

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045548.D
 Acq On : 02 Apr 2025 15:41
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 03 01:53:48 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

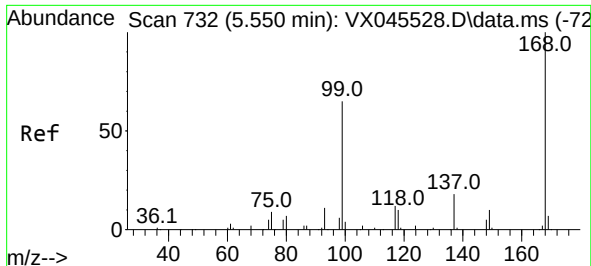
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	60208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	118704	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	110822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	42965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59592	54.123	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.240%	
35) Dibromofluoromethane	5.379	113	43565	51.727	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.460%	
50) Toluene-d8	8.647	98	149249	50.771	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.540%	
62) 4-Bromofluorobenzene	11.079	95	52464	48.997	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	481	0.520	ug/l #	42
16) Acetone	2.380	43	784	1.734	ug/l #	78
20) Methylene Chloride	2.794	84	222	0.262	ug/l #	57
31) Cyclohexane	5.544	56	1898	1.405	ug/l #	35
36) 1,1-Dichloropropene	5.544	75	5909	5.196	ug/l #	49
38) Carbon Tetrachloride	5.550	117	7230	5.883	ug/l #	16
44) Trichloroethene	7.129	130	1067	1.293	ug/l	90
51) 4-Methyl-2-Pentanone	8.647	43	923	0.641	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	29905	28.535	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	29905	96.844	ug/l #	1

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

Quant Time: Apr 03 01:53:48 2025
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Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

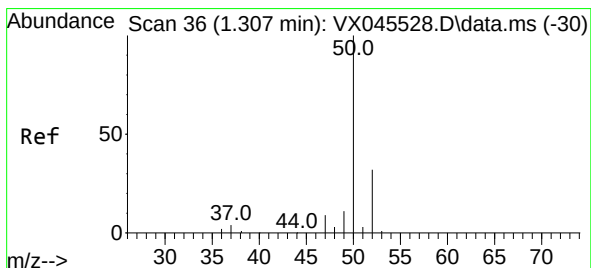
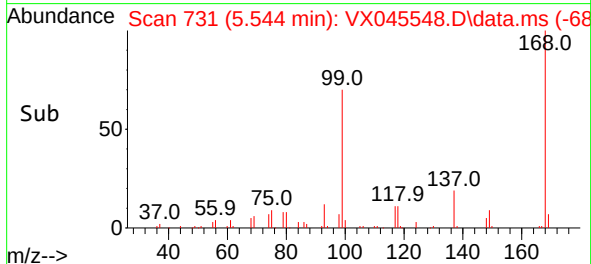
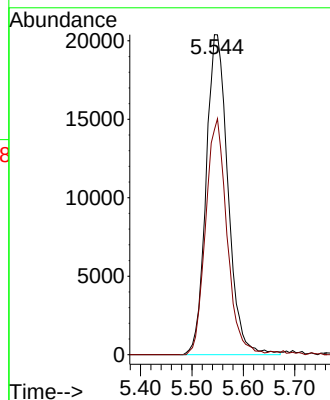
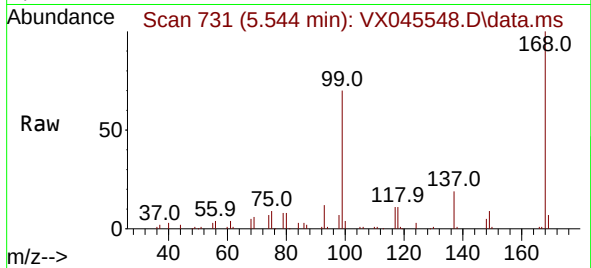




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045548.D
Acq: 02 Apr 2025 15:41

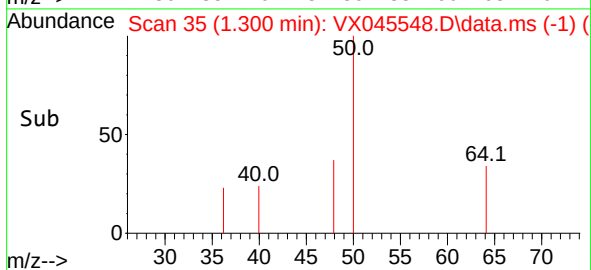
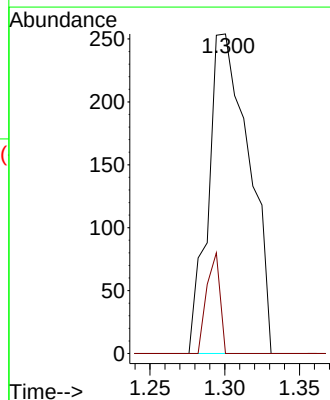
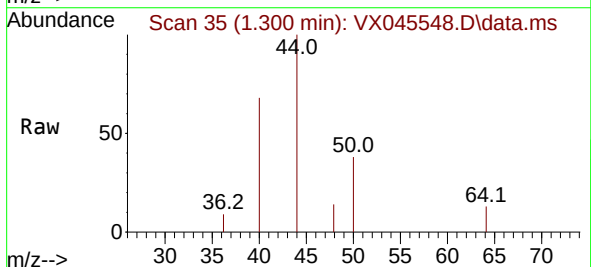
Instrument :
MSVOA_X
ClientSampleId :
IBLK

