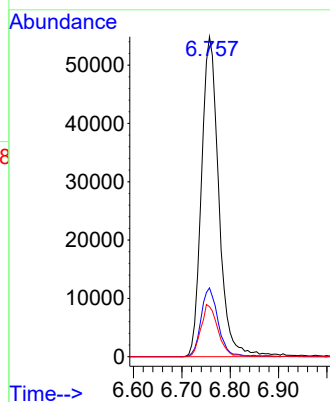


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045129.D
Acq: 05 Mar 2025 10:03

Instrument :
MSVOA_X
ClientSampleId :

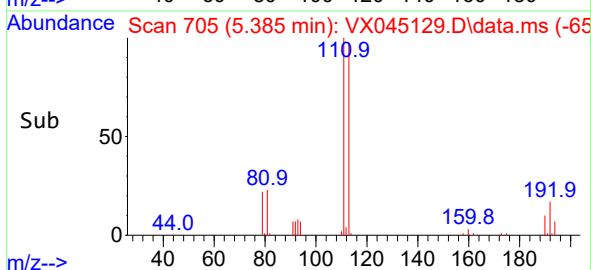
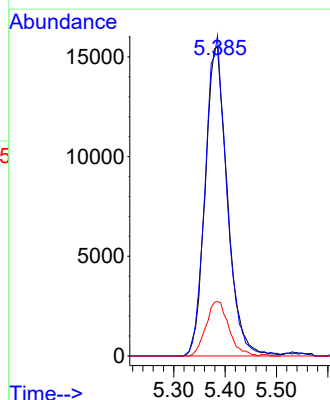
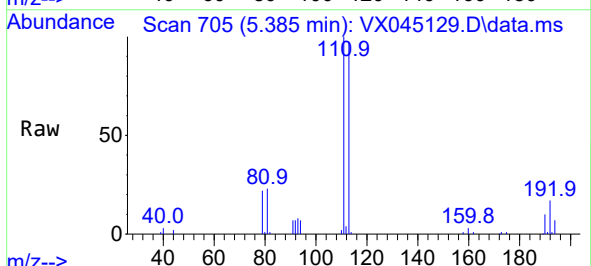


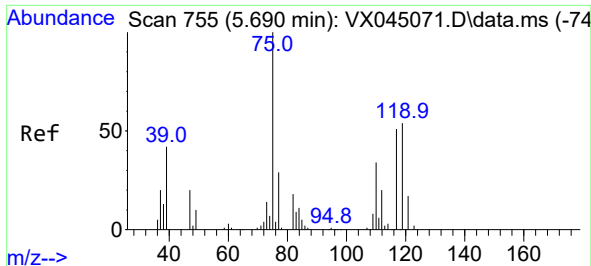
Tgt Ion:114 Resp: 136785
Ion Ratio Lower Upper
114 100
63 21.5 0.0 41.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.98 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045129.D
Acq: 05 Mar 2025 10:03

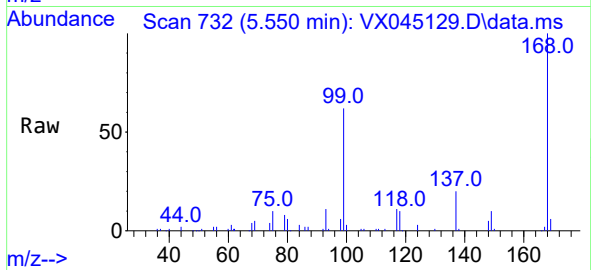
Tgt Ion:113 Resp: 46625
Ion Ratio Lower Upper
113 100
111 100.8 81.8 122.6
192 18.1 14.3 21.5



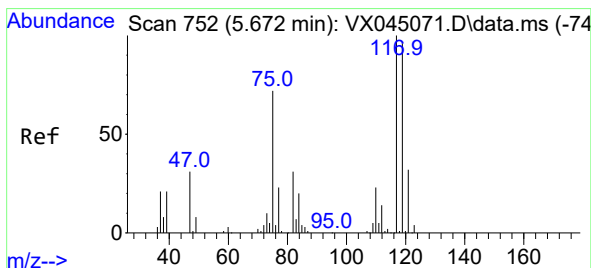
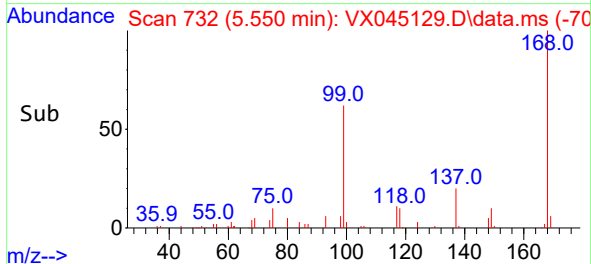
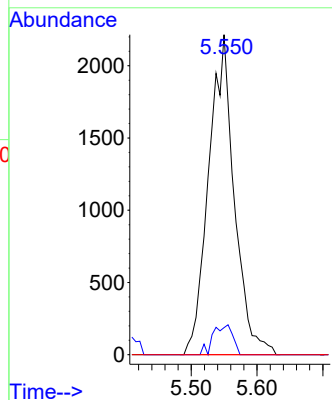


