

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030325\
 Data File : VX045113.D
 Acq On : 03 Mar 2025 15:17
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 04 05:24:49 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)

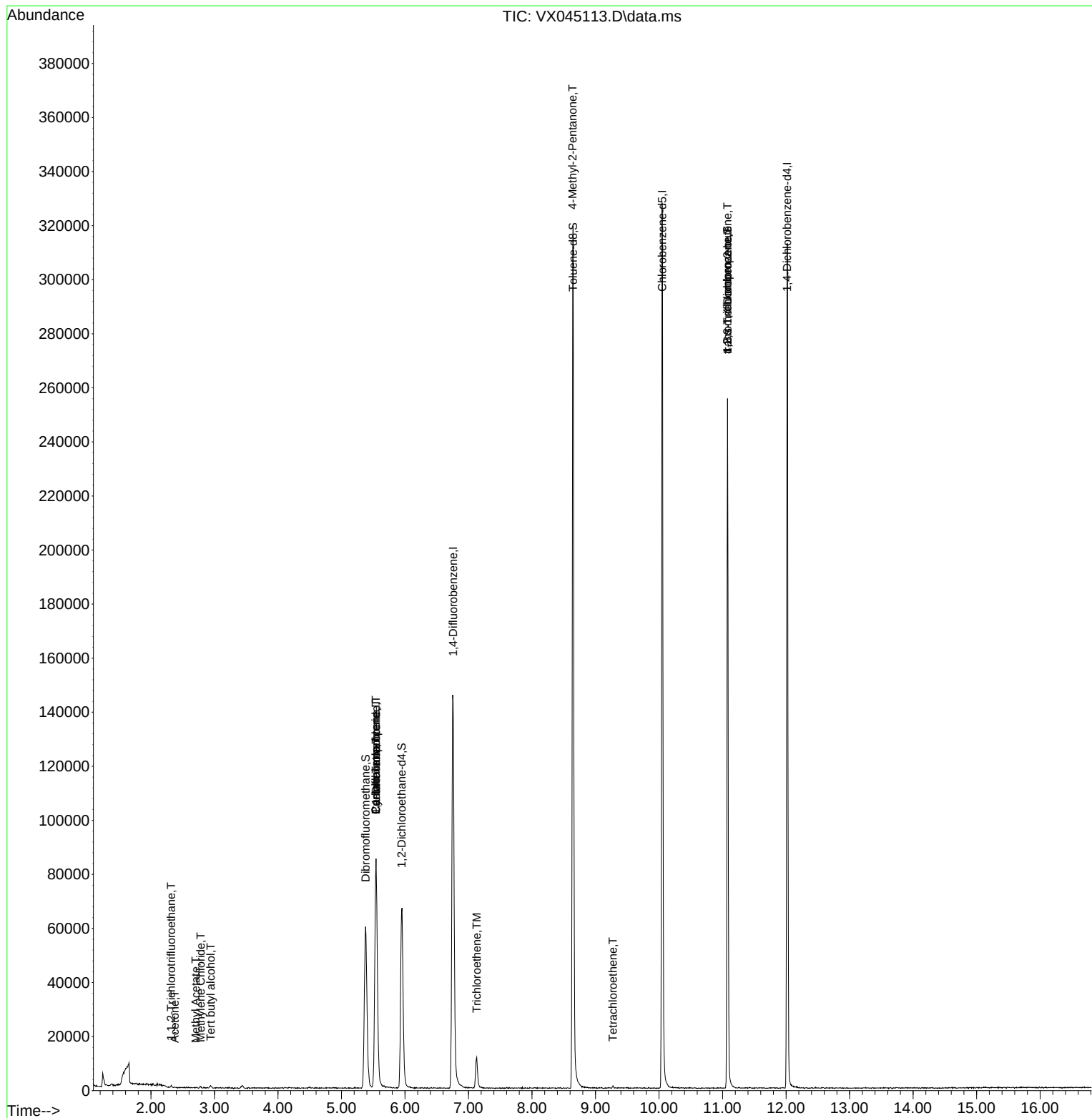
Internal Standards						
1) Pentafluorobenzene	5.544	168	77908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	155318	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	143859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	64210	51.814	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.620%	
35) Dibromofluoromethane	5.379	113	52449	50.501	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.000%	
50) Toluene-d8	8.647	98	193866	51.489	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.980%	
62) 4-Bromofluorobenzene	11.079	95	65890	52.811	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.620%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.319	101	285	0.315	ug/l #	87
11) Tert butyl alcohol	2.940	59	327	1.393	ug/l #	73
16) Acetone	2.373	43	191	0.332	ug/l #	44
18) Methyl Acetate	2.703	43	348	0.252	ug/l #	54
20) Methylene Chloride	2.782	84	232	0.204	ug/l #	56
31) Cyclohexane	5.544	56	2030	1.204	ug/l #	44
36) 1,1-Dichloropropene	5.544	75	7118	4.998	ug/l #	49
38) Carbon Tetrachloride	5.544	117	8638	5.974	ug/l #	14
44) Trichloroethene	7.129	130	4444	4.208	ug/l	97
51) 4-Methyl-2-Pentanone	8.641	43	980	0.538	ug/l #	1
64) Tetrachloroethene	9.275	164	214	0.232	ug/l #	64
76) 1,2,3-Trichloropropane	11.079	75	35800	24.969	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	35800	85.448	ug/l #	6

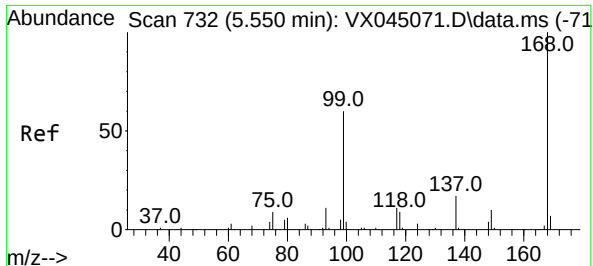
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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IBLK