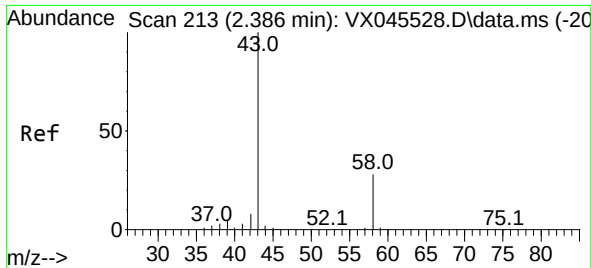
Tgt Ion:168 Resp: 60208
Ion Ratio Lower Upper
168 100
99 70.3 52.3 78.5



#3
Chloromethane
Concen: 0.520 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045548.D
Acq: 02 Apr 2025 15:41

Tgt Ion: 50 Resp: 481
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

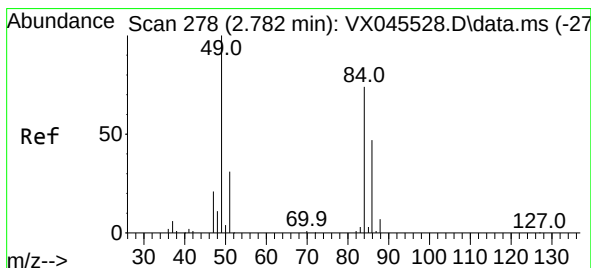
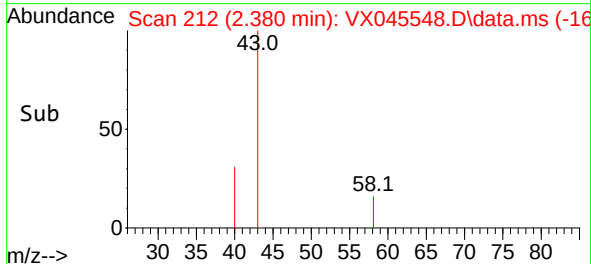
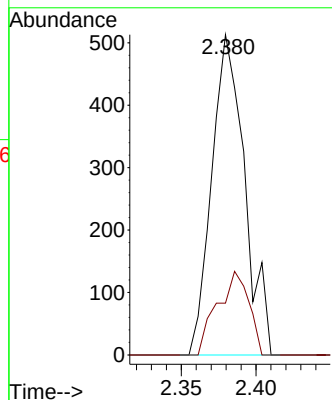
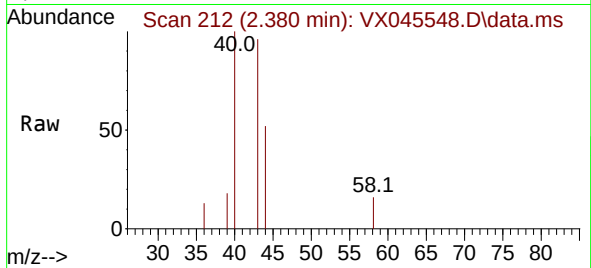




#16
Acetone
Concen: 1.734 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045548.D
Acq: 02 Apr 2025 15:41

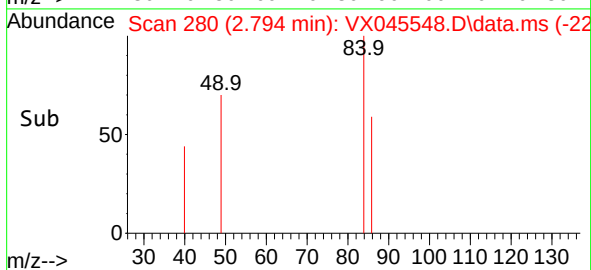
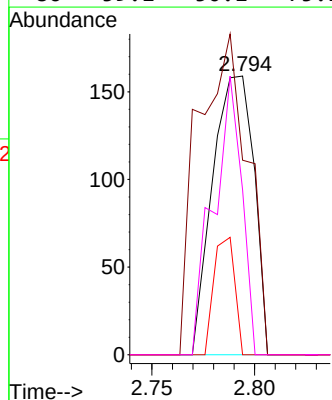
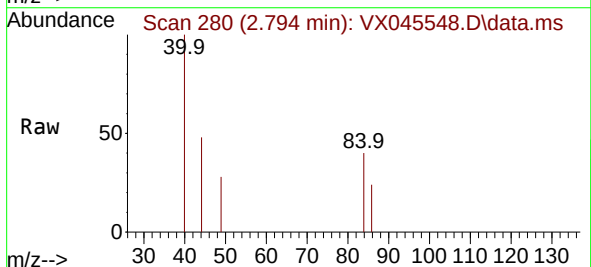
Instrument :
MSVOA_X
ClientSampleId :
IBLK

