

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042925\
 Data File : VX045982.D
 Acq On : 29 Apr 2025 15:08
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 30 01:40:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

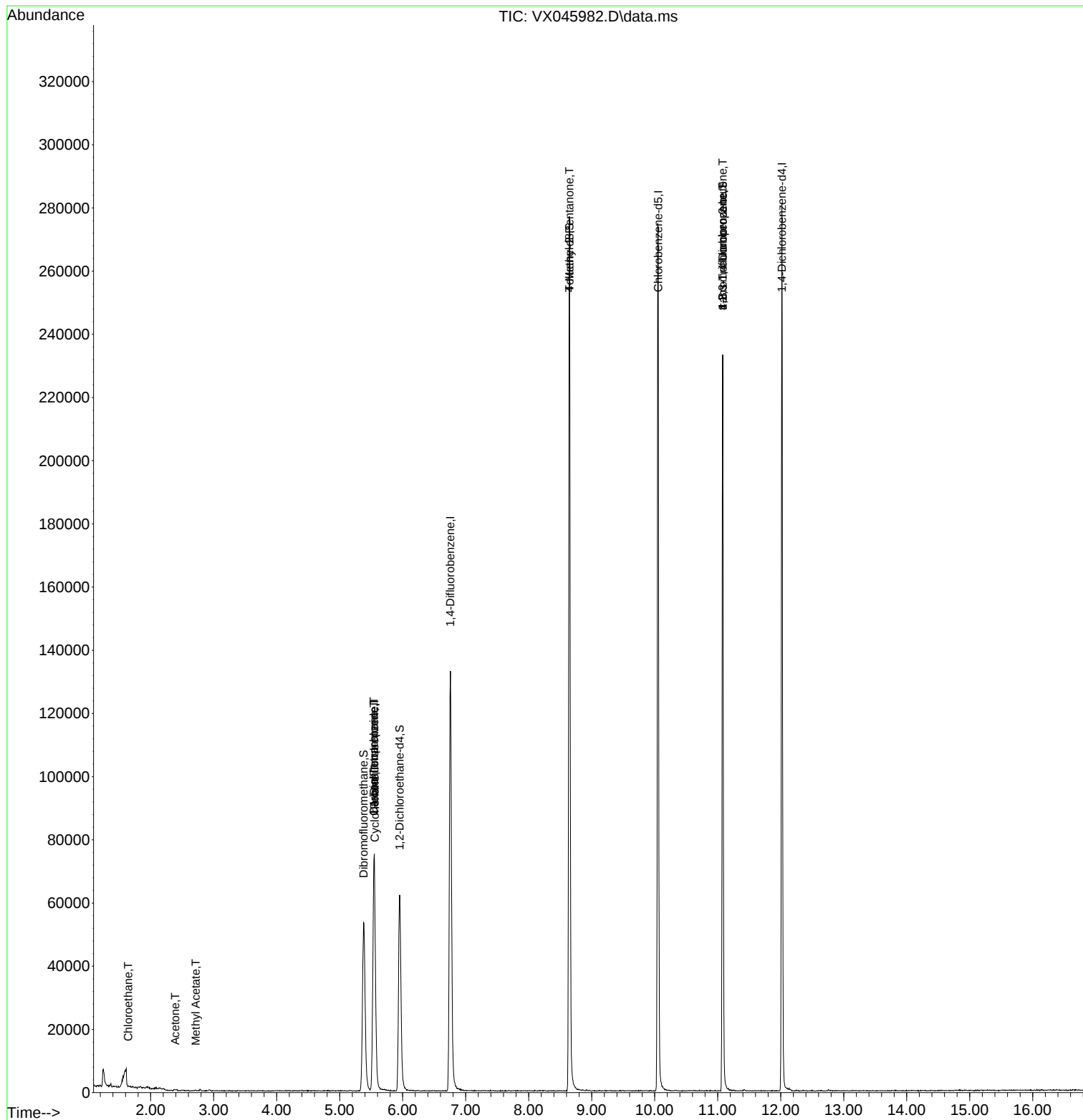
Internal Standards						
1) Pentafluorobenzene	5.550	168	62331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126892	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64634	56.703	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.400%			
35) Dibromofluoromethane	5.379	113	46979	52.181	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.360%			
50) Toluene-d8	8.647	98	158707	50.505	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.020%			
62) 4-Bromofluorobenzene	11.079	95	60196	52.590	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.180%			
Target Compounds						Qvalue
6) Chloroethane	1.642	64	176	0.379	ug/l #	42
16) Acetone	2.392	43	334	0.714	ug/l #	47
18) Methyl Acetate	2.715	43	262	0.243	ug/l #	54
31) Cyclohexane	5.556	56	2011	1.438	ug/l #	23
36) 1,1-Dichloropropene	5.543	75	6272	5.160	ug/l #	51
38) Carbon Tetrachloride	5.543	117	7716	5.873	ug/l #	13
51) 4-Methyl-2-Pentanone	8.647	43	830	0.539	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34619	27.629	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34619	93.770	ug/l #	1