Quant Time: Mar 04 05:24:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
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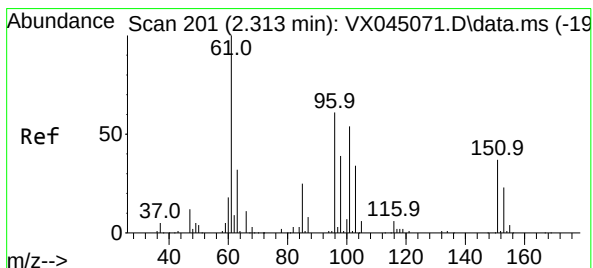
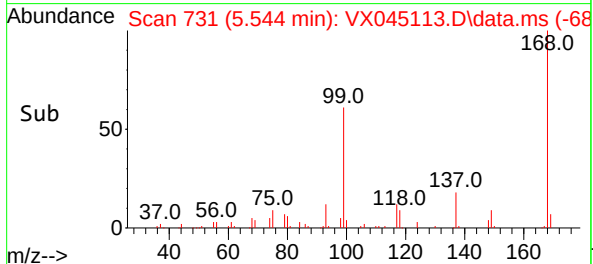
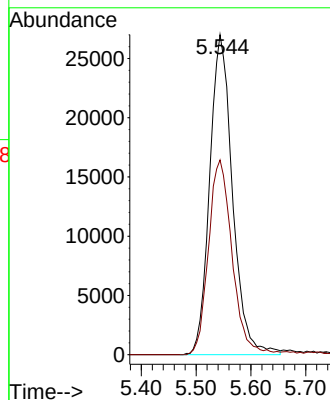
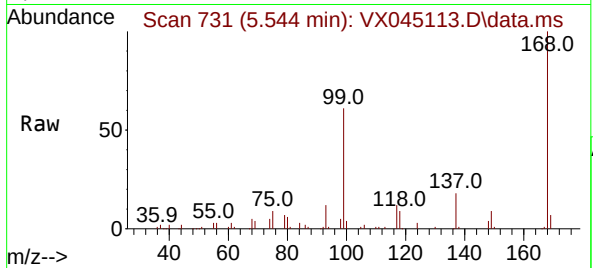




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045113.D
Acq: 03 Mar 2025 15:17

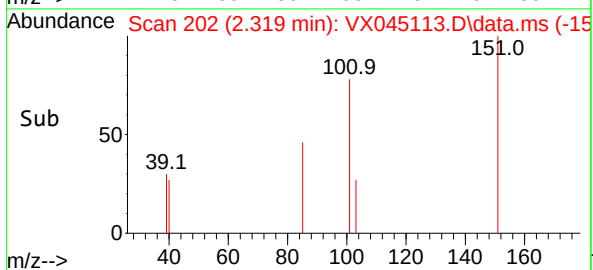
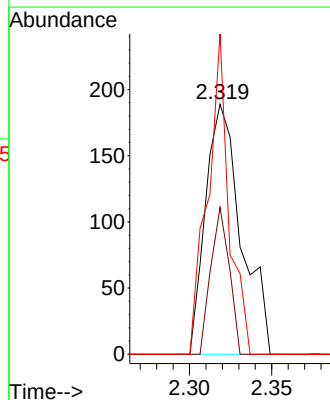
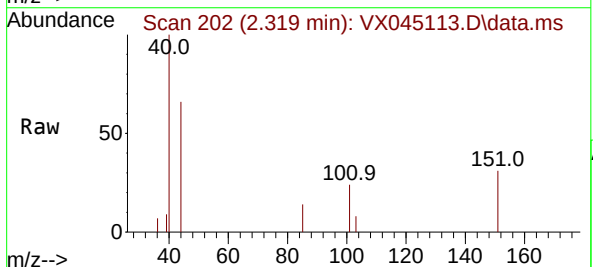
Instrument :
MSVOA_X
ClientSampleId :
IBLK

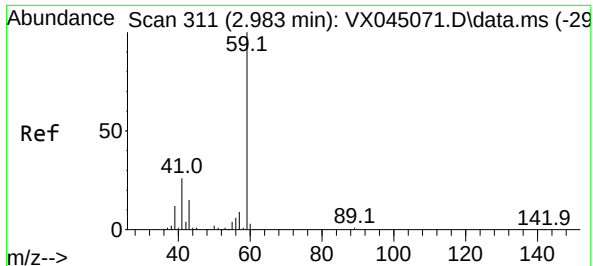
Tgt Ion:168 Resp: 77908
Ion Ratio Lower Upper
168 100
99 60.9 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.315 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045113.D
Acq: 03 Mar 2025 15:17

Tgt Ion:101 Resp: 285
Ion Ratio Lower Upper
101 100
85 30.2 36.2 54.4#
151 76.1 56.4 84.6

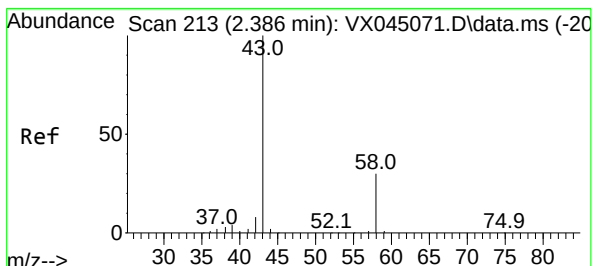
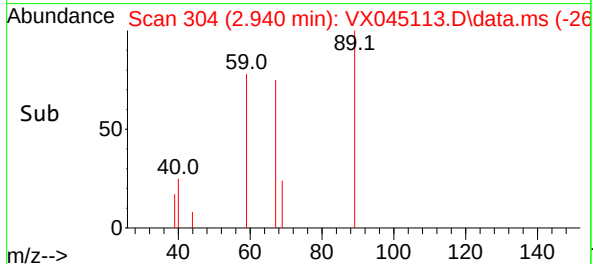
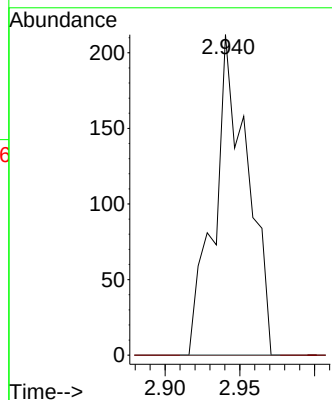
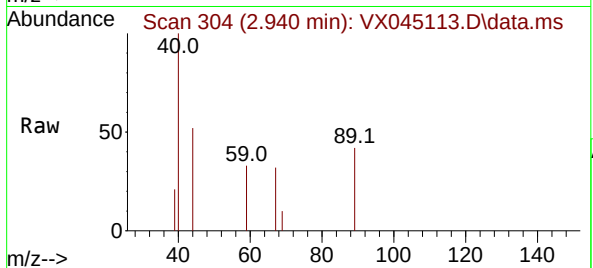




#11
Tert butyl alcohol
Concen: 1.393 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX045113.D
Acq: 03 Mar 2025 15:17

