

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
 Data File : VX044953.D
 Acq On : 14 Feb 2025 12:02
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 14 12:29:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

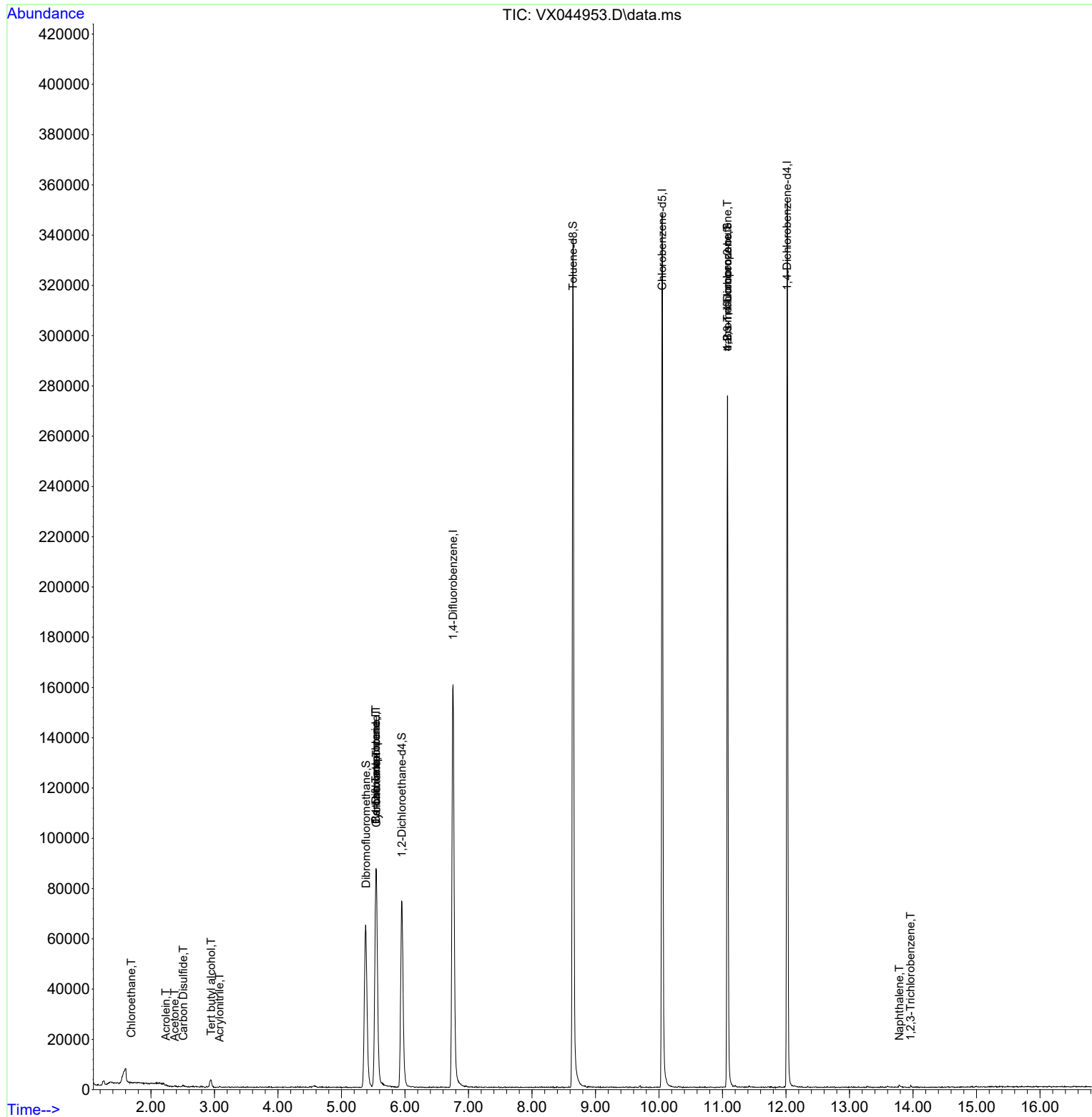
Internal Standards						
1) Pentafluorobenzene	5.544	168	83858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	173664	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	155977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68592	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68818	56.06	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.12%			
35) Dibromofluoromethane	5.385	113	57918	51.30	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.60%			
50) Toluene-d8	8.647	98	213938	50.11	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.22%			
62) 4-Bromofluorobenzene	11.079	95	73543	51.09	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.18%			
Target Compounds					Qvalue	
6) Chloroethane	1.691	64	63	1.44	ug/l #	42
11) Tert butyl alcohol	2.947	59	1834	8.05	ug/l #	73
13) Acrolein	2.233	56	132	0.56	ug/l #	76
15) Acrylonitrile	3.081	53	133	0.22	ug/l #	18
16) Acetone	2.374	43	406	0.82	ug/l #	42
17) Carbon Disulfide	2.508	76	759	0.26	ug/l #	76
31) Cyclohexane	5.550	56	2235	1.17	ug/l #	28
36) 1,1-Dichloropropene	5.544	75	7376	4.53	ug/l #	50
38) Carbon Tetrachloride	5.544	117	9049	5.67	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	39347	25.87	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	39347	66.55	ug/l #	11
95) Naphthalene	13.786	128	1257	0.25	ug/l #	76
96) 1,2,3-Trichlorobenzene	13.963	180	311	0.23	ug/l	88

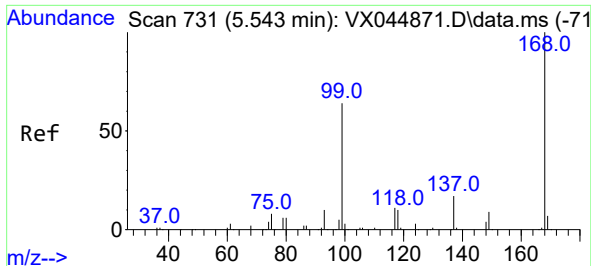
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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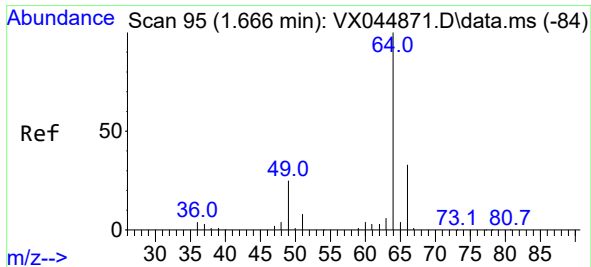
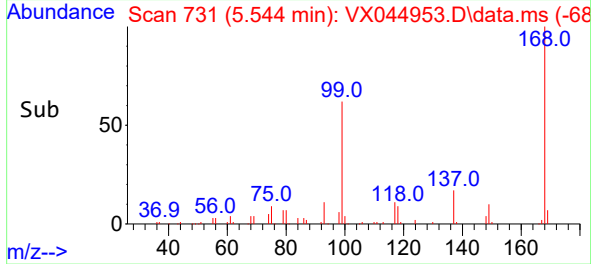
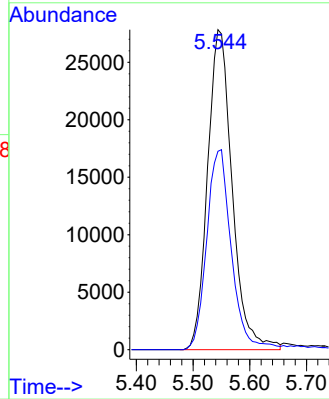
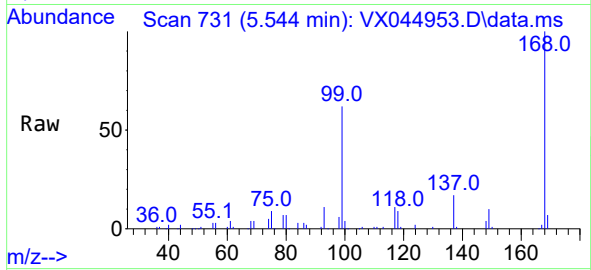