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

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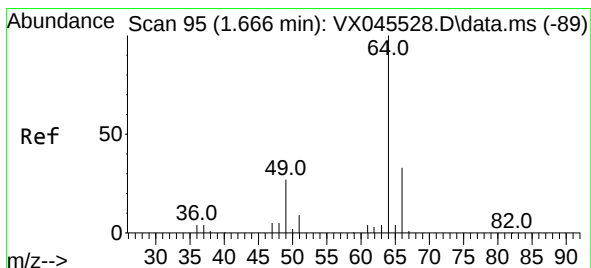
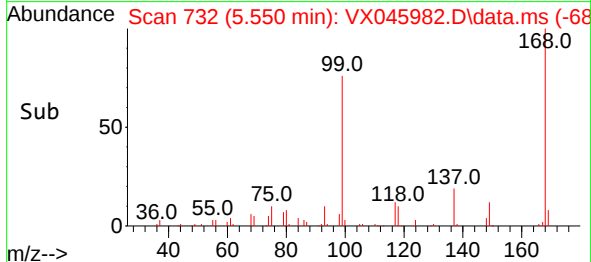
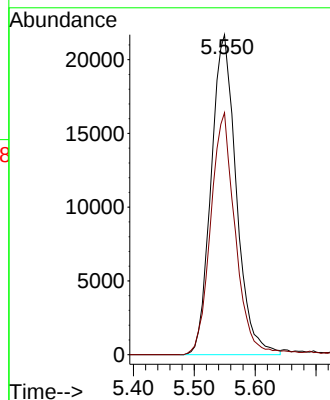
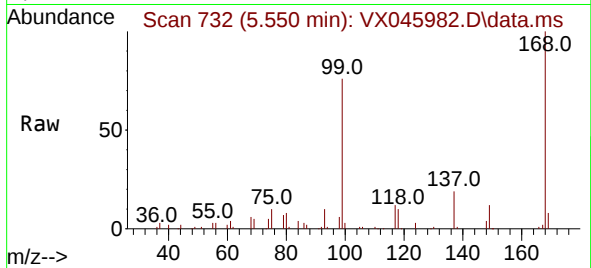




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045982.D
Acq: 29 Apr 2025 15:08

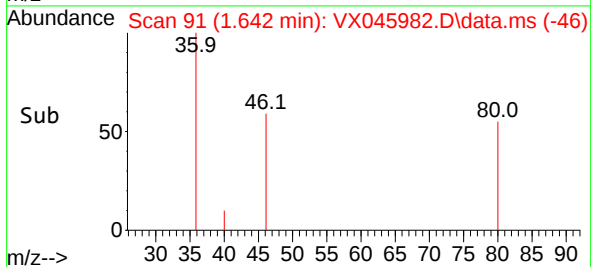
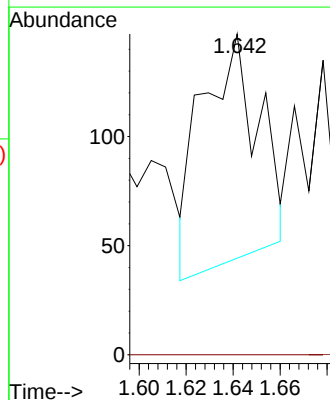
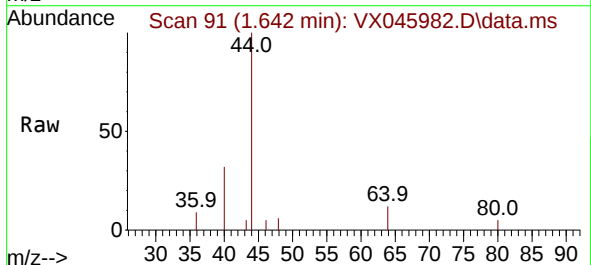
Instrument :
MSVOA_X
ClientSampleId :
IBLK

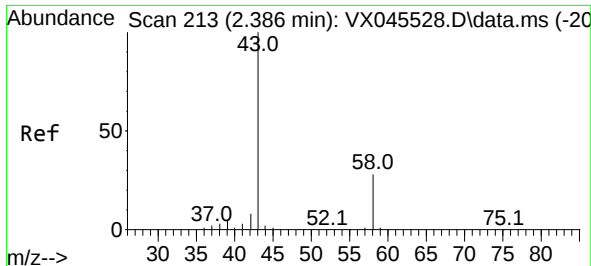
Tgt Ion:168 Resp: 62331
Ion Ratio Lower Upper
168 100
99 75.6 52.3 78.5



#6
Chloroethane
Concen: 0.379 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.025 min
Lab File: VX045982.D
Acq: 29 Apr 2025 15:08