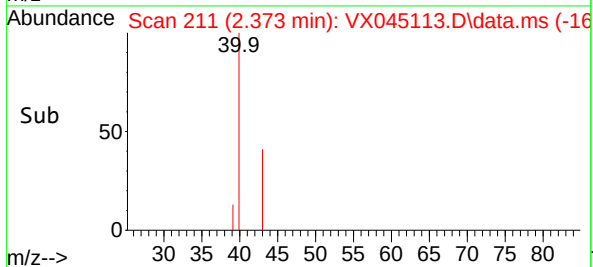
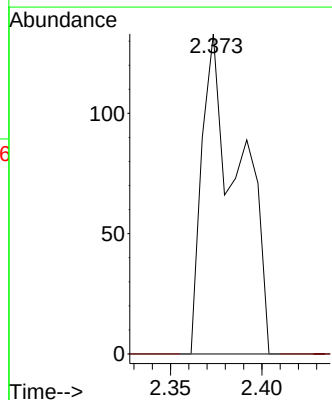
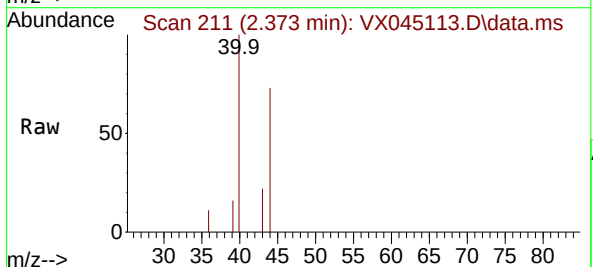
Instrument :
MSVOA_X
ClientSampleId :
IBLK

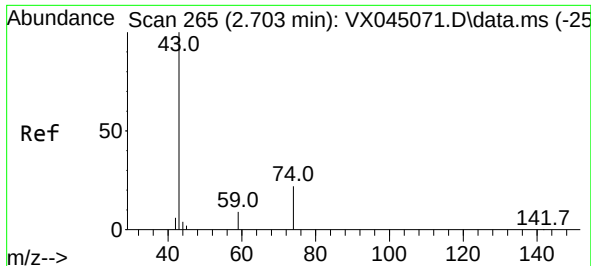
Tgt Ion: 59 Resp: 327
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 0.332 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX045113.D
Acq: 03 Mar 2025 15:17

Tgt Ion: 43 Resp: 191
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#

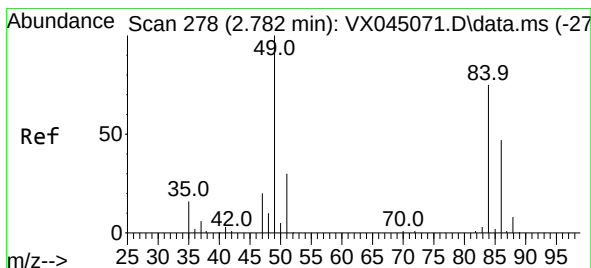
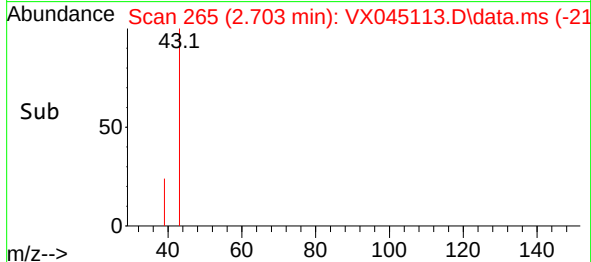
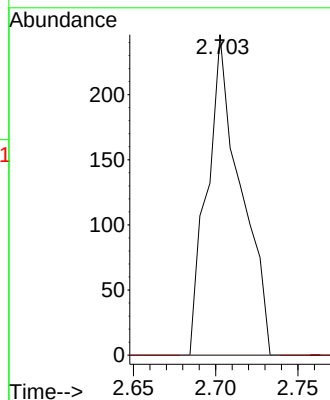
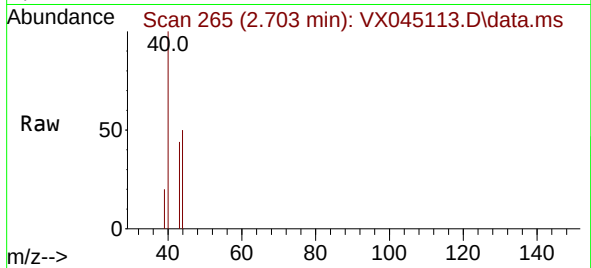




#18
Methyl Acetate
Concen: 0.252 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045113.D
Acq: 03 Mar 2025 15:17

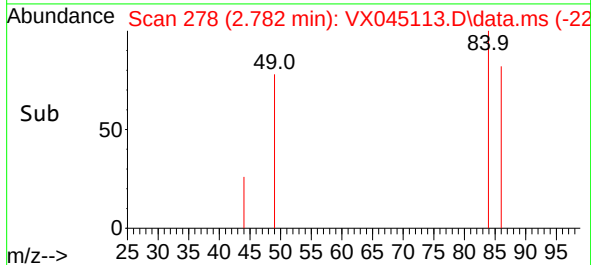
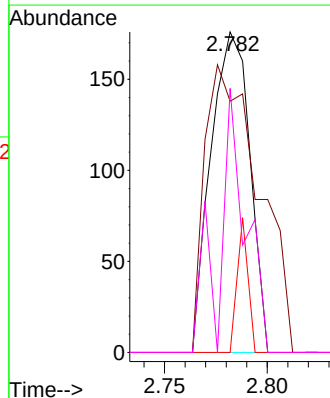
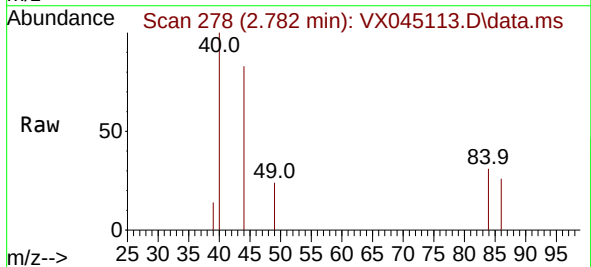
Instrument :
MSVOA_X
ClientSampleId :
IBLK

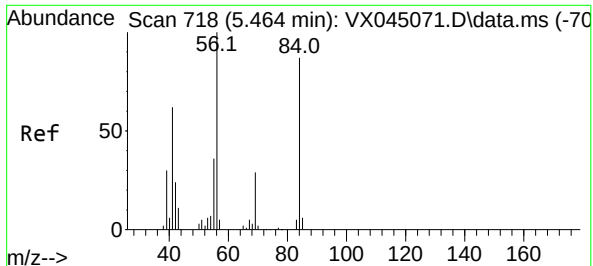
Tgt Ion: 43 Resp: 348
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#



#20
Methylene Chloride
Concen: 0.204 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045113.D
Acq: 03 Mar 2025 15:17

Tgt Ion: 84 Resp: 232
Ion Ratio Lower Upper
84 100
49 78.4 106.5 159.7#
51 0.0 32.1 48.1#
86 82.4 50.0 75.0#