#36
1,1-Dichloropropene
Concen: 4.80 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX045129.D
Acq: 05 Mar 2025 10:03

Instrument :
MSVOA_X
ClientSampleId :

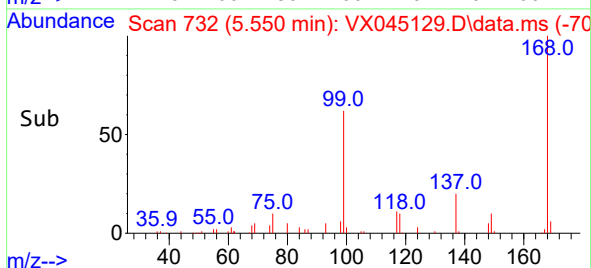
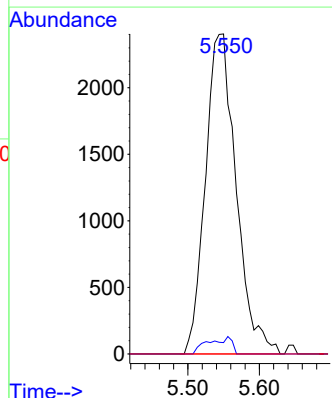
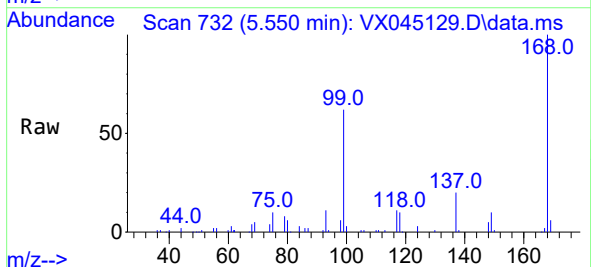


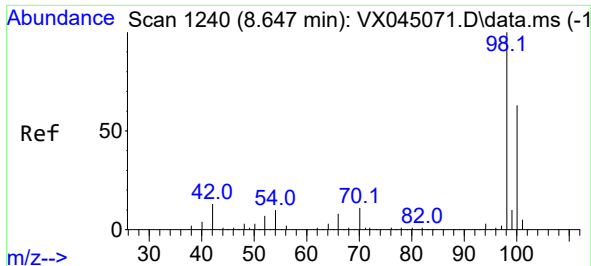
Tgt Ion: 75 Resp: 6027
Ion Ratio Lower Upper
75 100
110 7.2 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.64 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX045129.D
Acq: 05 Mar 2025 10:03

Tgt Ion: 117 Resp: 7183
Ion Ratio Lower Upper
117 100
119 3.6 76.7 115.1#
121 0.0 25.5 38.3#

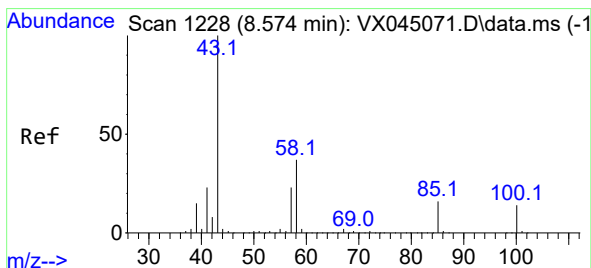
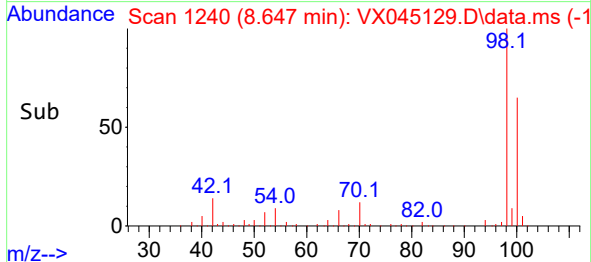
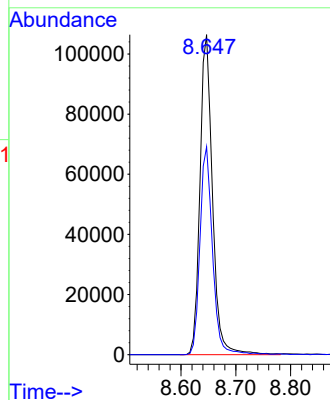
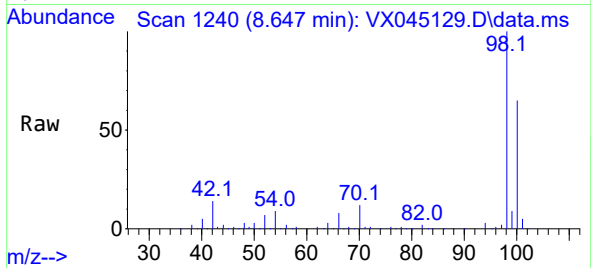