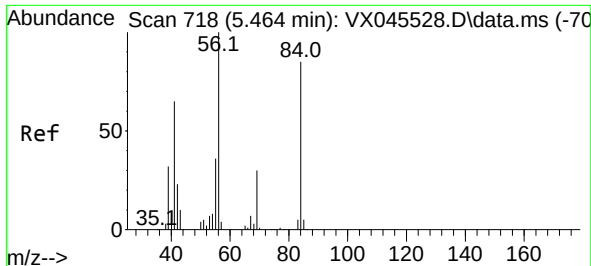
Tgt Ion: 43 Resp: 784
Ion Ratio Lower Upper
43 100
58 16.2 22.3 33.5#



#20
Methylene Chloride
Concen: 0.262 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.012 min
Lab File: VX045548.D
Acq: 02 Apr 2025 15:41

Tgt Ion: 84 Resp: 222
Ion Ratio Lower Upper
84 100
49 69.8 107.5 161.3#
51 0.0 33.0 49.6#
86 59.1 50.1 75.1

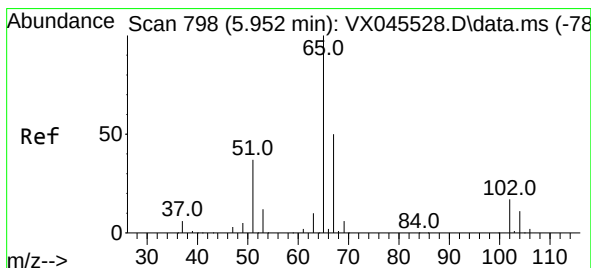
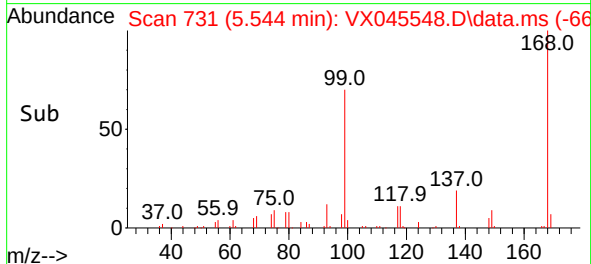
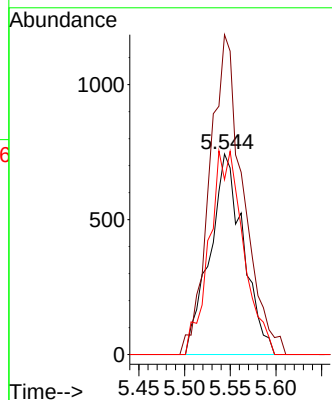
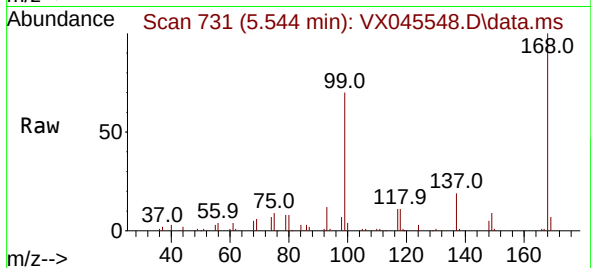




#31
Cyclohexane
Concen: 1.405 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045548.D
Acq: 02 Apr 2025 15:41

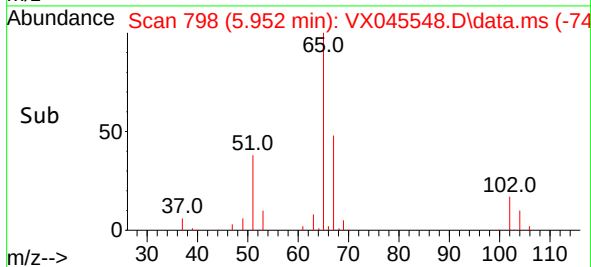
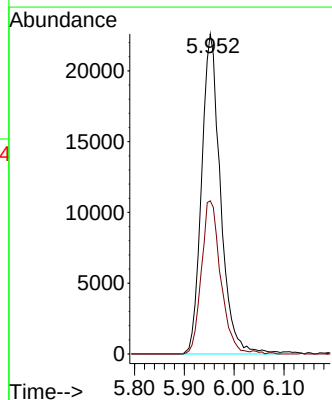
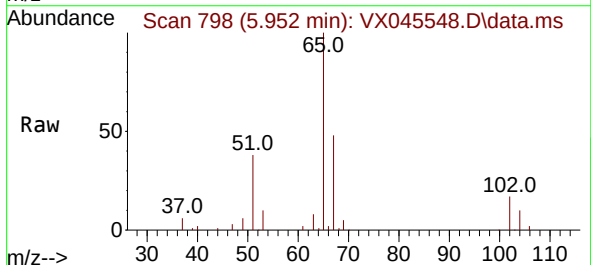
Instrument :
MSVOA_X
ClientSampleId :
IBLK

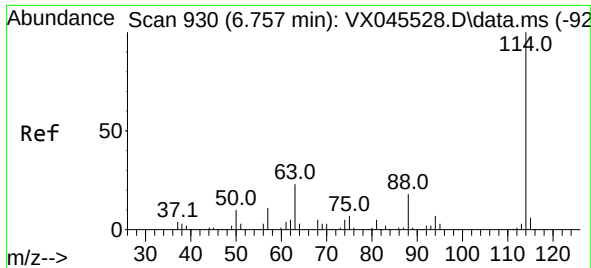
Tgt Ion: 56 Resp: 1898
Ion Ratio Lower Upper
56 100
69 159.5 23.6 35.4#
84 87.2 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 54.123 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045548.D
Acq: 02 Apr 2025 15:41