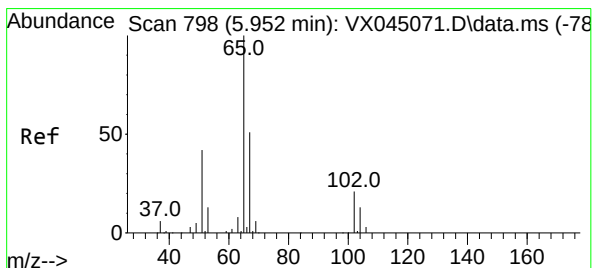
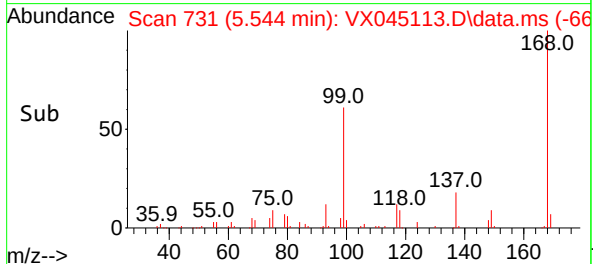
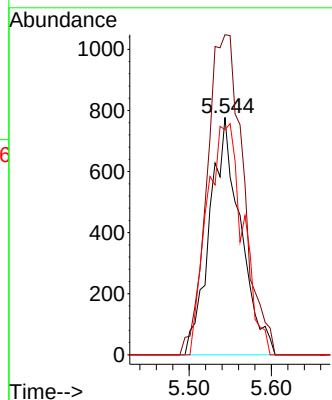
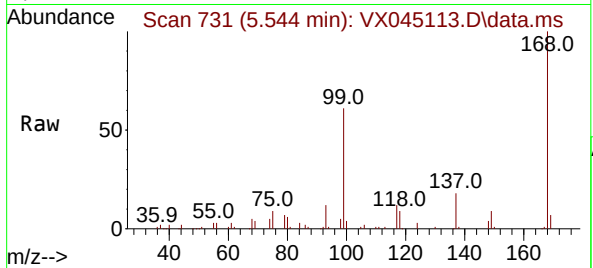




#31
Cyclohexane
Concen: 1.204 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045113.D
Acq: 03 Mar 2025 15:17

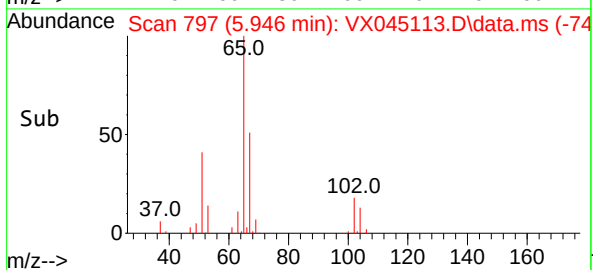
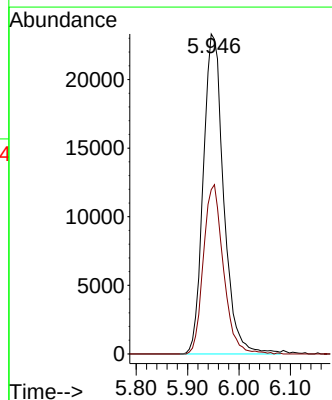
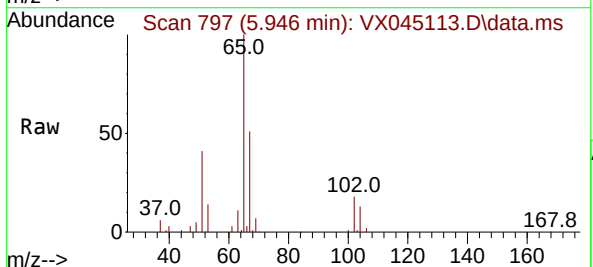
Instrument :
MSVOA_X
ClientSampleId :
IBLK

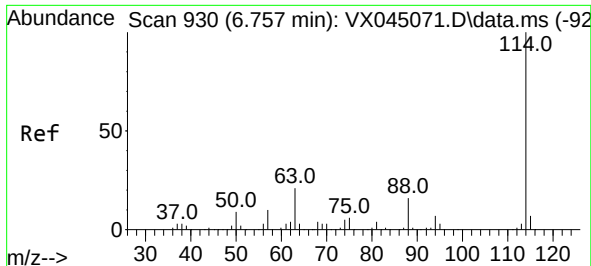
Tgt Ion: 56 Resp: 2030
Ion Ratio Lower Upper
56 100
69 134.9 23.4 35.2#
84 94.9 69.4 104.2



#33
1,2-Dichloroethane-d4
Concen: 51.814 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045113.D
Acq: 03 Mar 2025 15:17

Tgt Ion: 65 Resp: 64210
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.2

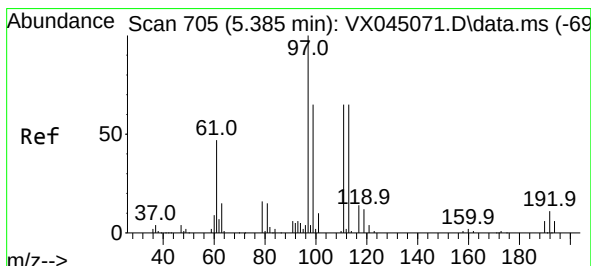
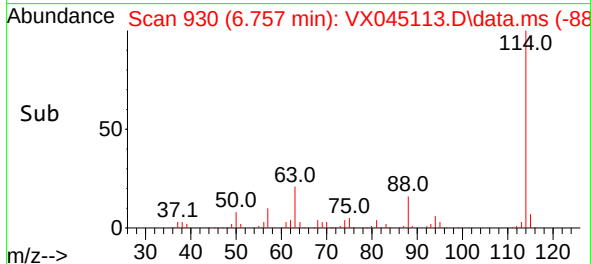
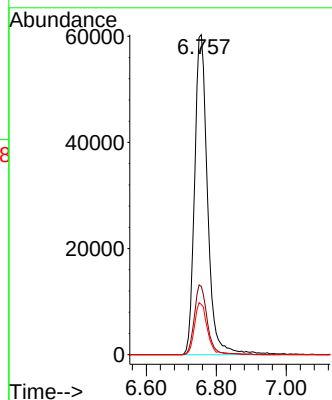
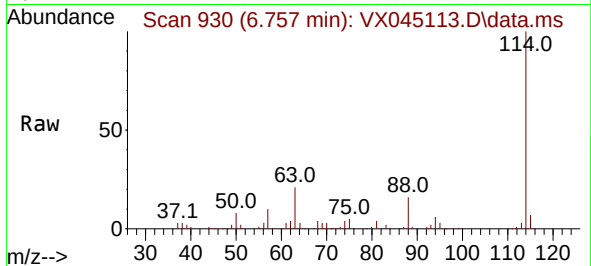




