

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040325\
 Data File : VX045570.D
 Acq On : 03 Apr 2025 14:50
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 04 01:23:19 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)

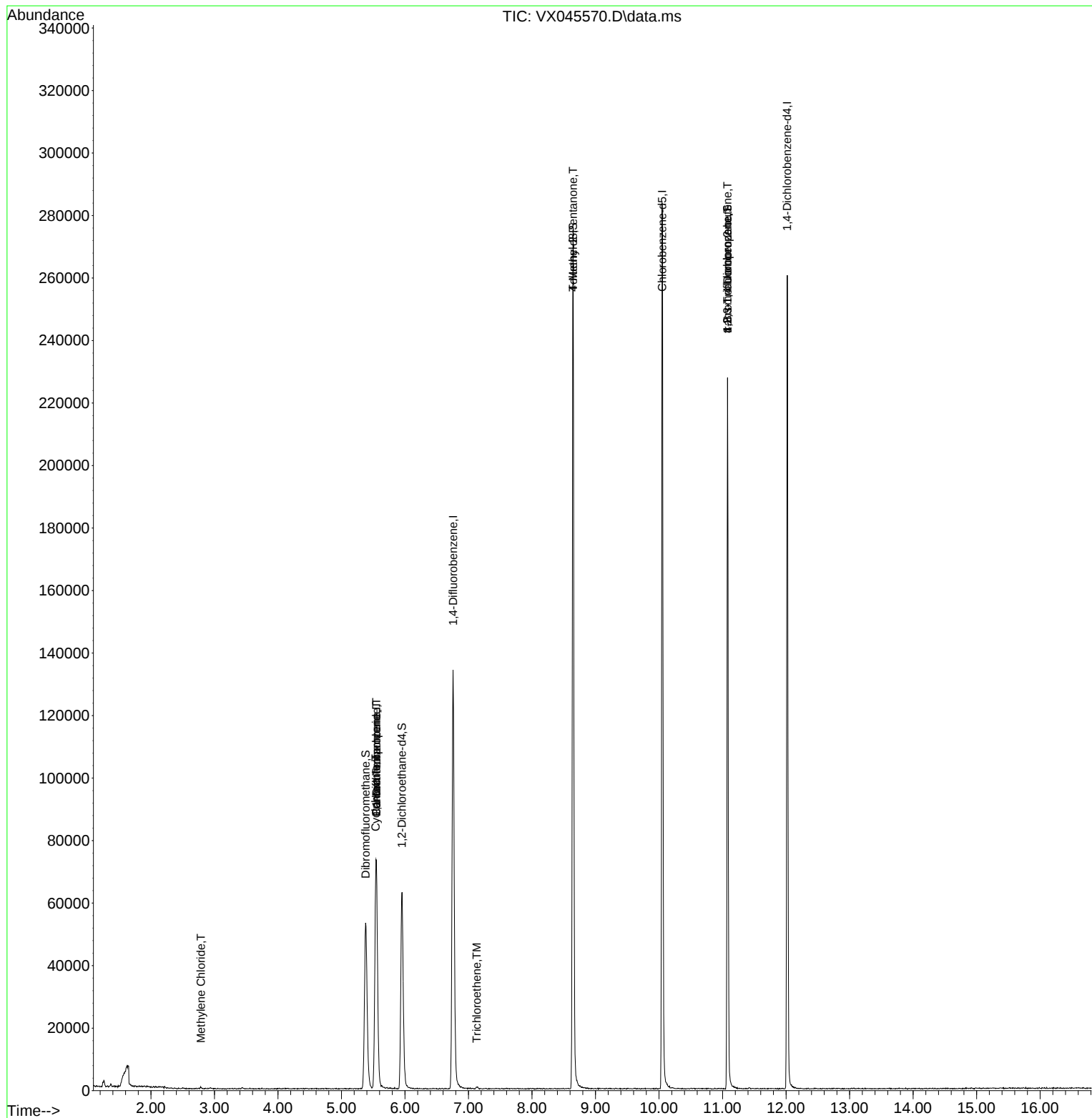
Internal Standards						
1) Pentafluorobenzene	5.550	168	64483	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125653	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63953	54.233	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.460%			
35) Dibromofluoromethane	5.379	113	45166	50.662	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.320%			
50) Toluene-d8	8.647	98	158139	50.820	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.640%			
62) 4-Bromofluorobenzene	11.079	95	57629	50.844	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.680%			
Target Compounds						Qvalue
20) Methylene Chloride	2.788	84	218	0.240	ug/l #	73
31) Cyclohexane	5.538	56	2004	1.385	ug/l #	50
36) 1,1-Dichloropropene	5.550	75	6421	5.334	ug/l #	49
38) Carbon Tetrachloride	5.550	117	7283	5.598	ug/l #	16
44) Trichloroethene	7.129	130	237	0.271	ug/l	35
51) 4-Methyl-2-Pentanone	8.647	43	845	0.554	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34056	29.153	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34056	98.942	ug/l #	1