Tgt Ion: 64 Resp: 176
Ion Ratio Lower Upper
64 100
66 0.0 26.3 39.5

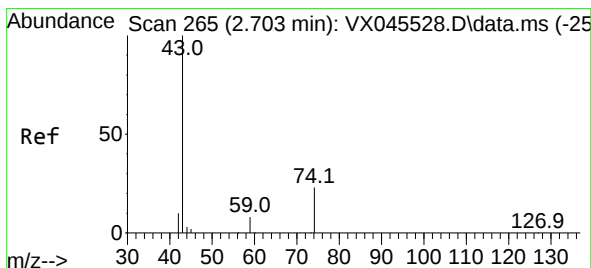
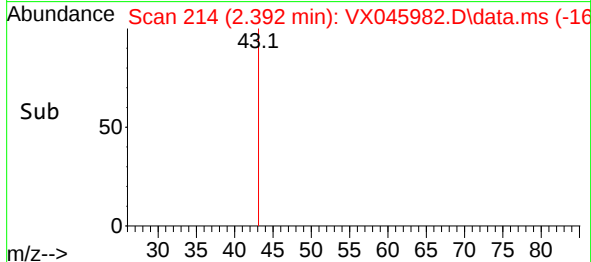
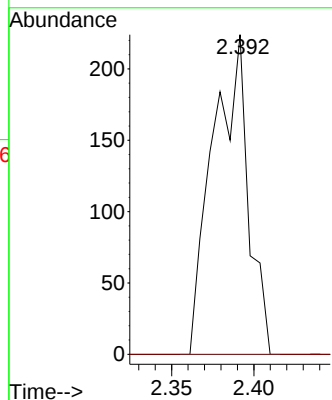
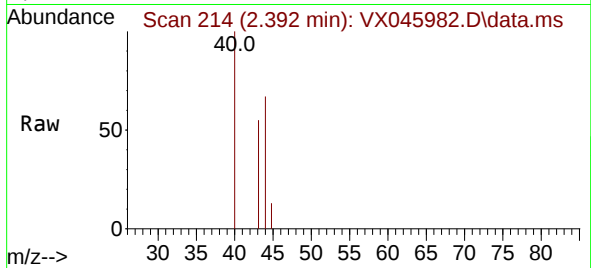




#16
Acetone
Concen: 0.714 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045982.D
Acq: 29 Apr 2025 15:08

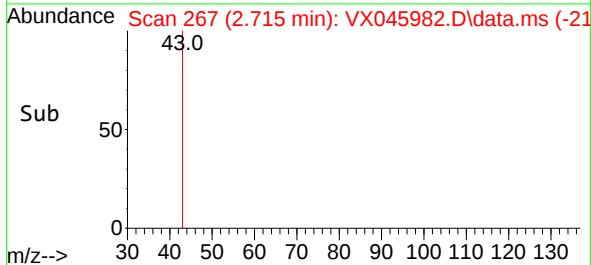
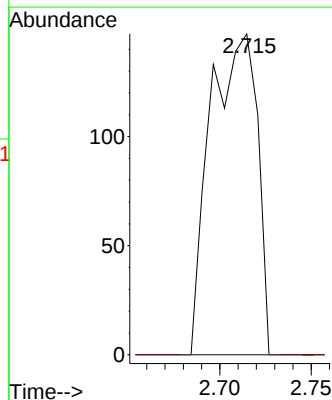
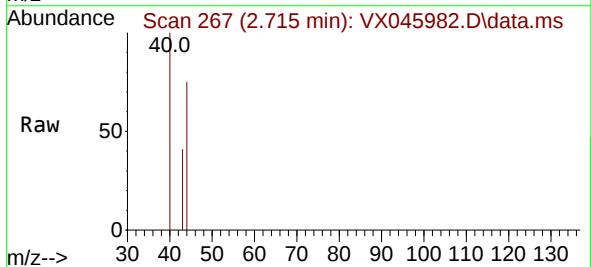
Instrument :
MSVOA_X
ClientSampleId :
IBLK

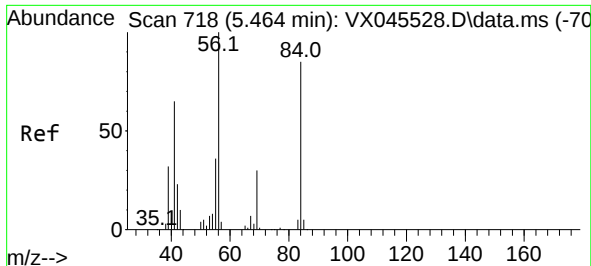
Tgt Ion: 43 Resp: 334
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#



#18
Methyl Acetate
Concen: 0.243 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.012 min
Lab File: VX045982.D
Acq: 29 Apr 2025 15:08

Tgt Ion: 43 Resp: 262
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#

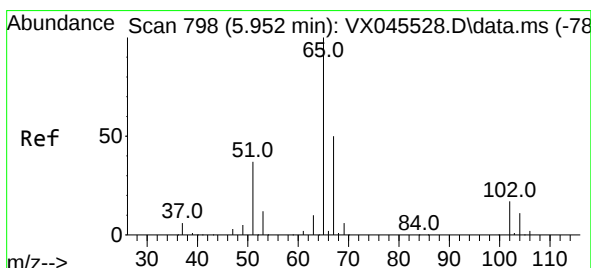
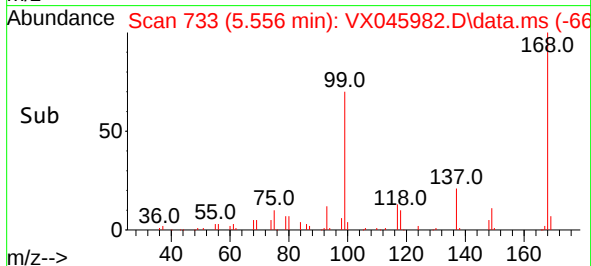
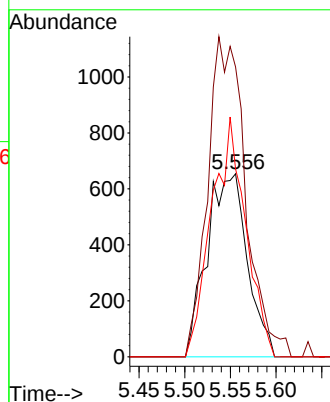
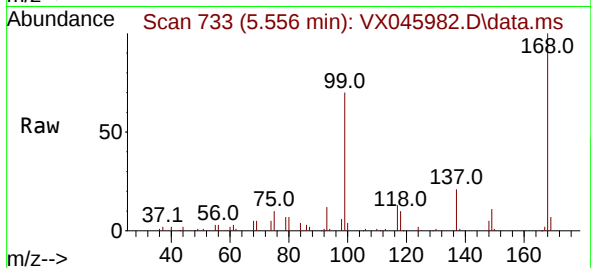