Tgt Ion: 65 Resp: 59592
Ion Ratio Lower Upper
65 100
67 48.5 0.0 99.0

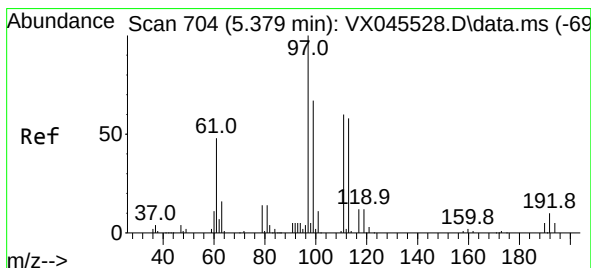
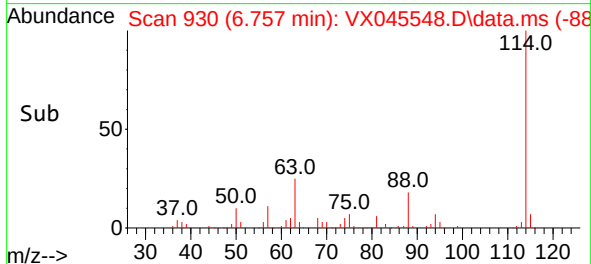
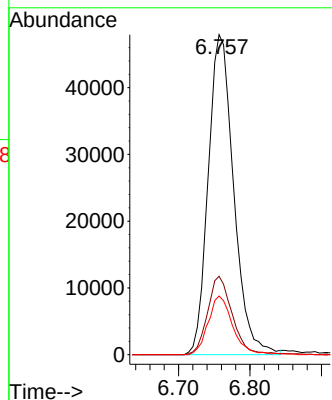
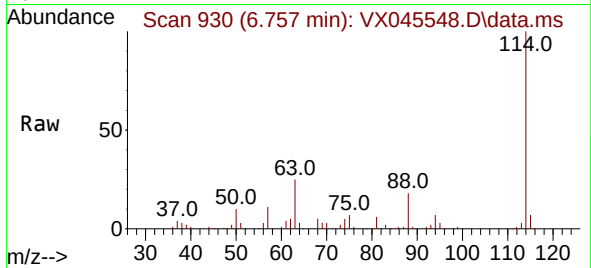




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045548.D
Acq: 02 Apr 2025 15:41

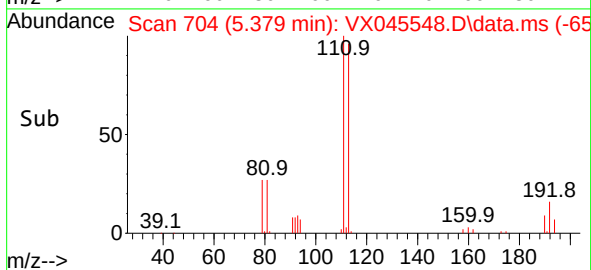
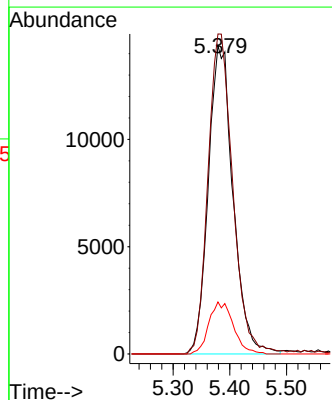
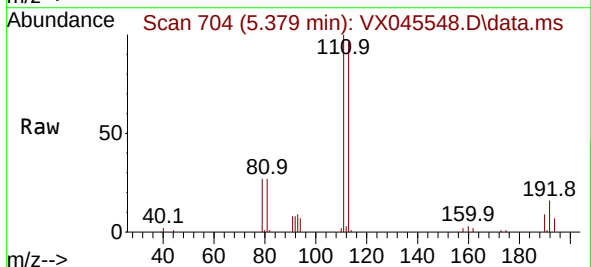
Instrument :
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ClientSampleId :
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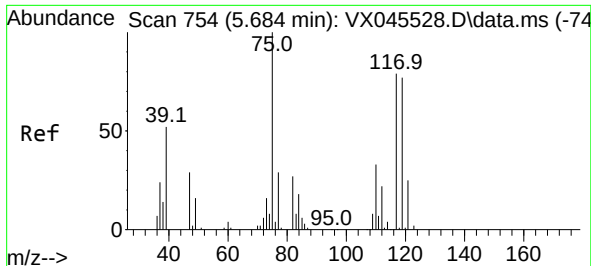
Tgt Ion:114 Resp: 118704
Ion Ratio Lower Upper
114 100
63 24.5 0.0 46.8
88 18.4 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.727 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045548.D
Acq: 02 Apr 2025 15:41

Tgt Ion:113 Resp: 43565
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.6
192 16.7 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.196 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045548.D

Acq: 02 Apr 2025 15:41

Instrument :

MSVOA_X

ClientSampleId :