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044953.D
Acq: 14 Feb 2025 12:02

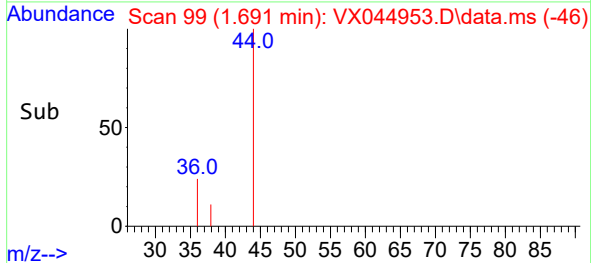
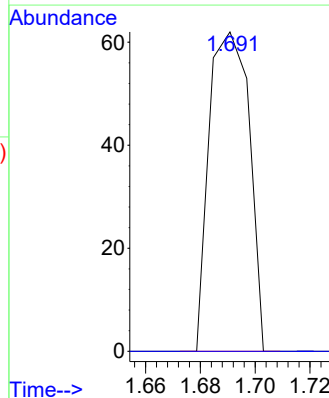
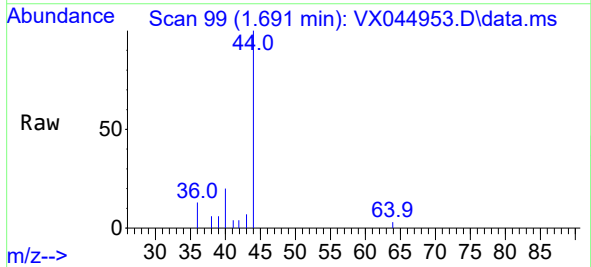
Instrument :
MSVOA_X
ClientSampleId :
IBLK

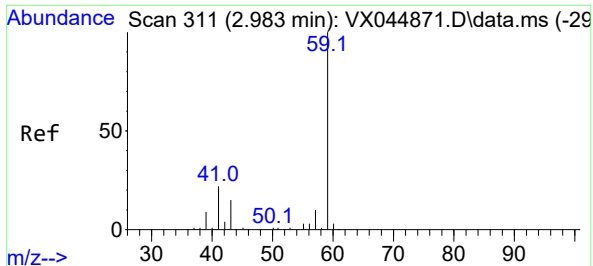
Tgt Ion:168 Resp: 83858
Ion Ratio Lower Upper
168 100
99 62.0 51.2 76.8



#6
Chloroethane
Concen: 1.44 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.025 min
Lab File: VX044953.D
Acq: 14 Feb 2025 12:02

Tgt Ion: 64 Resp: 63
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#

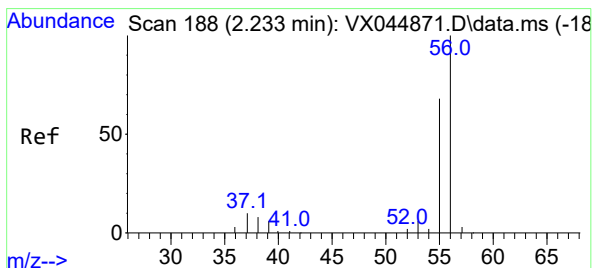
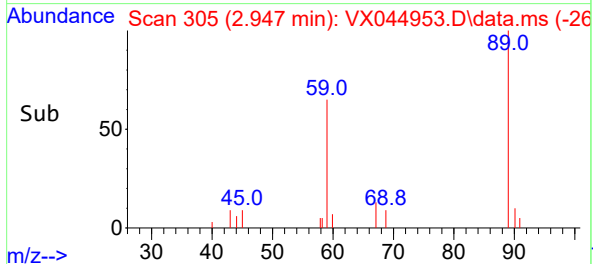
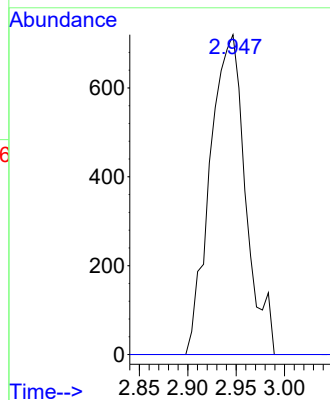
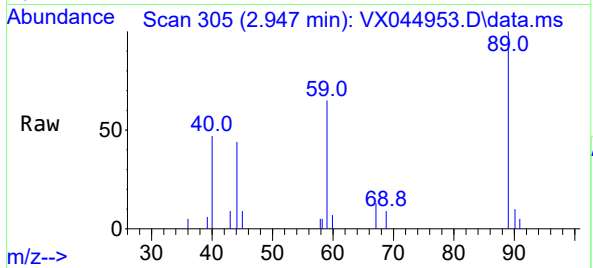




#11
Tert butyl alcohol
Concen: 8.05 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX044953.D
Acq: 14 Feb 2025 12:02