#31
Cyclohexane
Concen: 1.438 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.091 min
Lab File: VX045982.D
Acq: 29 Apr 2025 15:08

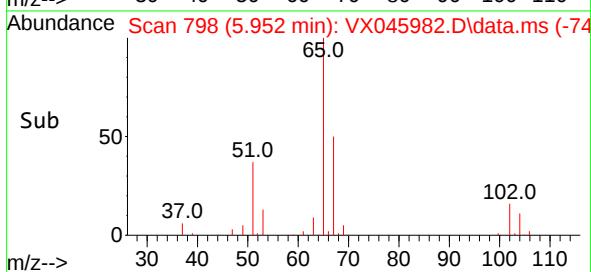
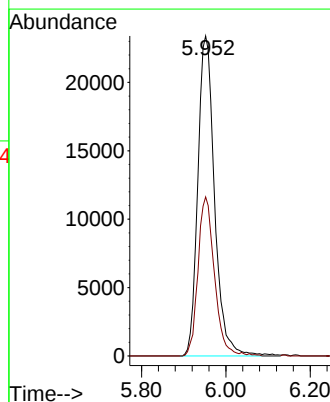
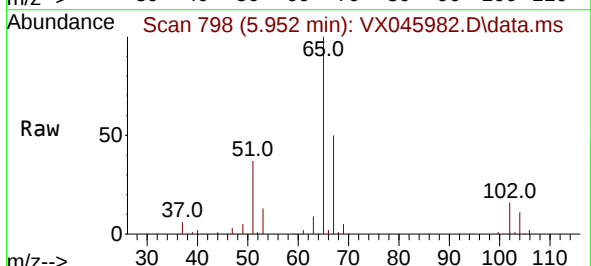
Instrument :
MSVOA_X
ClientSampleId :
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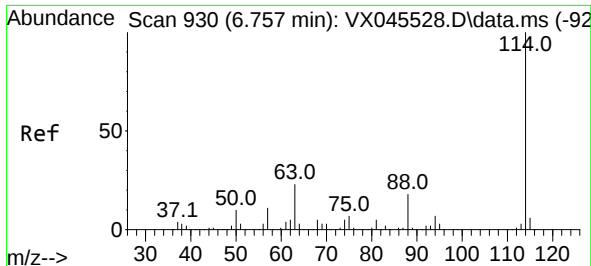
Tgt Ion: 56 Resp: 2011
Ion Ratio Lower Upper
56 100
69 158.4 23.6 35.4#
84 102.6 67.7 101.5#



#33
1,2-Dichloroethane-d4
Concen: 56.703 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045982.D
Acq: 29 Apr 2025 15:08

Tgt Ion: 65 Resp: 64634
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.0

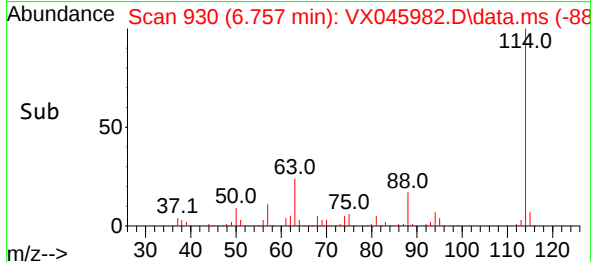
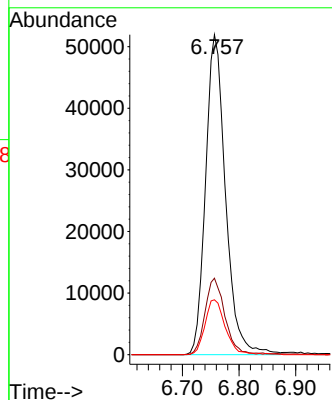
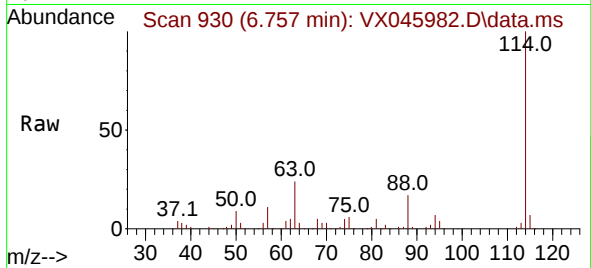




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045982.D
Acq: 29 Apr 2025 15:08