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045113.D
Acq: 03 Mar 2025 15:17

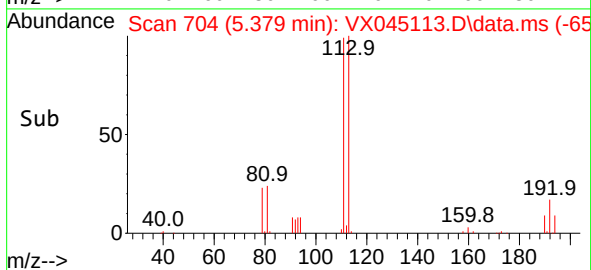
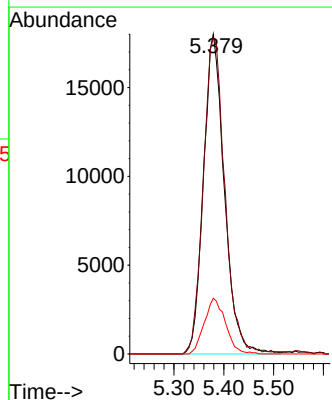
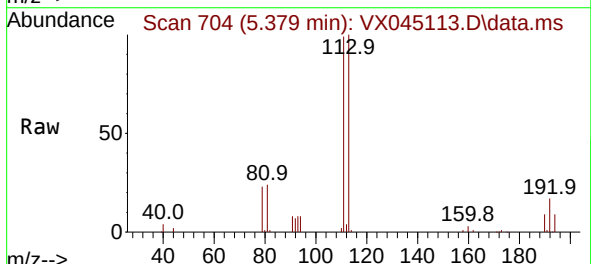
Instrument :
MSVOA_X
ClientSampleId :
IBLK

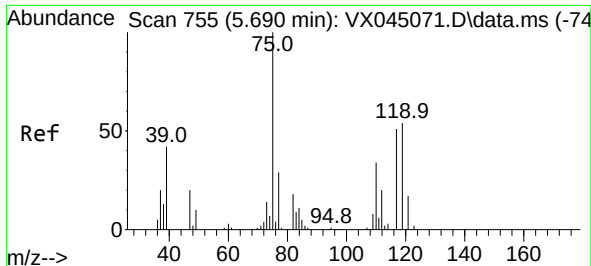
Tgt Ion:114 Resp: 155318
Ion Ratio Lower Upper
114 100
63 21.3 0.0 41.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.501 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045113.D
Acq: 03 Mar 2025 15:17

Tgt Ion:113 Resp: 52449
Ion Ratio Lower Upper
113 100
111 101.6 81.8 122.6
192 17.7 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.998 ug/l

RT: 5.544 min Scan# 711

Delta R.T. -0.146 min

Lab File: VX045113.D

Acq: 03 Mar 2025 15:17

Instrument :

MSVOA_X

ClientSampleId :

IBLK

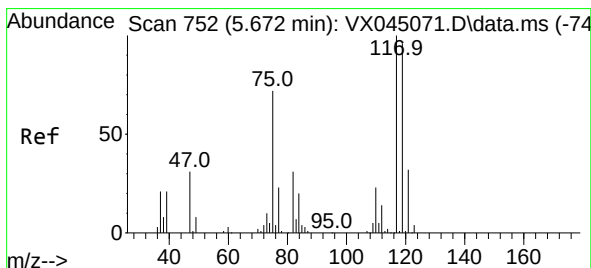
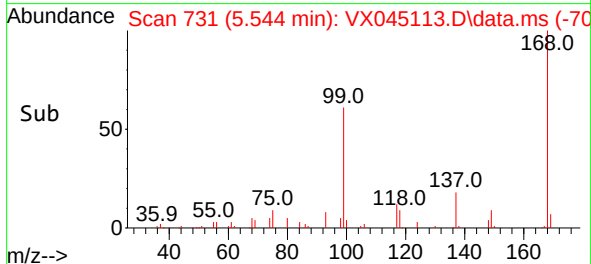
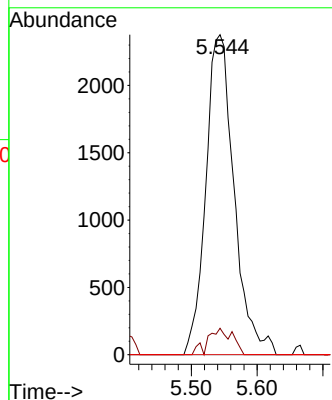
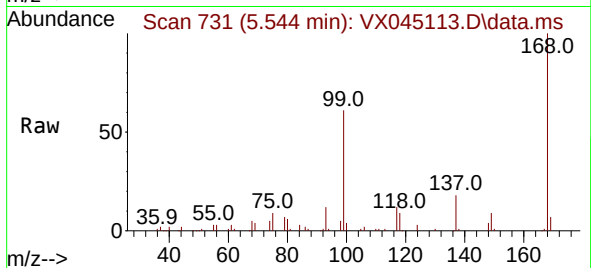
Tgt Ion: 75 Resp: 7118

Ion Ratio Lower Upper

75 100

110 7.2 16.9 50.6#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 5.974 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045113.D

Acq: 03 Mar 2025 15:17

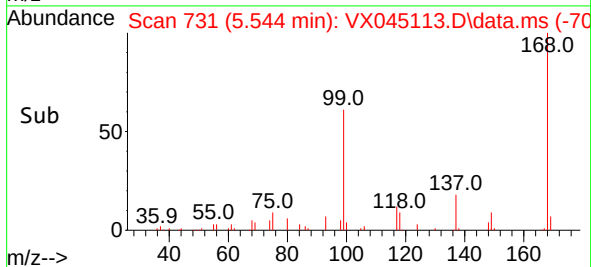
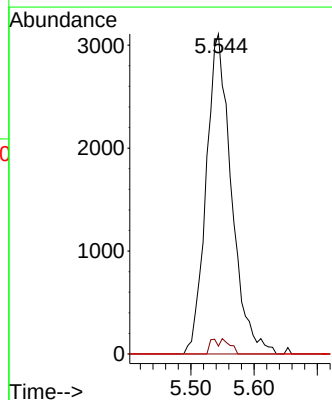
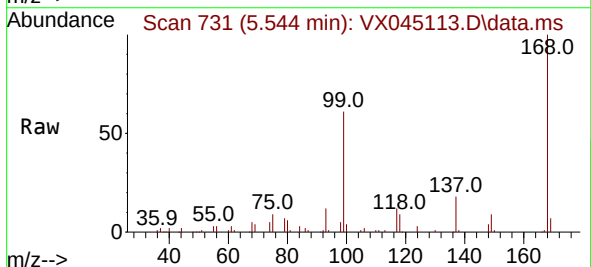
Tgt Ion: 117 Resp: 8638