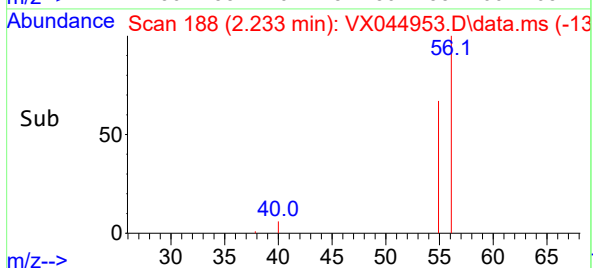
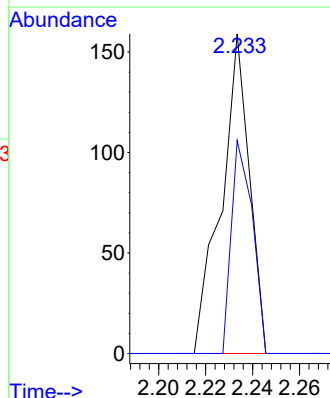
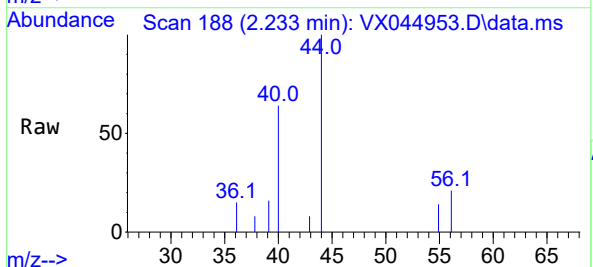
Instrument :
MSVOA_X
ClientSampleId :
IBLK

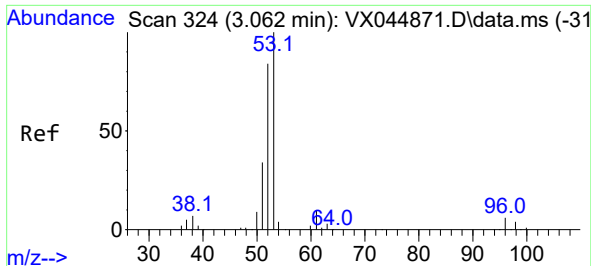
Tgt Ion: 59 Resp: 1834
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#13
Acrolein
Concen: 0.56 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX044953.D
Acq: 14 Feb 2025 12:02

Tgt Ion: 56 Resp: 132
Ion Ratio Lower Upper
56 100
55 50.0 55.7 83.5#

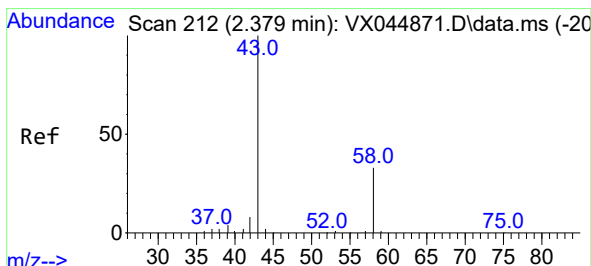
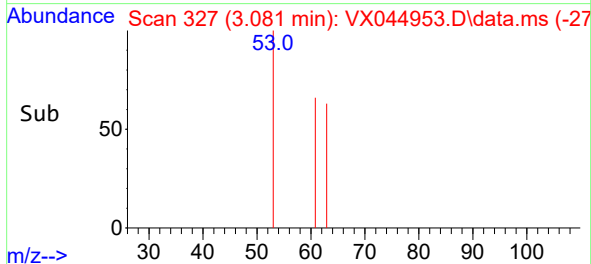
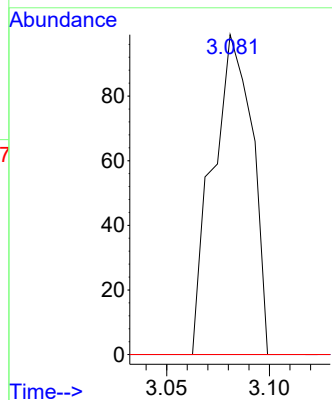
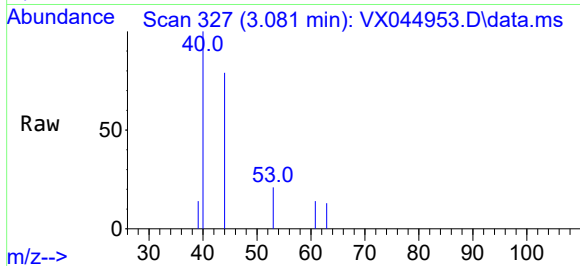




#15
Acrylonitrile
Concen: 0.22 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.019 min
Lab File: VX044953.D
Acq: 14 Feb 2025 12:02

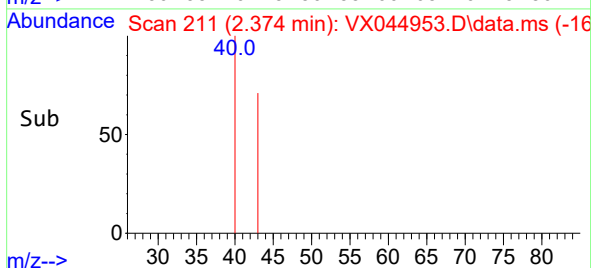
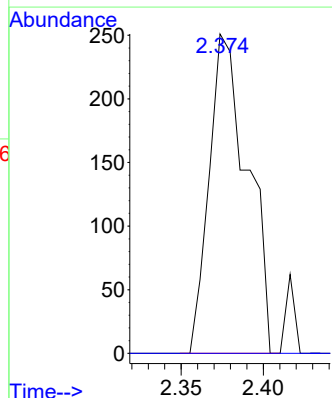
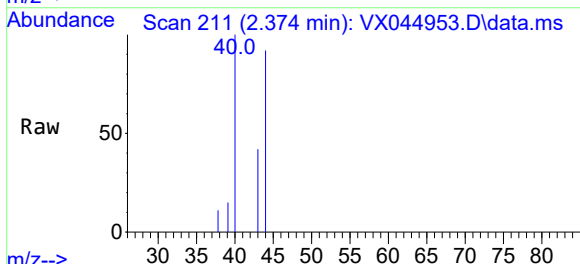
Instrument :
MSVOA_X
ClientSampleId :
IBLK

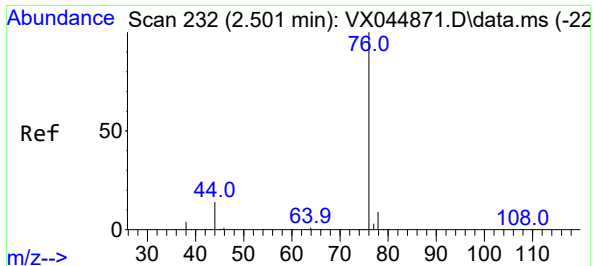
Tgt Ion: 53 Resp: 133
Ion Ratio Lower Upper
53 100
52 0.0 65.0 97.6#
51 0.0 28.0 42.0#



#16
Acetone
Concen: 0.82 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX044953.D
Acq: 14 Feb 2025 12:02