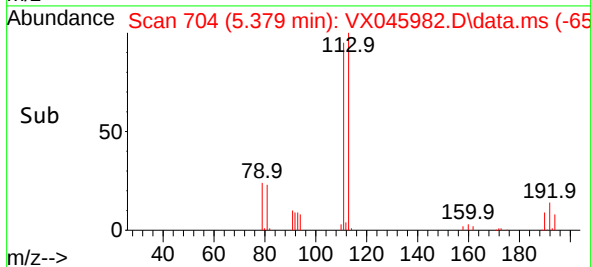
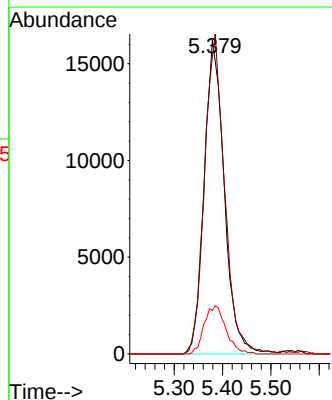
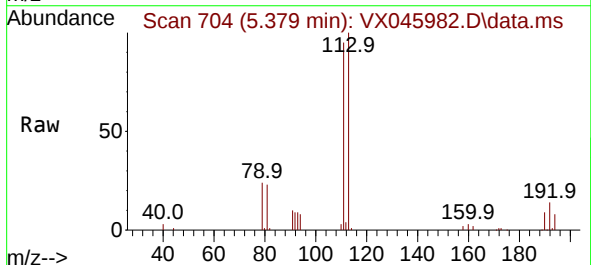
Instrument :
MSVOA_X
ClientSampleId :
IBLK

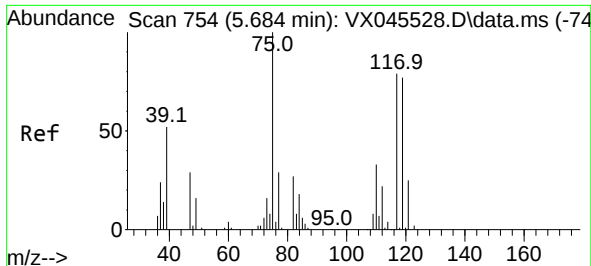
Tgt Ion:114 Resp: 126892
Ion Ratio Lower Upper
114 100
63 23.9 0.0 46.8
88 17.1 0.0 35.4



#35
Dibromofluoromethane
Concen: 52.181 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045982.D
Acq: 29 Apr 2025 15:08

Tgt Ion:113 Resp: 46979
Ion Ratio Lower Upper
113 100
111 101.4 81.8 122.6
192 16.6 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.160 ug/l

RT: 5.543 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045982.D

Acq: 29 Apr 2025 15:08

Instrument :

MSVOA_X

ClientSampleId :

IBLK

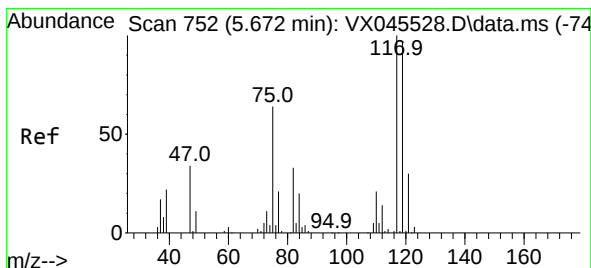
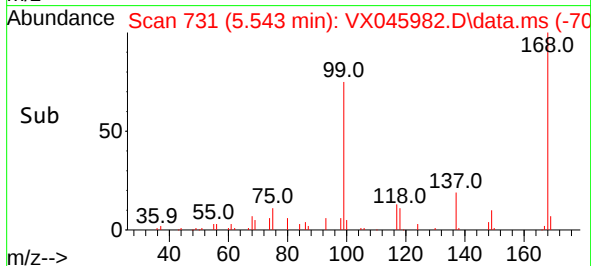
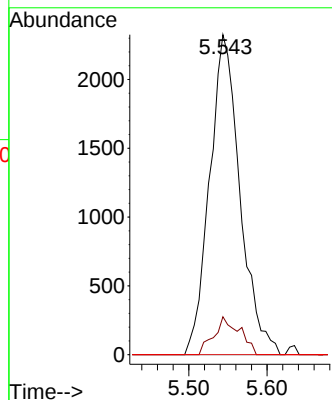
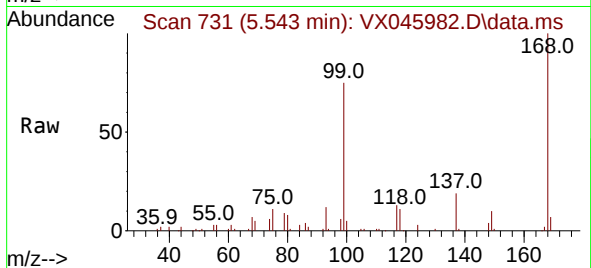
Tgt Ion: 75 Resp: 6272