#50
Toluene-d8
Concen: 51.04 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045129.D
Acq: 05 Mar 2025 10:03

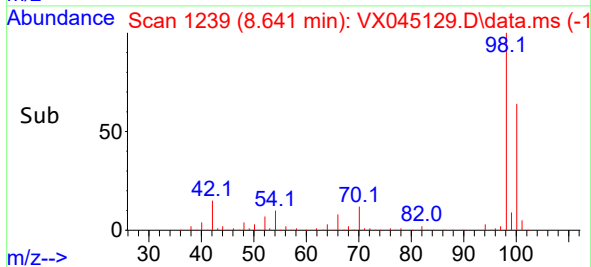
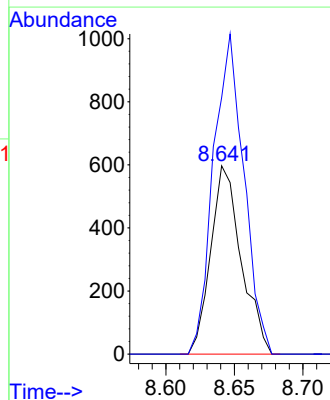
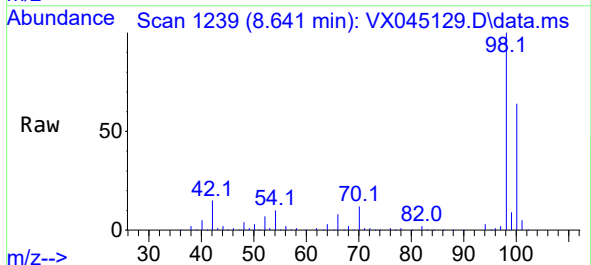
Instrument :
MSVOA_X
ClientSampleId :

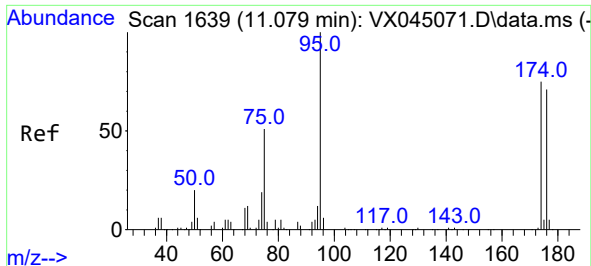
Tgt Ion: 98 Resp: 169234
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.58 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045129.D
Acq: 05 Mar 2025 10:03

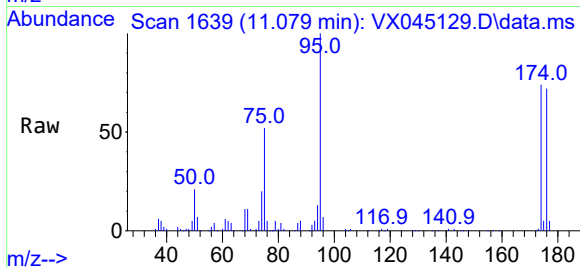
Tgt Ion: 43 Resp: 927
Ion Ratio Lower Upper
43 100
58 169.5 29.2 43.8#