Tgt Ion: 43 Resp: 406
Ion Ratio Lower Upper
43 100
58 0.0 26.5 39.7#

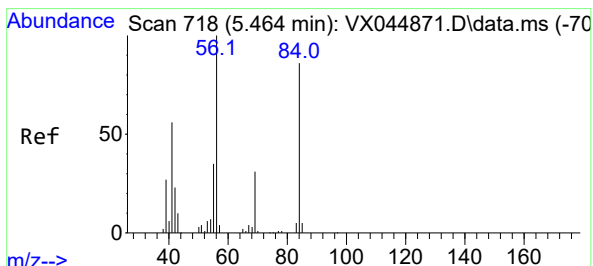
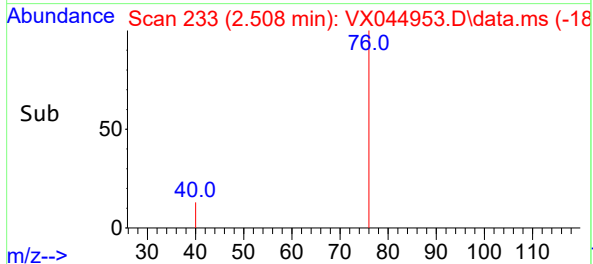
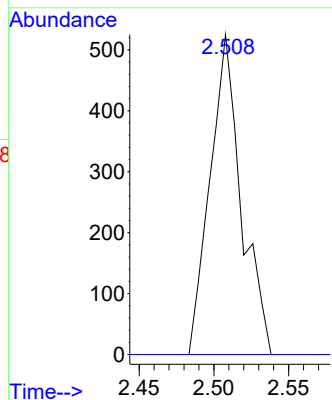
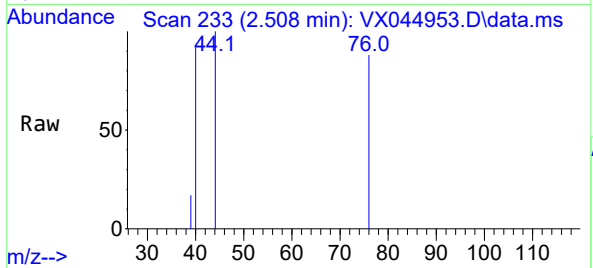




#17
Carbon Disulfide
Concen: 0.26 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX044953.D
Acq: 14 Feb 2025 12:02

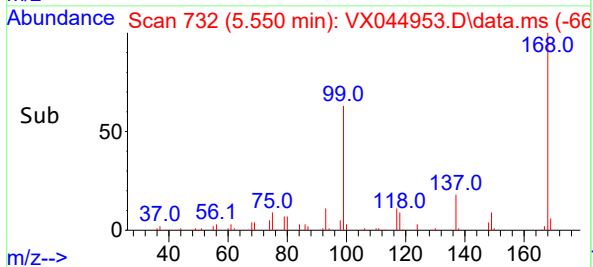
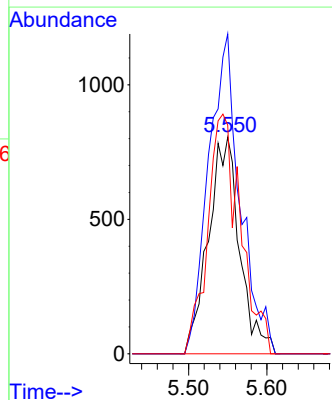
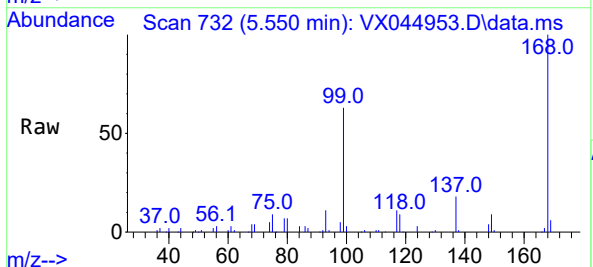
Instrument :
MSVOA_X
ClientSampleId :
IBLK

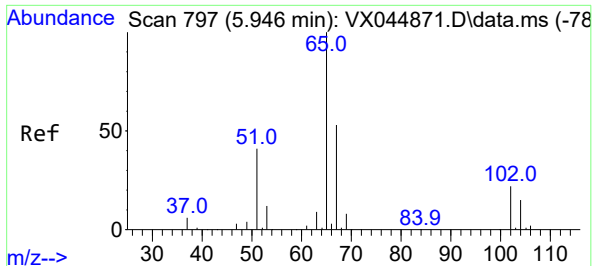
Tgt Ion: 76 Resp: 759
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#31
Cyclohexane
Concen: 1.17 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.086 min
Lab File: VX044953.D
Acq: 14 Feb 2025 12:02

Tgt Ion: 56 Resp: 2235
Ion Ratio Lower Upper
56 100
69 147.7 24.4 36.6#
84 105.6 69.0 103.6#





#33

1,2-Dichloroethane-d4

Concen: 56.06 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.007 min

Lab File: VX044953.D

Acq: 14 Feb 2025 12:02

Instrument :

MSVOA_X

ClientSampleId :

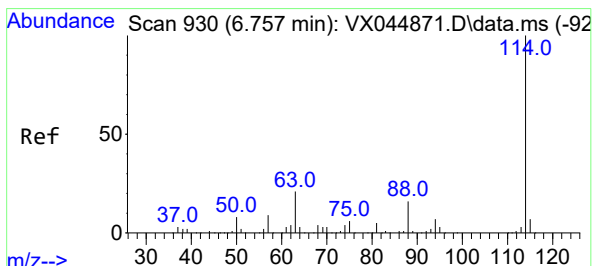
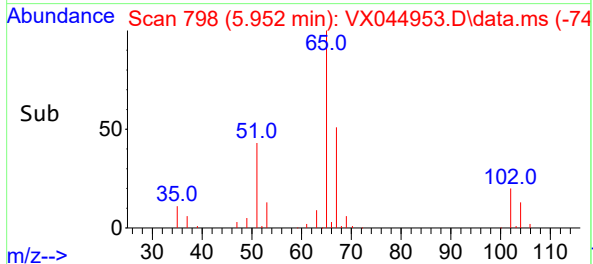
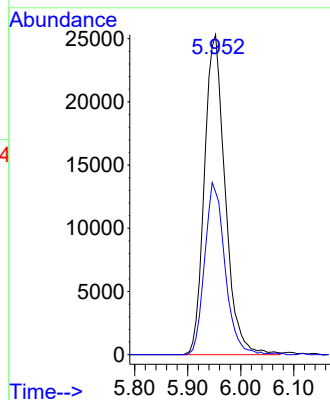
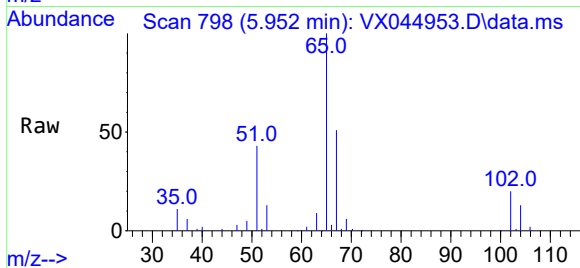
IBLK