IBLK

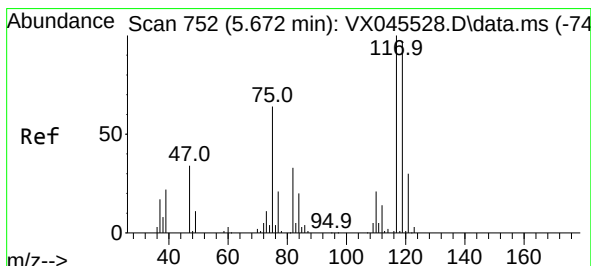
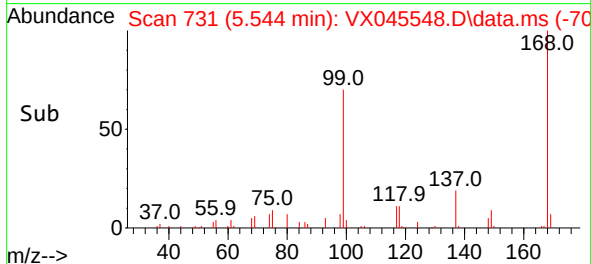
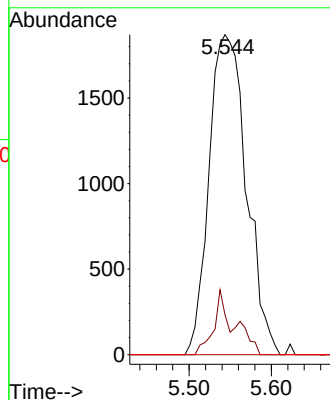
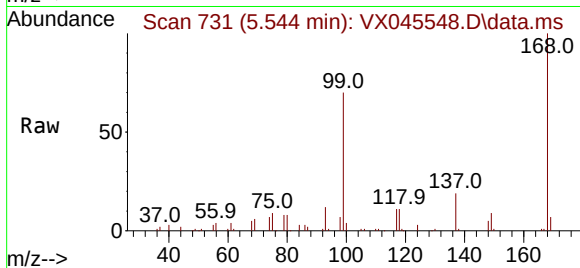
Tgt Ion: 75 Resp: 5909

Ion Ratio Lower Upper

75 100

110 7.9 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.883 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX045548.D

Acq: 02 Apr 2025 15:41

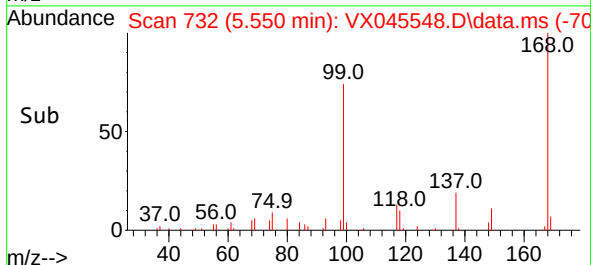
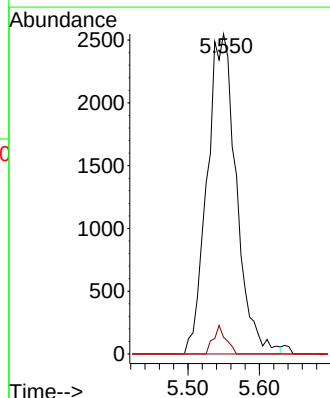
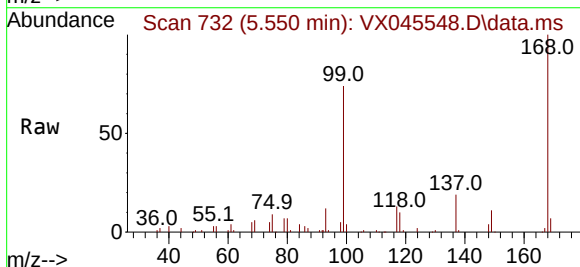
Tgt Ion: 117 Resp: 7230