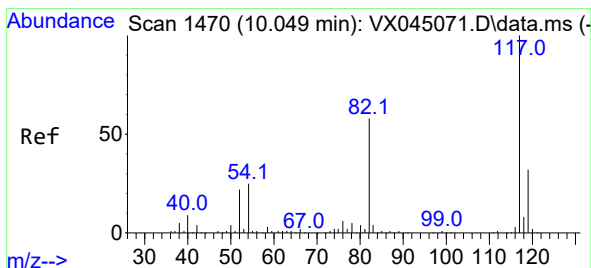
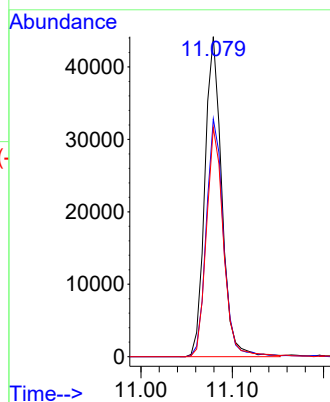
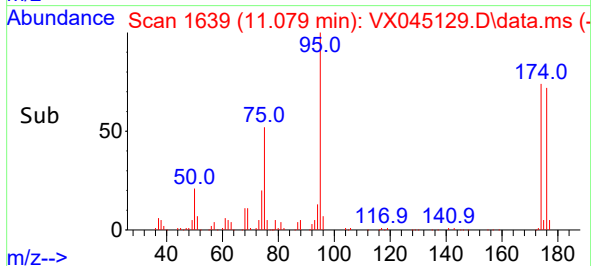


#62
4-Bromofluorobenzene
Concen: 51.48 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045129.D
Acq: 05 Mar 2025 10:03

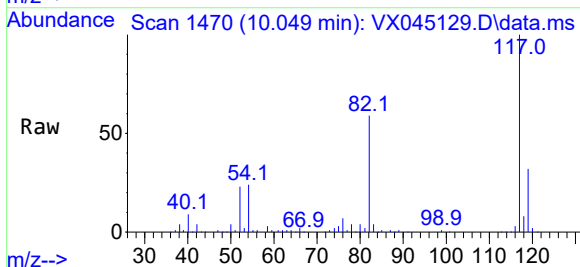
Instrument :
MSVOA_X
ClientSampleId :



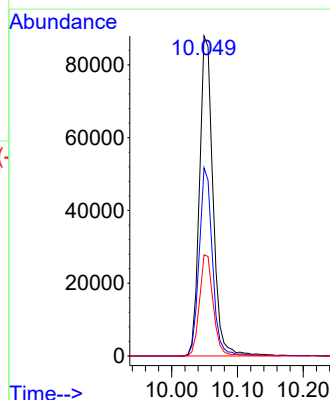
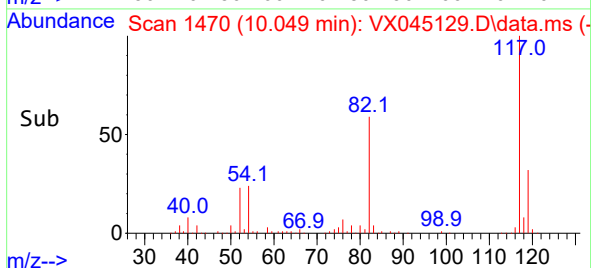
Tgt Ion: 95 Resp: 56568
Ion Ratio Lower Upper
95 100
174 75.6 0.0 148.2
176 72.4 0.0 141.4

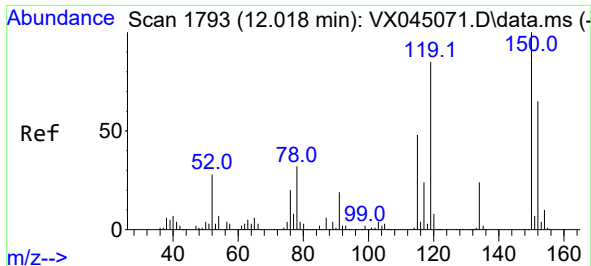


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045129.D
Acq: 05 Mar 2025 10:03



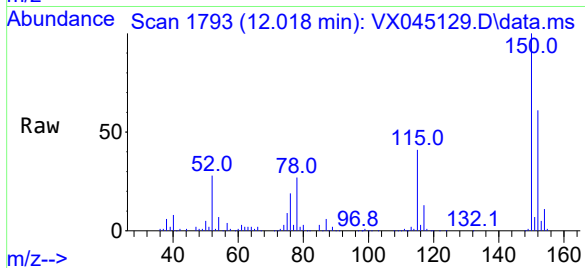
Tgt Ion: 117 Resp: 125445
Ion Ratio Lower Upper
117 100
82 58.8 46.3 69.5
119 31.6 25.7 38.5