Ion Ratio Lower Upper

75 100

110 10.0 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.873 ug/l

RT: 5.543 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045982.D

Acq: 29 Apr 2025 15:08

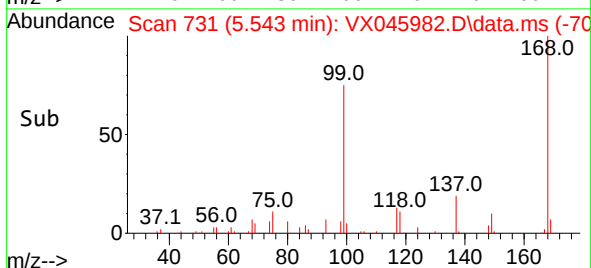
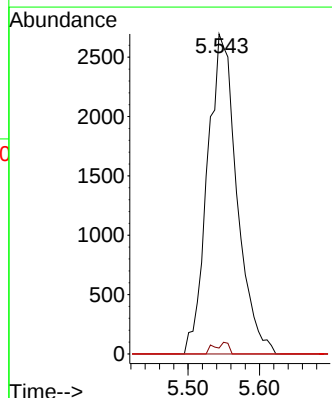
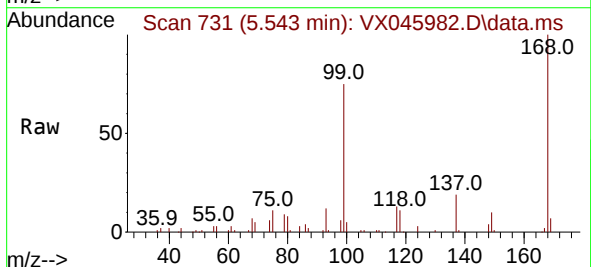
Tgt Ion: 117 Resp: 7716

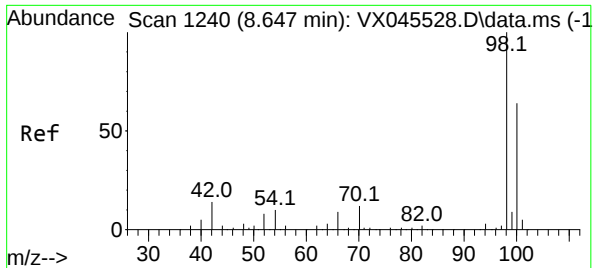
Ion Ratio Lower Upper

117 100

119 1.9 76.9 115.3#

121 0.0 24.2 36.2#

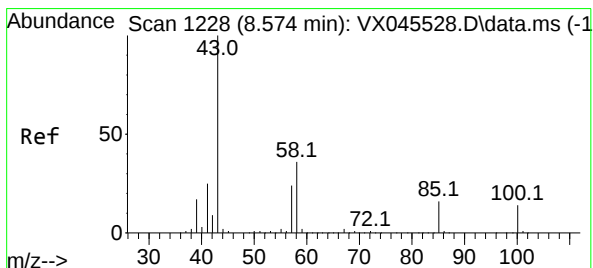
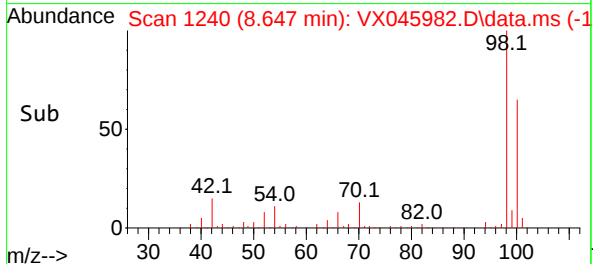
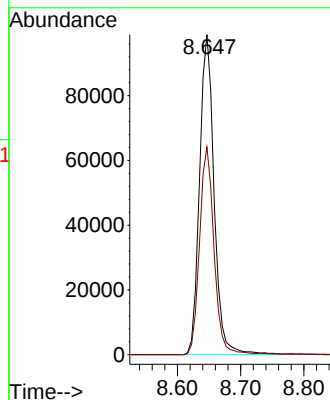
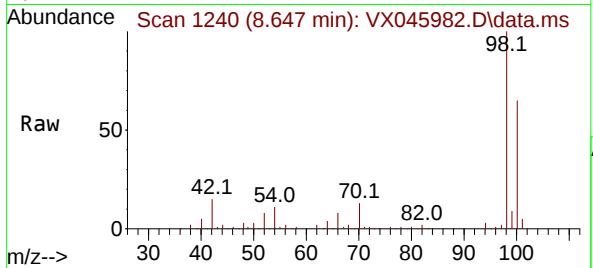




#50
Toluene-d8
Concen: 50.505 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045982.D
Acq: 29 Apr 2025 15:08

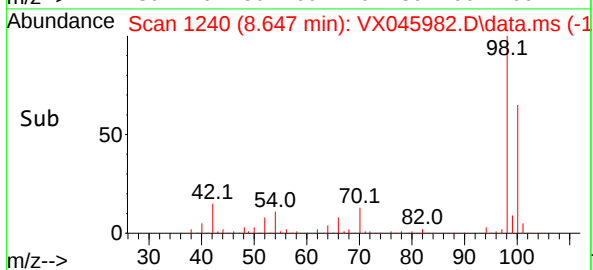
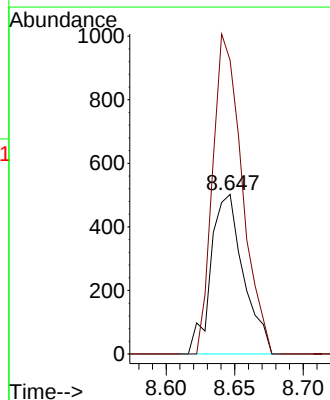
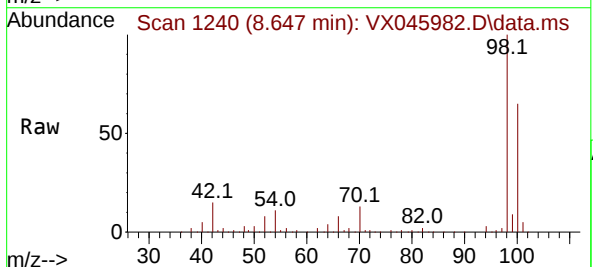
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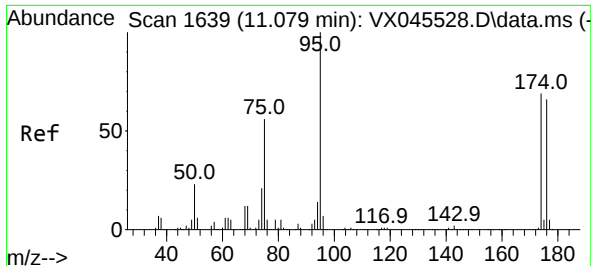
Tgt Ion: 98 Resp: 158707
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.539 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045982.D
Acq: 29 Apr 2025 15:08