Tgt Ion: 65 Resp: 68818

Ion Ratio Lower Upper

65 100

67 52.7 0.0 108.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044953.D

Acq: 14 Feb 2025 12:02

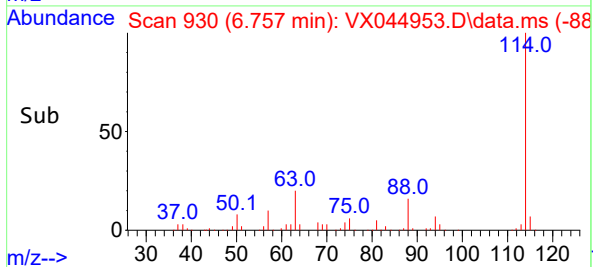
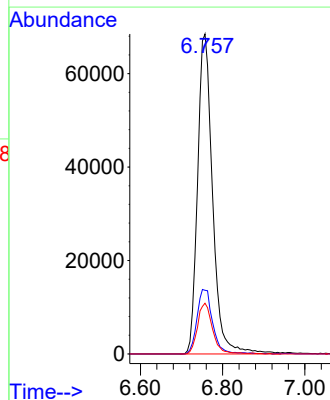
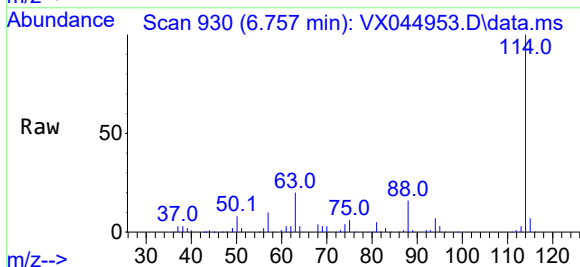
Tgt Ion: 114 Resp: 173664

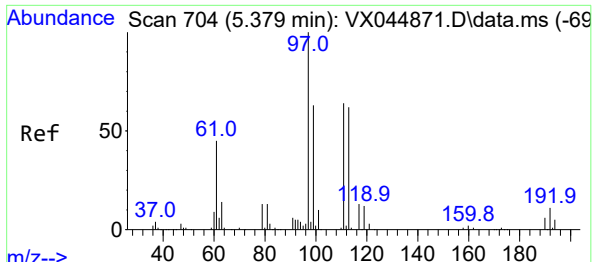
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.8 0.0 31.4

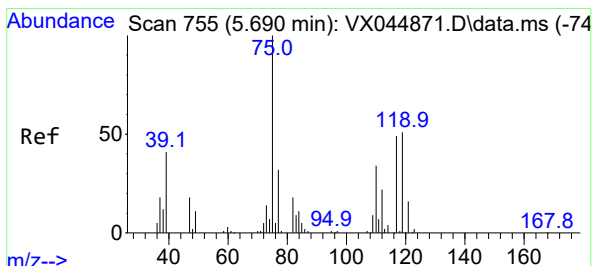
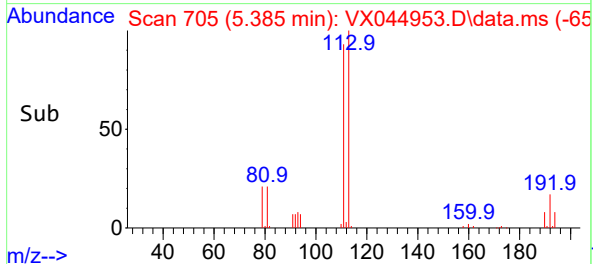
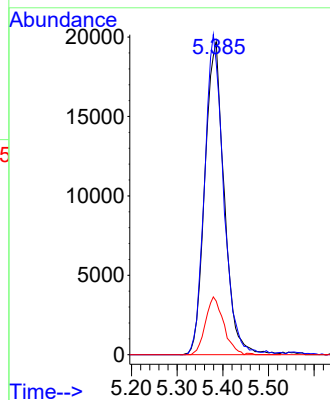
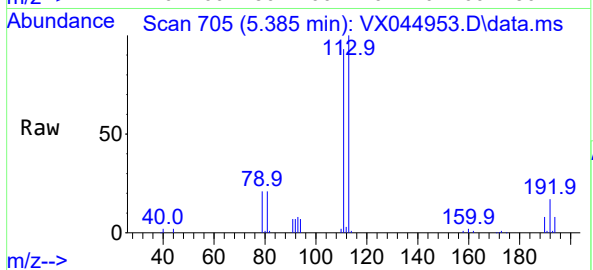




#35
Dibromofluoromethane
Concen: 51.30 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.007 min
Lab File: VX044953.D
Acq: 14 Feb 2025 12:02

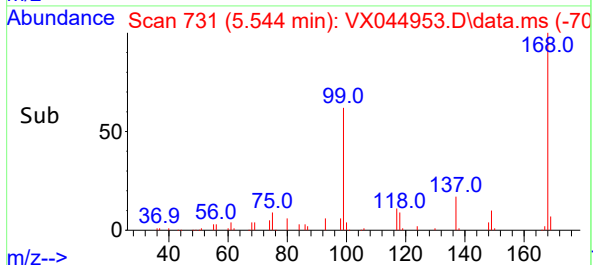
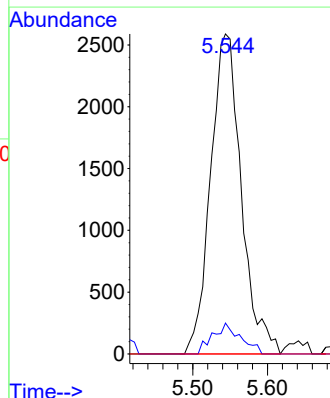
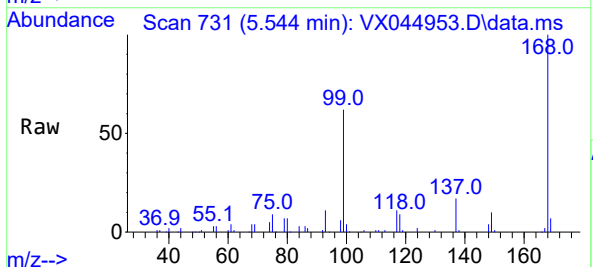
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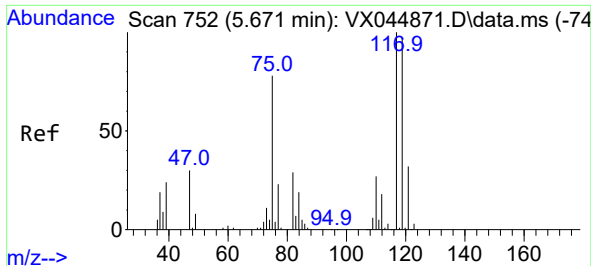
Tgt Ion:113 Resp: 57918
Ion Ratio Lower Upper
113 100
111 100.4 83.5 125.3
192 17.3 14.4 21.6