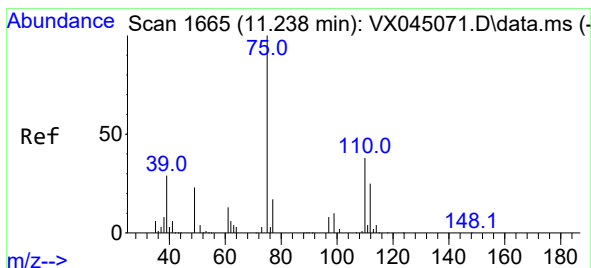
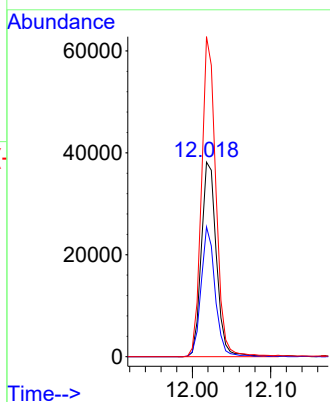
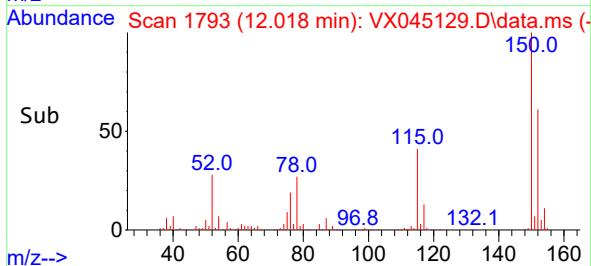


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045129.D
Acq: 05 Mar 2025 10:03

Instrument :
MSVOA_X
ClientSampleId :

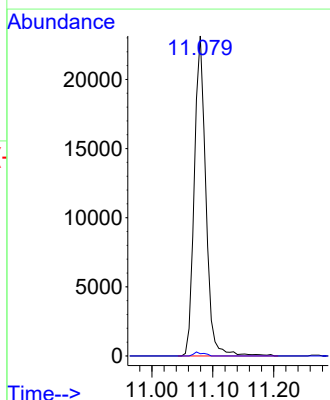
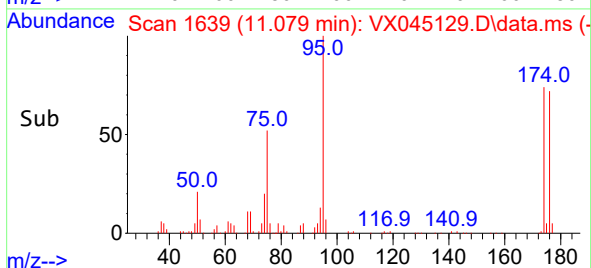
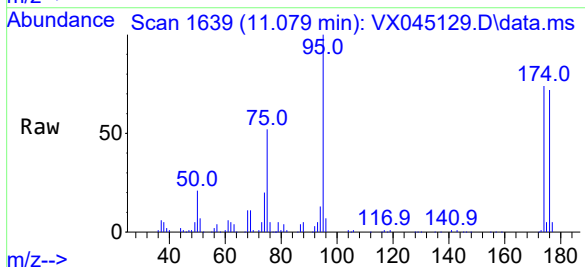


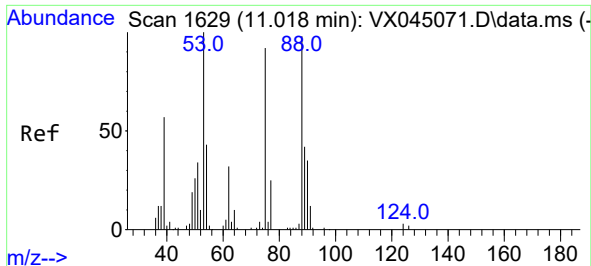
Tgt Ion:152 Resp: 50961
Ion Ratio Lower Upper
152 100
115 62.2 44.2 132.6
150 158.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.68 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045129.D
Acq: 05 Mar 2025 10:03

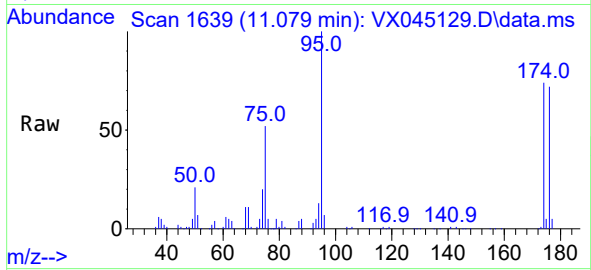
Tgt Ion: 75 Resp: 30458
Ion Ratio Lower Upper
75 100
77 1.0 20.7 62.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 87.88 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045129.D
Acq: 05 Mar 2025 10:03

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 30458
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