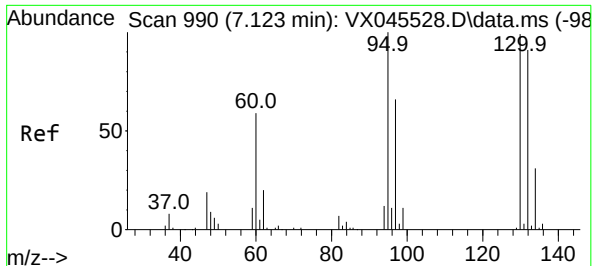
Ion Ratio Lower Upper

117 100

119 5.2 76.9 115.3#

121 0.0 24.2 36.2#

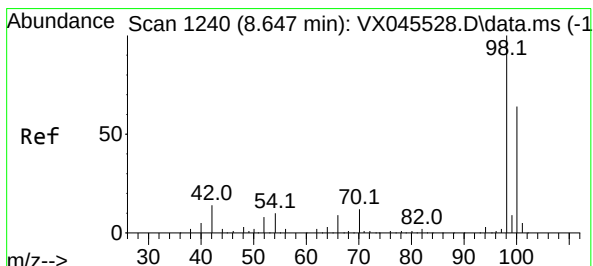
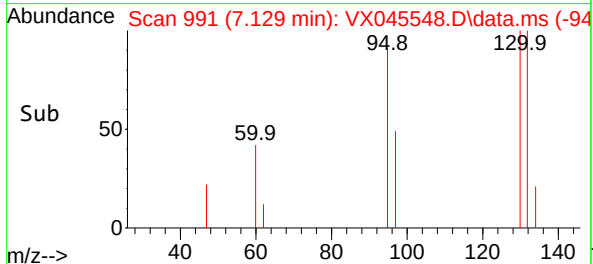
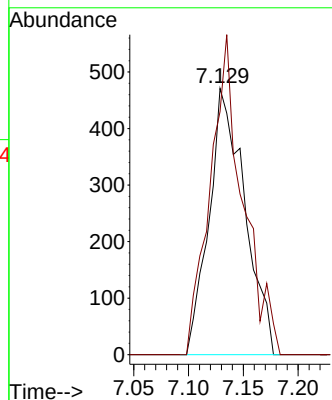
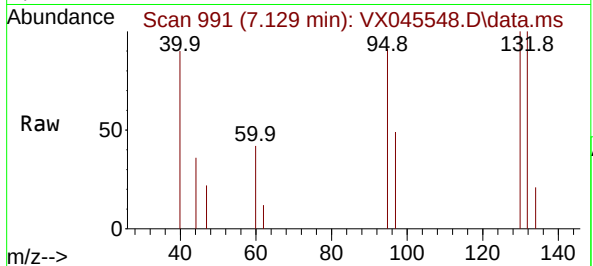




#44
 Trichloroethene
 Concen: 1.293 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX045548.D
 Acq: 02 Apr 2025 15:41

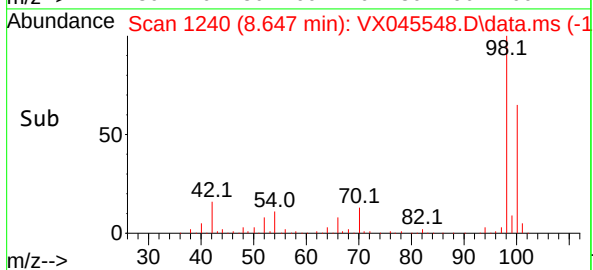
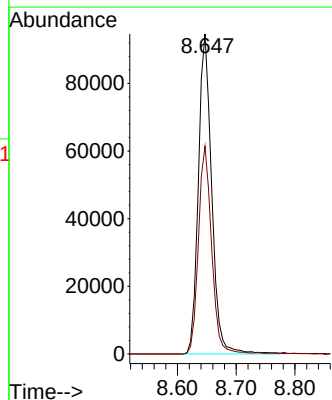
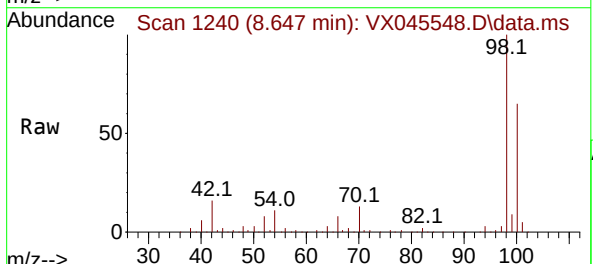
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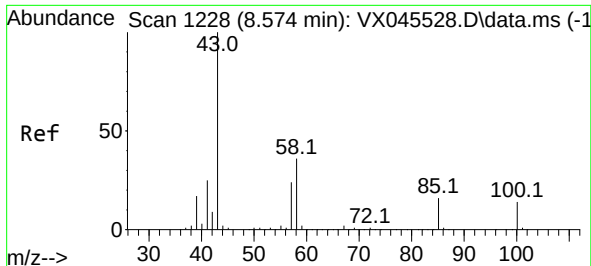
Tgt Ion:130 Resp: 1067
 Ion Ratio Lower Upper
 130 100
 95 91.3 0.0 202.0



#50
 Toluene-d8
 Concen: 50.771 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX045548.D
 Acq: 02 Apr 2025 15:41

Tgt Ion: 98 Resp: 149249
 Ion Ratio Lower Upper
 98 100
 100 63.9 52.2 78.4

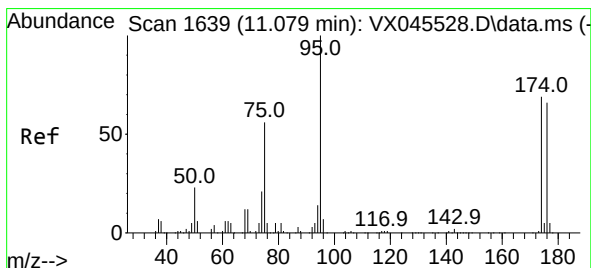
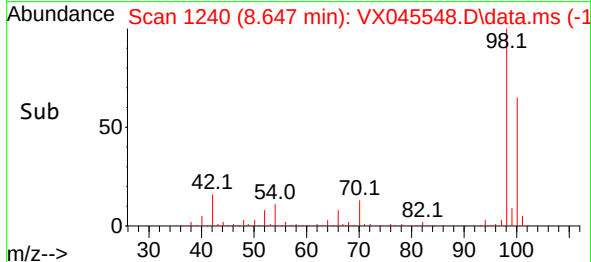
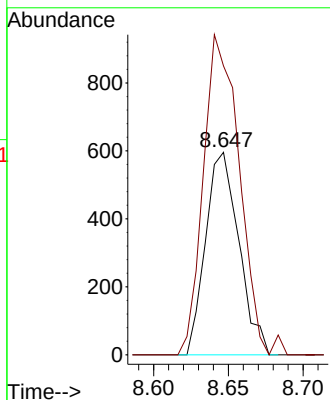
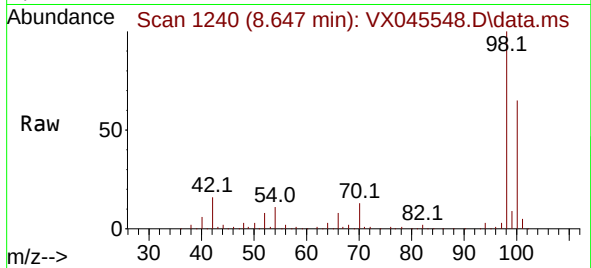