#36
1,1-Dichloropropene
Concen: 4.53 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX044953.D
Acq: 14 Feb 2025 12:02

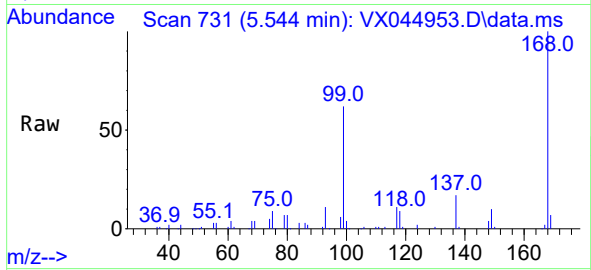
Tgt Ion: 75 Resp: 7376
Ion Ratio Lower Upper
75 100
110 8.7 17.2 51.6#
77 0.0 24.6 37.0#



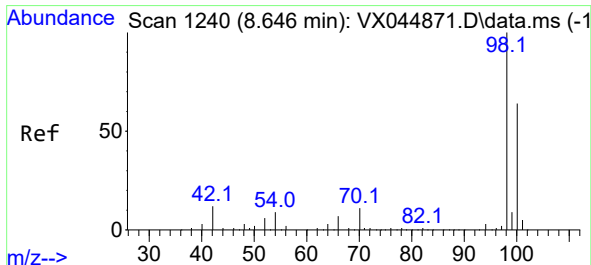
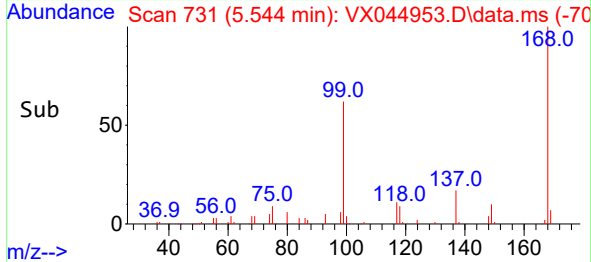
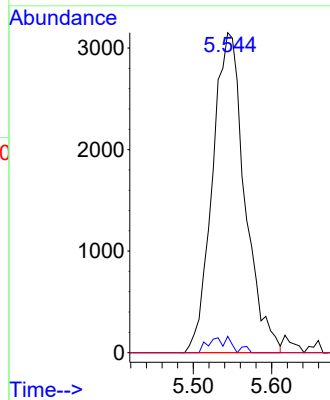


#38
Carbon Tetrachloride
Concen: 5.67 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044953.D
Acq: 14 Feb 2025 12:02

Instrument :
MSVOA_X
ClientSampleId :
IBLK

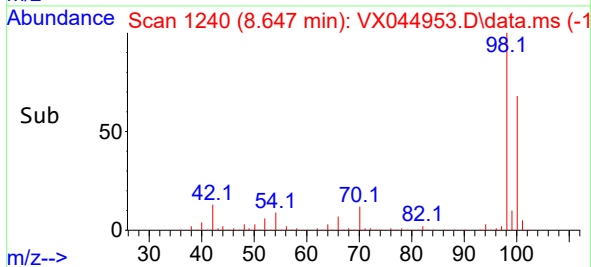
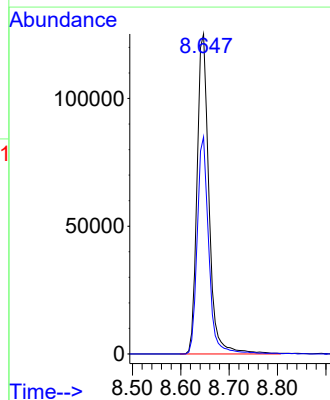
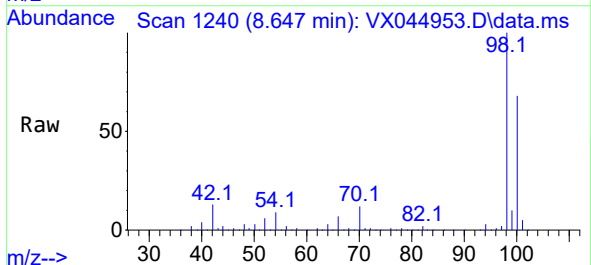


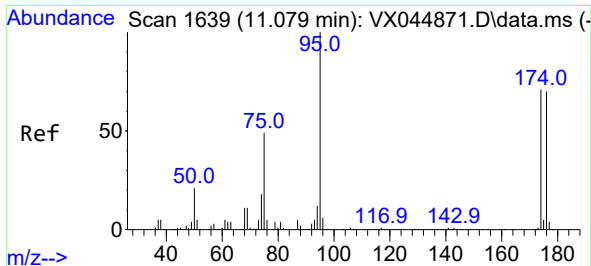
Tgt Ion:117 Resp: 9049
Ion Ratio Lower Upper
117 100
119 5.1 77.5 116.3#
121 0.0 25.6 38.4#



#50
Toluene-d8
Concen: 50.11 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044953.D
Acq: 14 Feb 2025 12:02

Tgt Ion: 98 Resp: 213938
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1

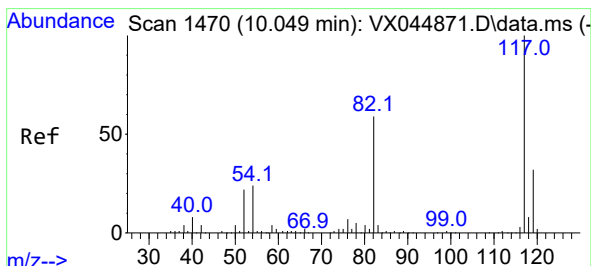
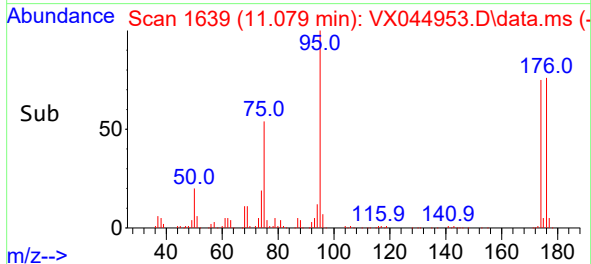
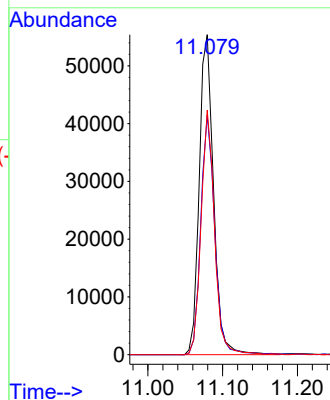
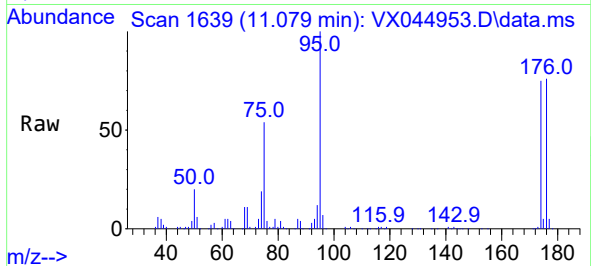