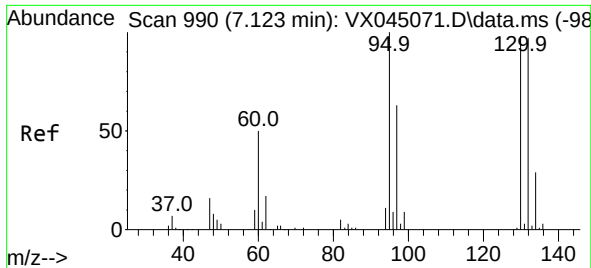
Ion Ratio Lower Upper

117 100

119 2.5 76.7 115.1#

121 0.0 25.5 38.3#





#44

Trichloroethene

Concen: 4.208 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX045113.D

Acq: 03 Mar 2025 15:17

Instrument :

MSVOA_X

ClientSampleId :

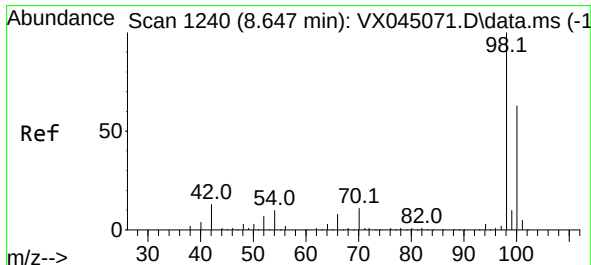
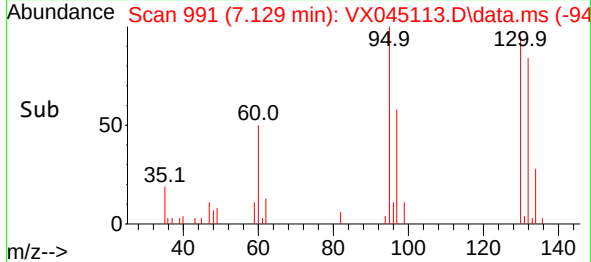
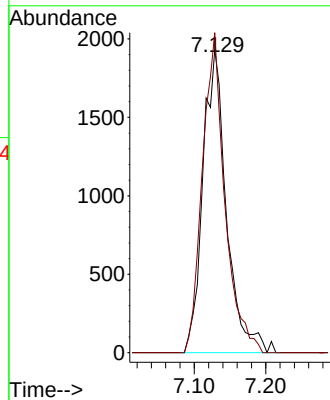
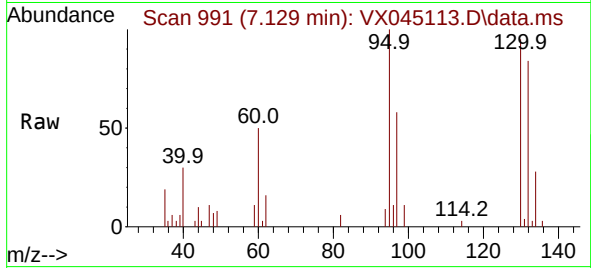
IBLK

Tgt Ion:130 Resp: 4444

Ion Ratio Lower Upper

130 100

95 105.6 0.0 205.0



#50

Toluene-d8

Concen: 51.489 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045113.D

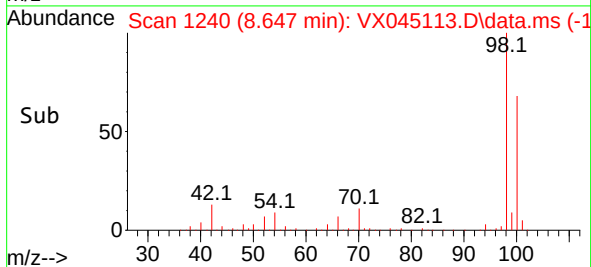
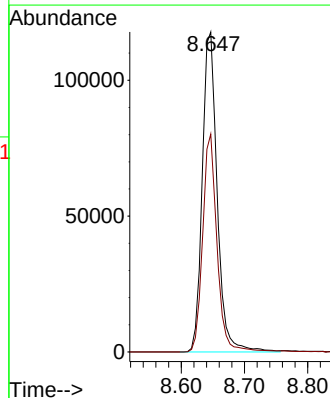
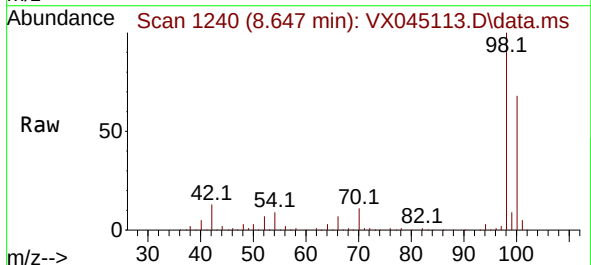
Acq: 03 Mar 2025 15:17