#51
4-Methyl-2-Pentanone
Concen: 0.641 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045548.D
Acq: 02 Apr 2025 15:41

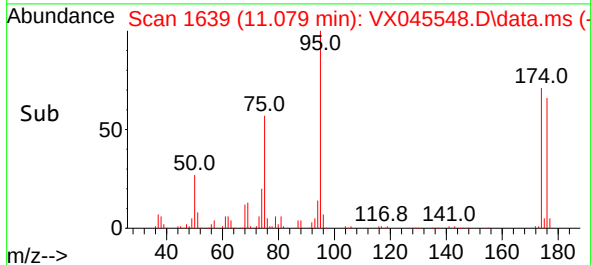
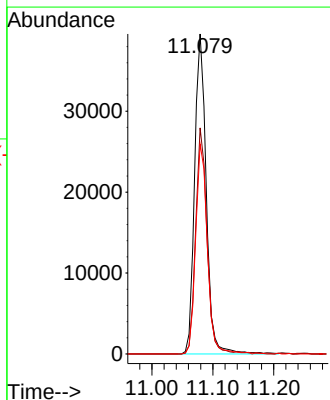
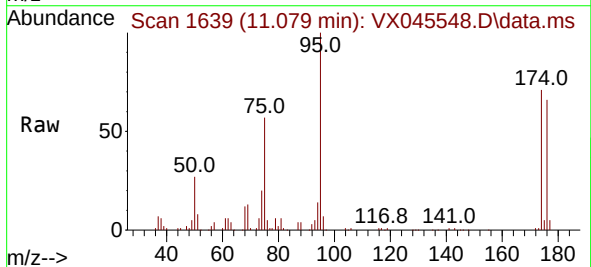
Instrument :
MSVOA_X
ClientSampleId :
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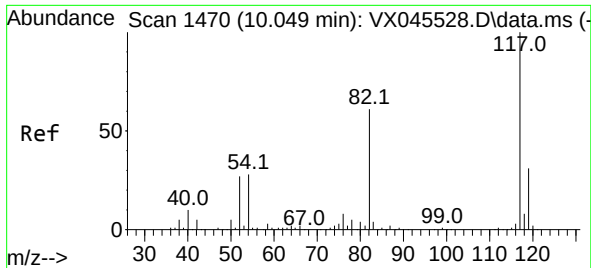
Tgt Ion: 43 Resp: 923
Ion Ratio Lower Upper
43 100
58 171.0 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 48.997 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045548.D
Acq: 02 Apr 2025 15:41

Tgt Ion: 95 Resp: 52464
Ion Ratio Lower Upper
95 100
174 68.3 0.0 135.8
176 65.8 0.0 131.4

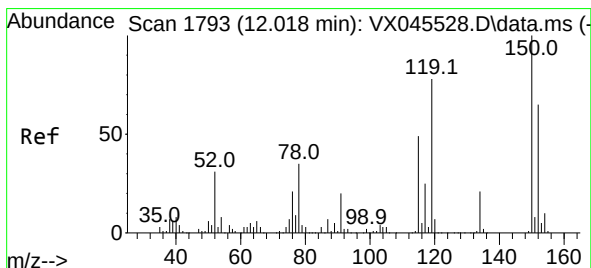
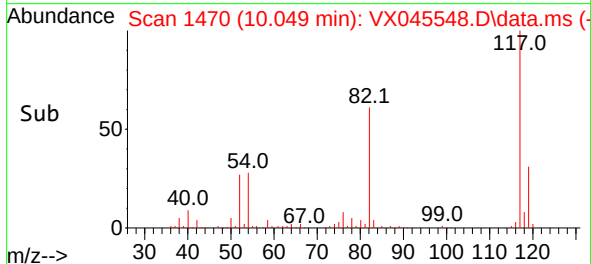
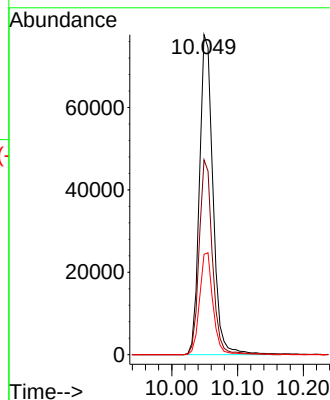
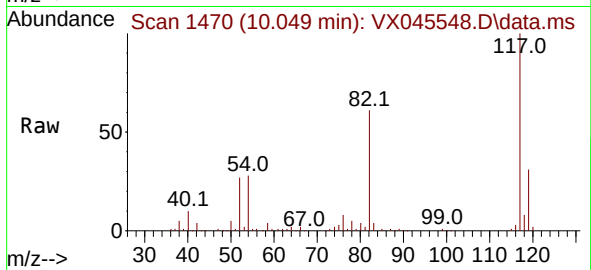