Tgt Ion: 43 Resp: 830
Ion Ratio Lower Upper
43 100
58 180.8 28.5 42.7#

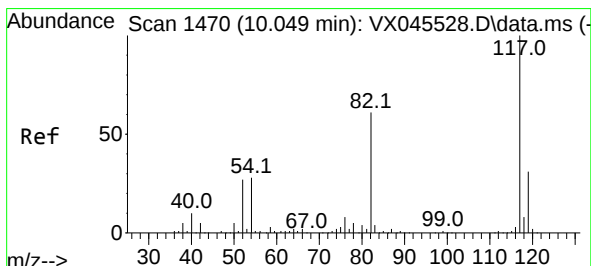
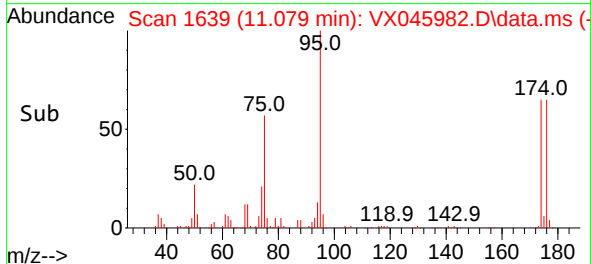
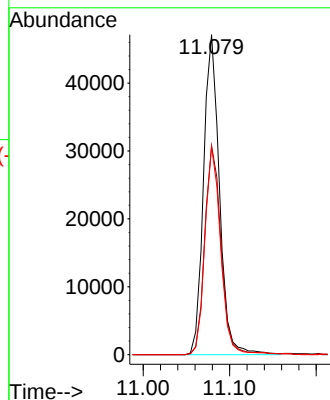
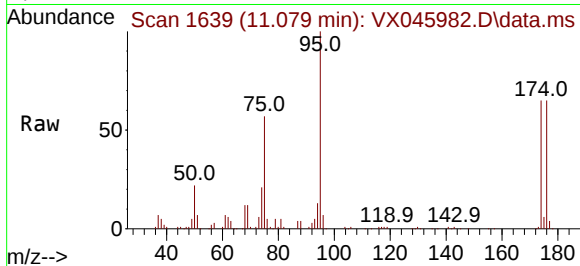




#62
4-Bromofluorobenzene
Concen: 52.590 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045982.D
Acq: 29 Apr 2025 15:08

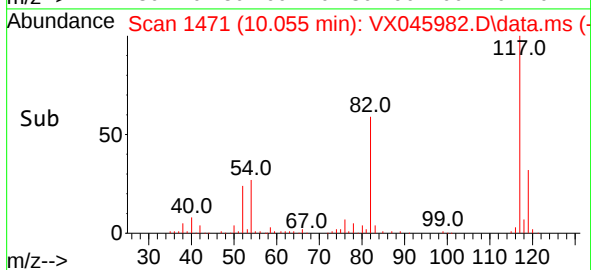
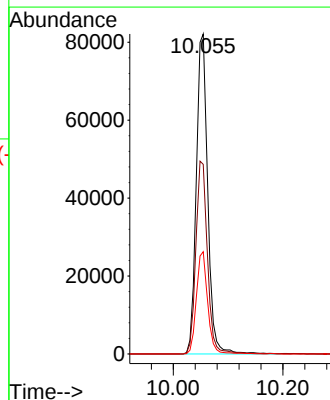
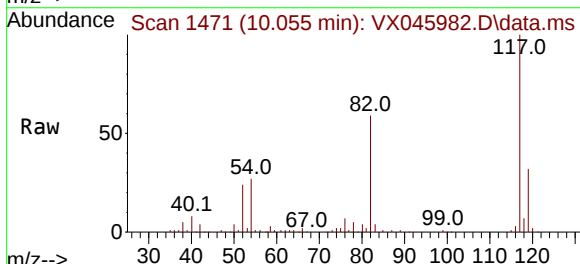
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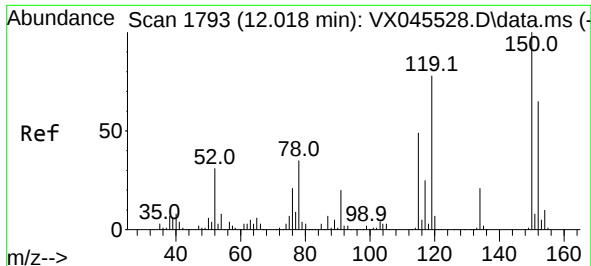
Tgt Ion: 95 Resp: 60196
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.8
176 64.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045982.D
Acq: 29 Apr 2025 15:08