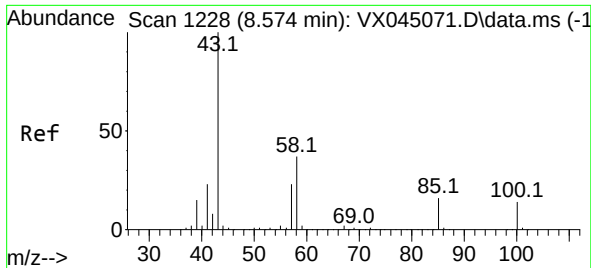
Tgt Ion: 98 Resp: 193866

Ion Ratio Lower Upper

98 100

100 65.7 52.0 78.0

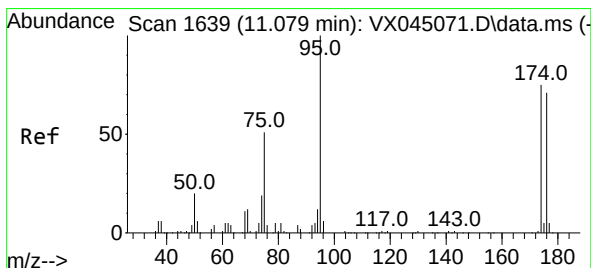
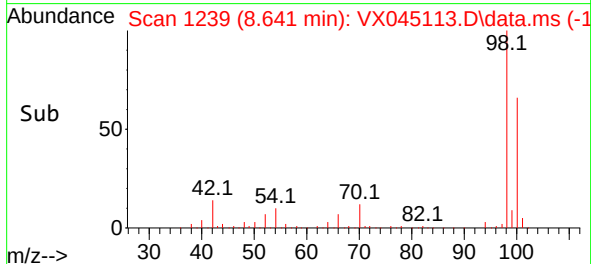
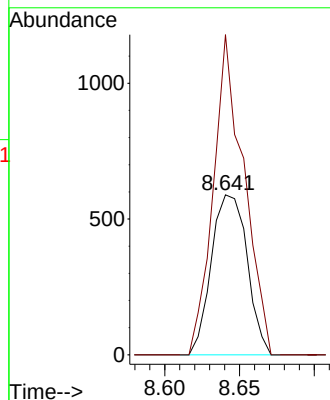
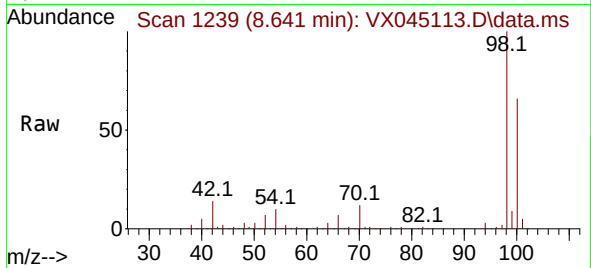




#51
4-Methyl-2-Pentanone
Concen: 0.538 ug/l
RT: 8.641 min Scan# 1228
Delta R.T. 0.067 min
Lab File: VX045113.D
Acq: 03 Mar 2025 15:17

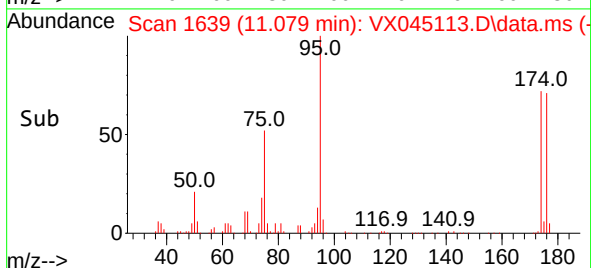
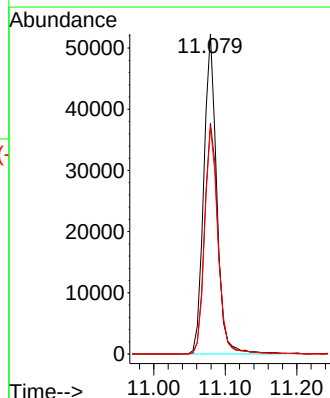
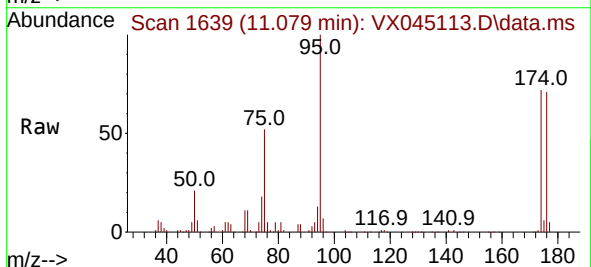
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MSVOA_X
ClientSampleId :
IBLK

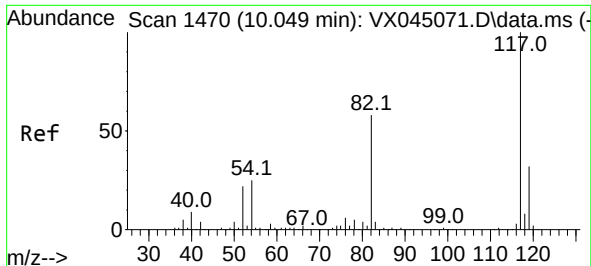
Tgt Ion: 43 Resp: 980
Ion Ratio Lower Upper
43 100
58 171.0 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 52.811 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045113.D
Acq: 03 Mar 2025 15:17

Tgt Ion: 95 Resp: 65890
Ion Ratio Lower Upper
95 100
174 74.9 0.0 148.2
176 73.0 0.0 141.4

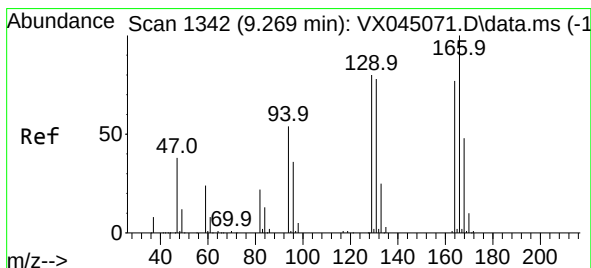
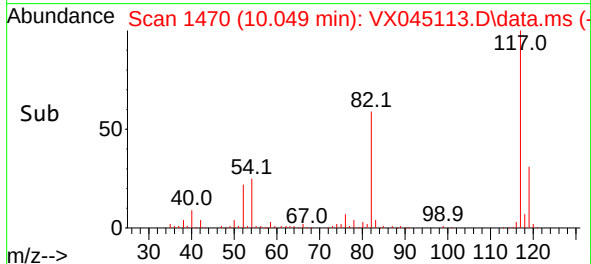
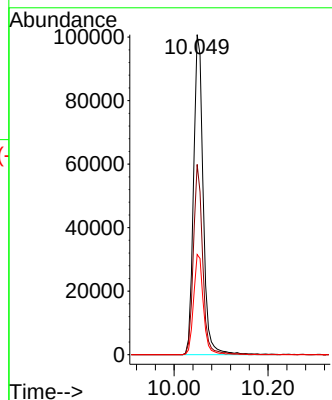
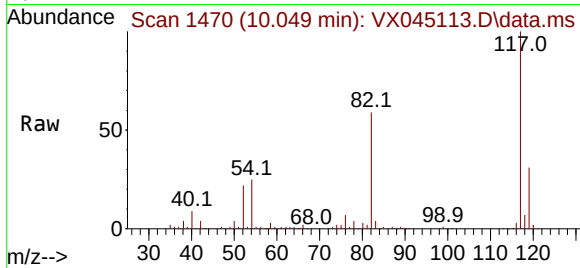




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045113.D
Acq: 03 Mar 2025 15:17