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045548.D
Acq: 02 Apr 2025 15:41

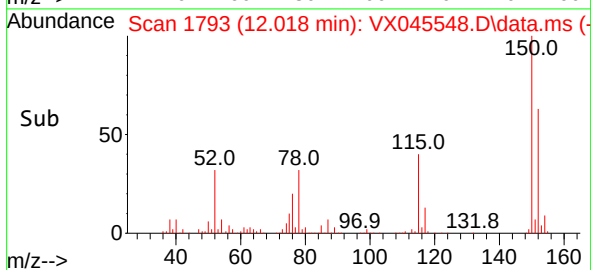
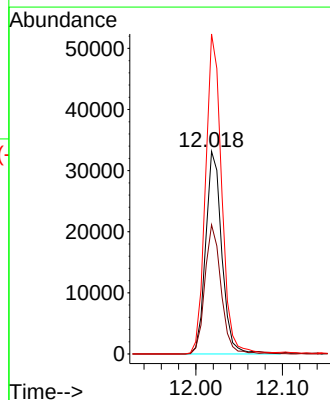
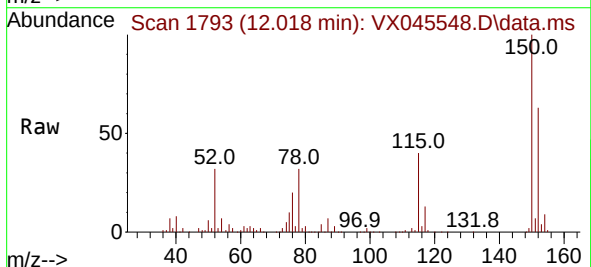
Instrument :
MSVOA_X
ClientSampleId :
IBLK

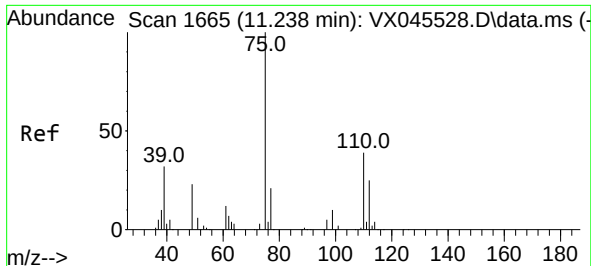
Tgt Ion:117 Resp: 110822
Ion Ratio Lower Upper
117 100
82 60.9 49.2 73.8
119 31.4 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045548.D
Acq: 02 Apr 2025 15:41

Tgt Ion:152 Resp: 42965
Ion Ratio Lower Upper
152 100
115 63.8 46.9 140.7
150 157.4 0.0 349.4

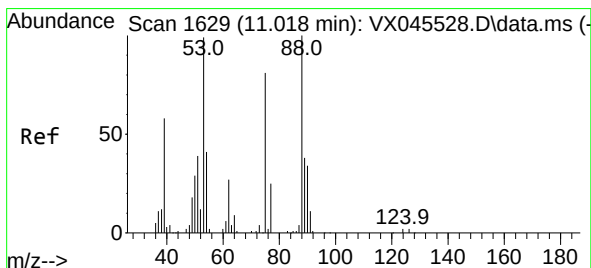
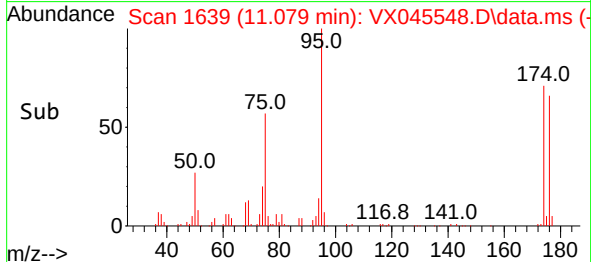
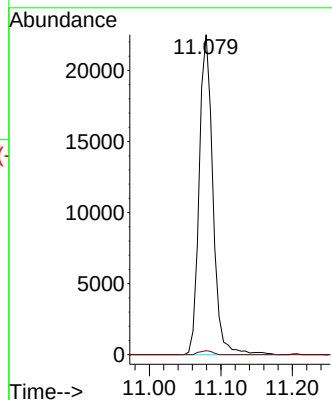
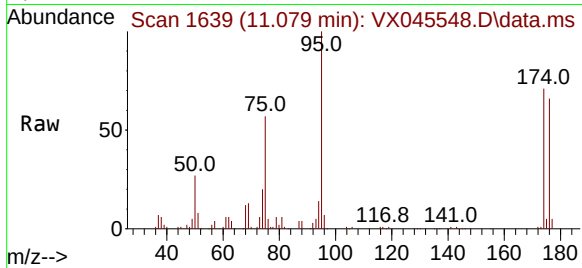




#76
1,2,3-Trichloropropane
Concen: 28.535 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045548.D
Acq: 02 Apr 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 29905
Ion Ratio Lower Upper
75 100
77 1.2 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.844 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045548.D
Acq: 02 Apr 2025 15:41

Tgt Ion: 75 Resp: 29905
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.2 37.2 55.8#