#62
4-Bromofluorobenzene
Concen: 51.09 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044953.D
Acq: 14 Feb 2025 12:02

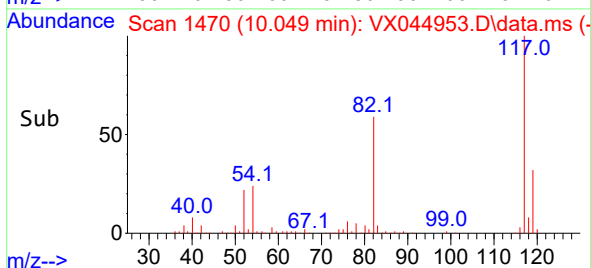
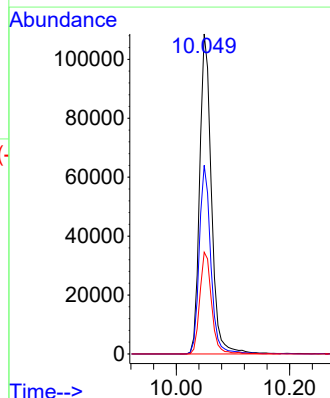
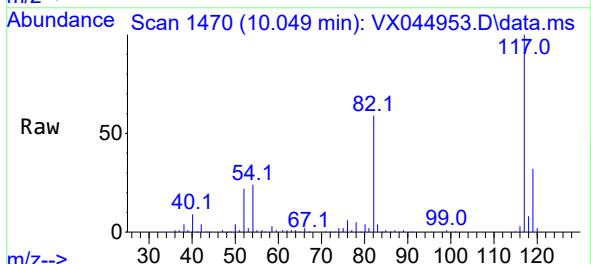
Instrument :
MSVOA_X
ClientSampleId :
IBLK

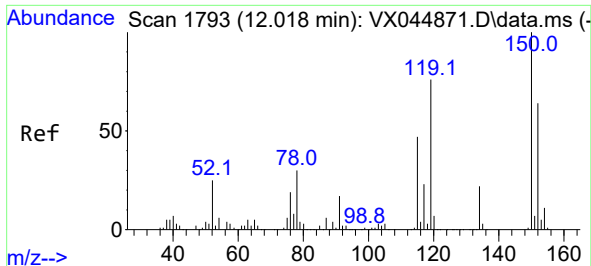
Tgt Ion: 95 Resp: 73543
Ion Ratio Lower Upper
95 100
174 73.5 0.0 142.6
176 71.9 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044953.D
Acq: 14 Feb 2025 12:02

Tgt Ion: 117 Resp: 155977
Ion Ratio Lower Upper
117 100
82 59.0 47.5 71.3
119 31.8 25.4 38.0

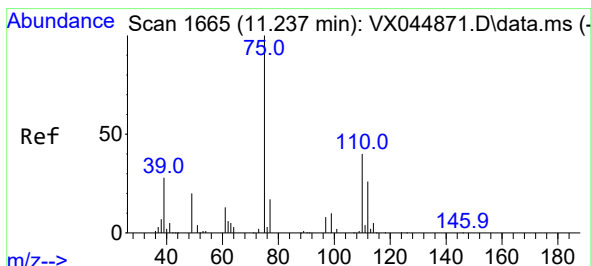
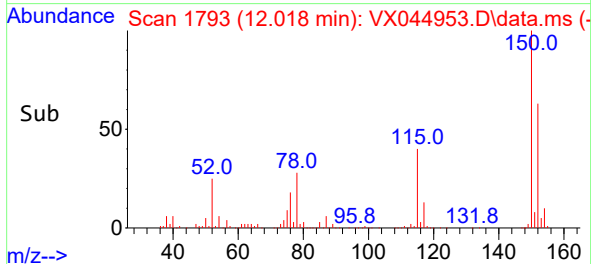
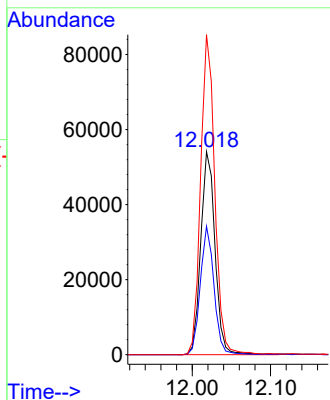
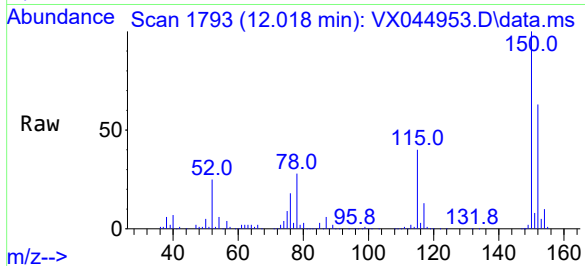




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044953.D
Acq: 14 Feb 2025 12:02

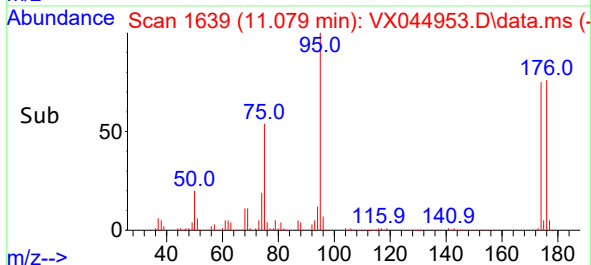
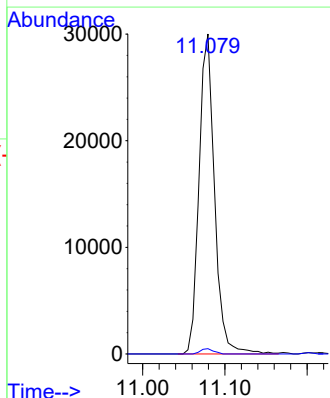
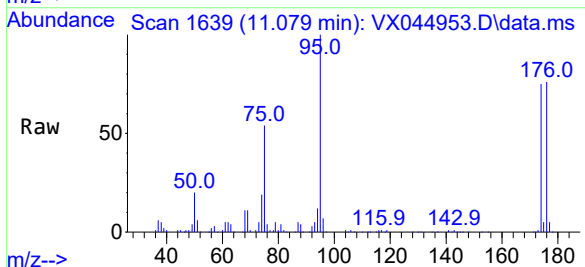
Instrument :
MSVOA_X
ClientSampleId :
IBLK