Tgt Ion: 117 Resp: 119657
Ion Ratio Lower Upper
117 100
82 59.3 49.2 73.8
119 31.9 25.1 37.7

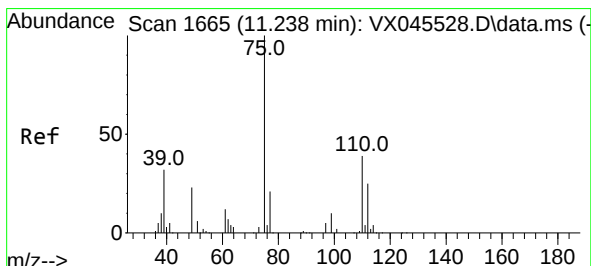
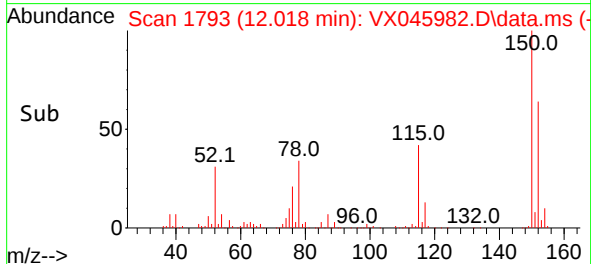
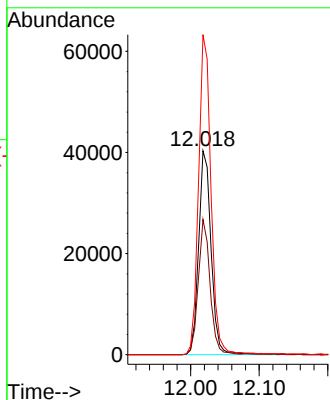
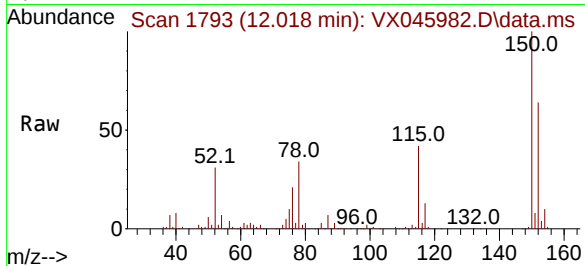




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045982.D
Acq: 29 Apr 2025 15:08

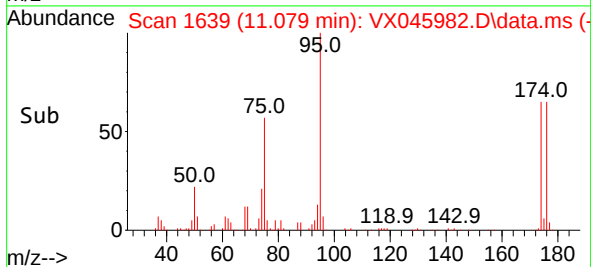
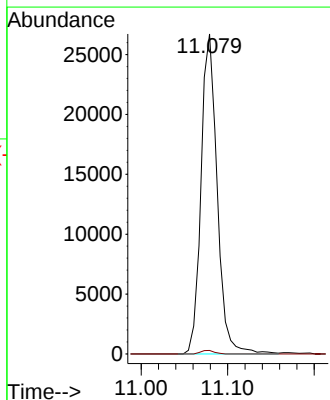
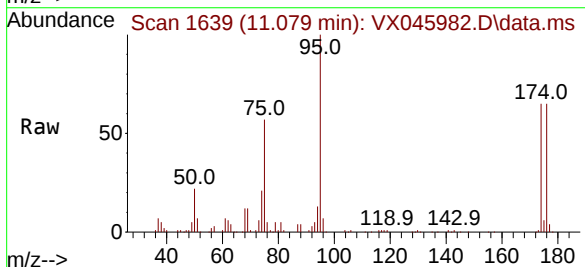
Instrument :
MSVOA_X
ClientSampleId :
IBLK

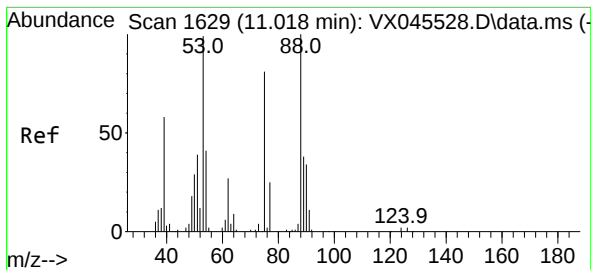
Tgt Ion:152 Resp: 51368
Ion Ratio Lower Upper
152 100
115 62.7 46.9 140.7
150 157.0 0.0 349.4



#76
1,2,3-Trichloropropane
Concen: 27.629 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045982.D
Acq: 29 Apr 2025 15:08

Tgt Ion: 75 Resp: 34619
Ion Ratio Lower Upper
75 100
77 0.9 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.770 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045982.D
 Acq: 29 Apr 2025 15:08

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 34619
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.0 37.2 55.8#