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

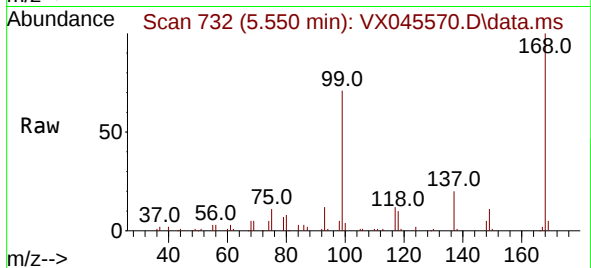
Quant Time: Apr 04 01:23:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



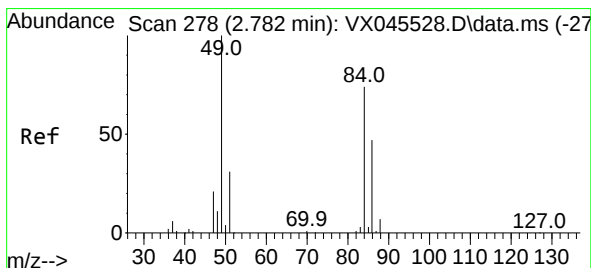
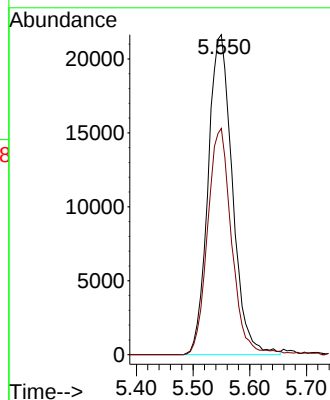
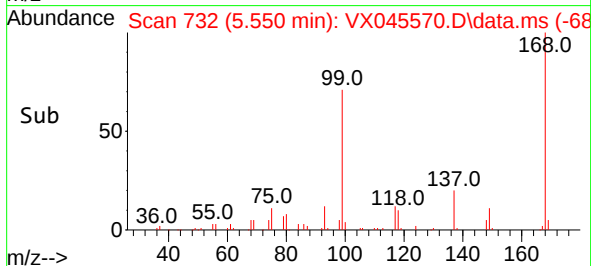


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045570.D
Acq: 03 Apr 2025 14:50

Instrument :
MSVOA_X
ClientSampleId :
IBLK

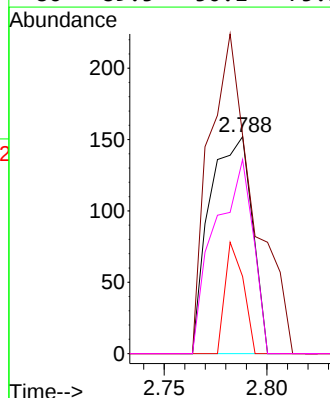
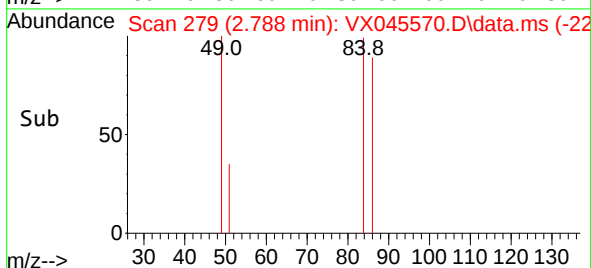
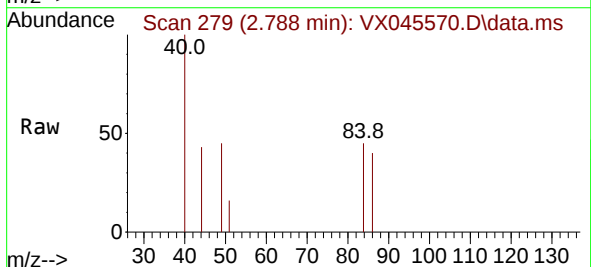