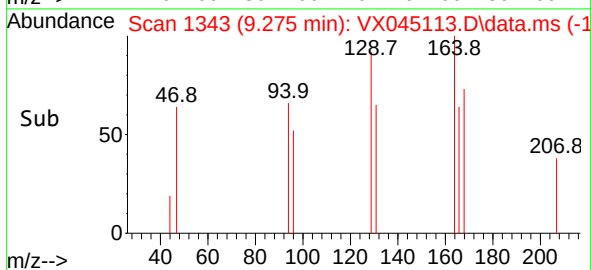
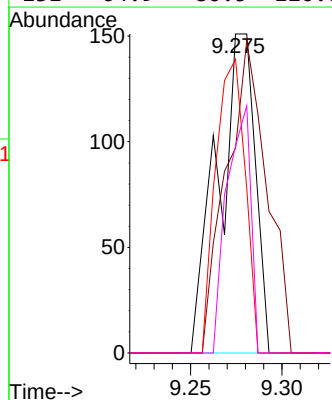
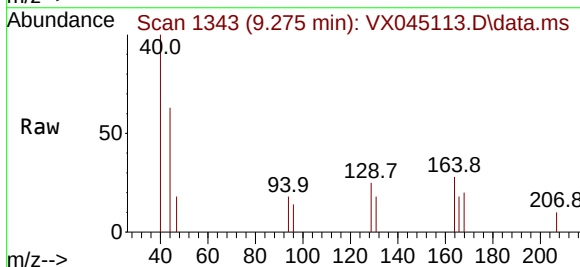
Instrument :
MSVOA_X
ClientSampleId :
IBLK

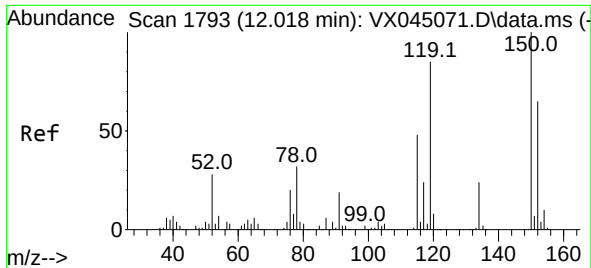
Tgt Ion:117 Resp: 143859
Ion Ratio Lower Upper
117 100
82 59.5 46.3 69.5
119 31.3 25.7 38.5



#64
Tetrachloroethene
Concen: 0.232 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX045113.D
Acq: 03 Mar 2025 15:17

Tgt Ion:164 Resp: 214
Ion Ratio Lower Upper
164 100
166 64.2 103.6 155.4#
129 92.1 82.7 124.1
131 64.9 80.5 120.7#

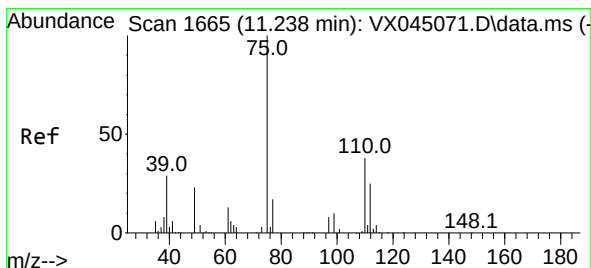
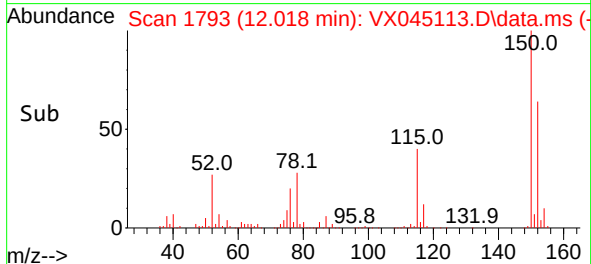
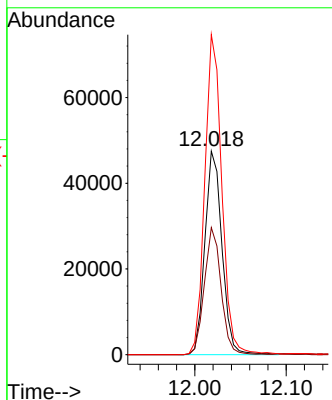
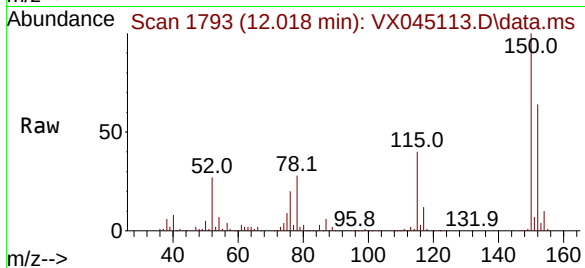




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045113.D
 Acq: 03 Mar 2025 15:17

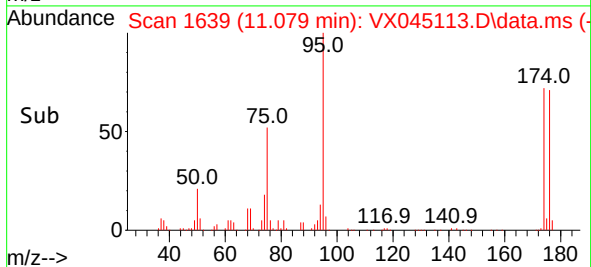
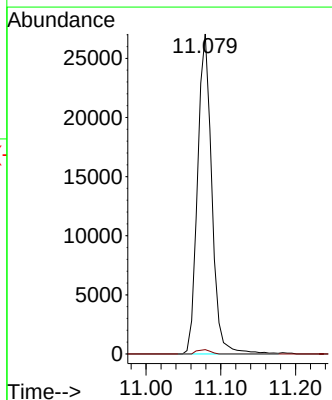
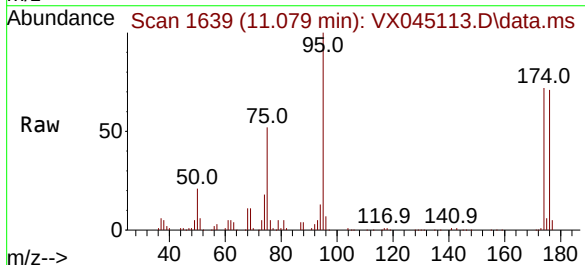
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

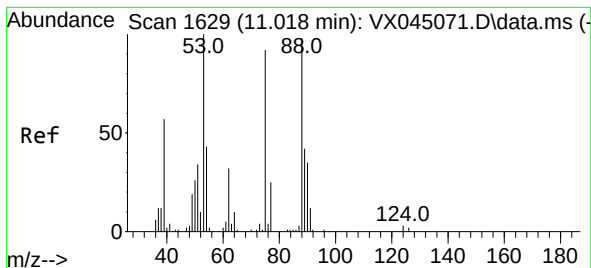
Tgt Ion:152 Resp: 61602
 Ion Ratio Lower Upper
 152 100
 115 61.1 44.2 132.6
 150 156.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.969 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045113.D
 Acq: 03 Mar 2025 15:17

Tgt Ion: 75 Resp: 35800
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.7 62.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 85.448 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045113.D
Acq: 03 Mar 2025 15:17

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 35800
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