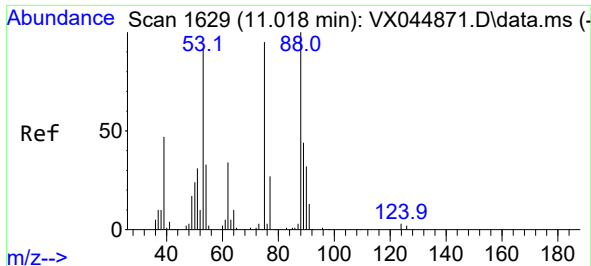
Tgt Ion:152 Resp: 68592
Ion Ratio Lower Upper
152 100
115 60.7 43.4 130.1
150 156.0 0.0 350.4



#76
1,2,3-Trichloropropane
Concen: 25.87 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044953.D
Acq: 14 Feb 2025 12:02

Tgt Ion: 75 Resp: 39347
Ion Ratio Lower Upper
75 100
77 1.4 21.9 65.7#

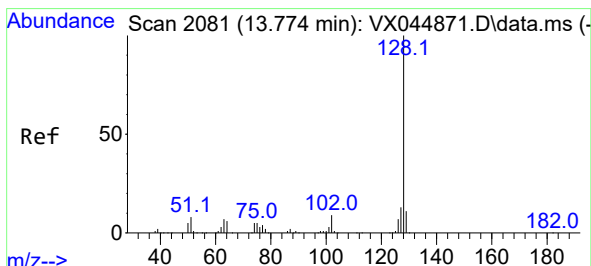
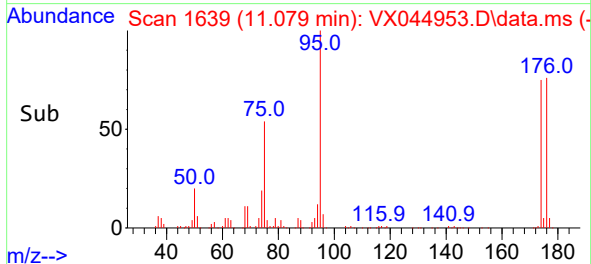
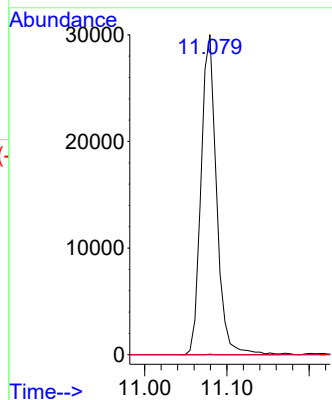
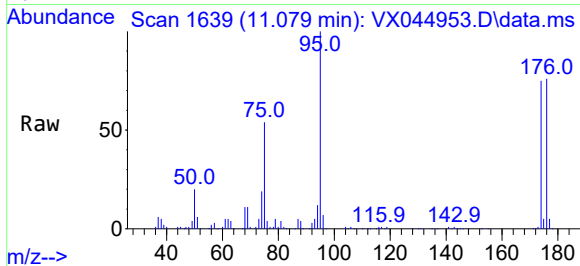




#81
trans-1,4-Dichloro-2-butene
Concen: 66.55 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044953.D
Acq: 14 Feb 2025 12:02

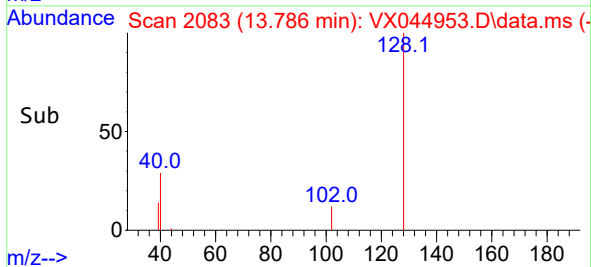
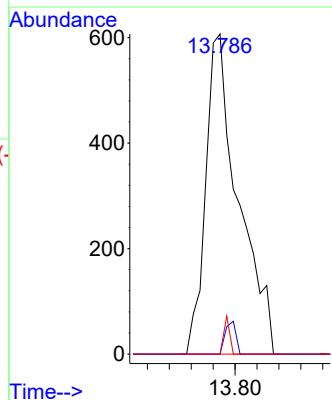
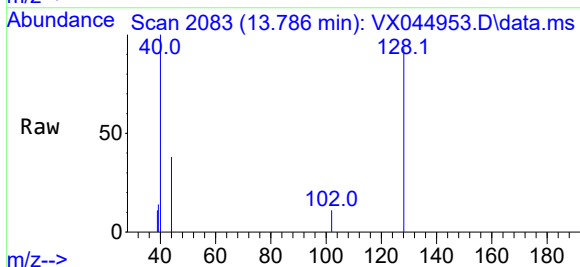
Instrument :
MSVOA_X
ClientSampleId :
IBLK

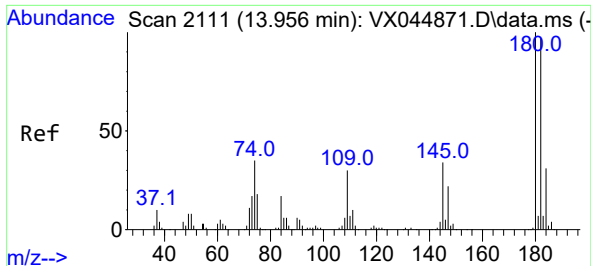
Tgt Ion: 75 Resp: 39347
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 36.6 54.8#



#95
Naphthalene
Concen: 0.25 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.013 min
Lab File: VX044953.D
Acq: 14 Feb 2025 12:02

Tgt Ion: 128 Resp: 1257
Ion Ratio Lower Upper
128 100
127 3.3 10.1 15.1#
129 2.1 8.9 13.3#





#96
1,2,3-Trichlorobenzene
Concen: 0.23 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.007 min
Lab File: VX044953.D
Acq: 14 Feb 2025 12:02

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:180 Resp: 311
Ion Ratio Lower Upper
180 100
182 88.1 47.9 143.6
145 19.6 17.1 51.3