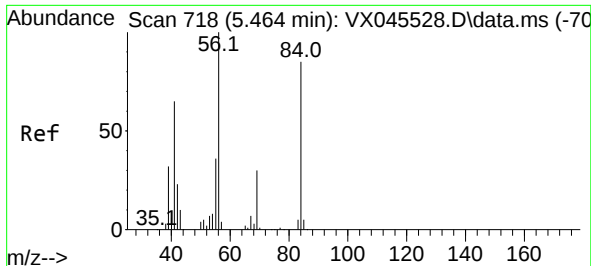
Tgt Ion:168 Resp: 64483
Ion Ratio Lower Upper
168 100
99 70.7 52.3 78.5



#20
Methylene Chloride
Concen: 0.240 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045570.D
Acq: 03 Apr 2025 14:50

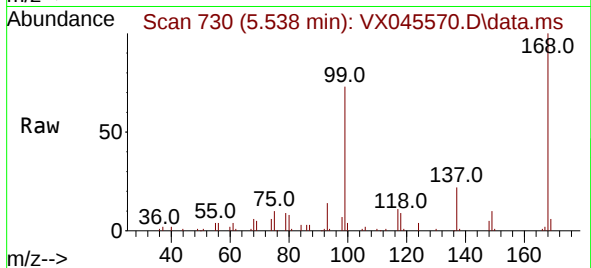
Tgt Ion: 84 Resp: 218
Ion Ratio Lower Upper
84 100
49 100.7 107.5 161.3#
51 35.5 33.0 49.6
86 89.5 50.1 75.1#



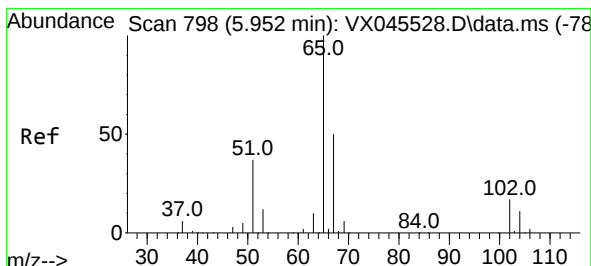
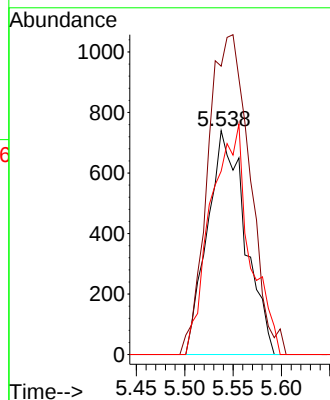
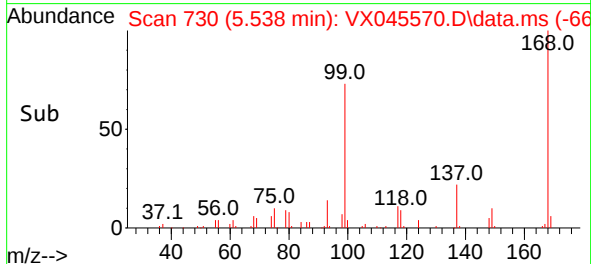


#31
Cyclohexane
Concen: 1.385 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX045570.D
Acq: 03 Apr 2025 14:50

Instrument :
MSVOA_X
ClientSampleId :
IBLK

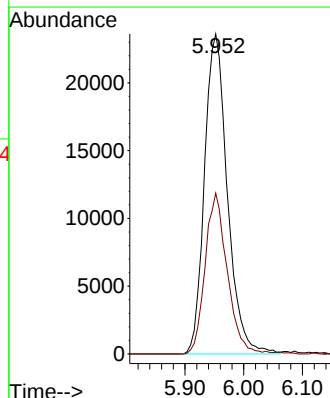
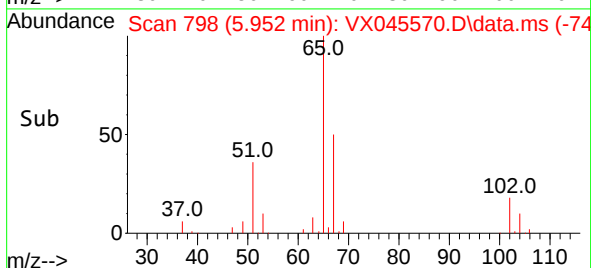
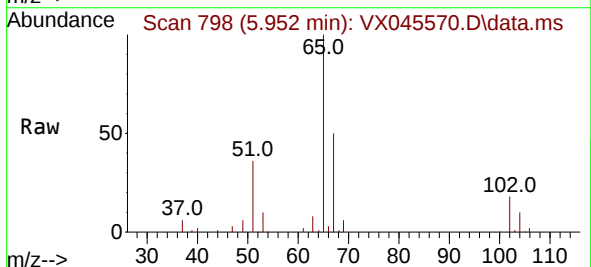


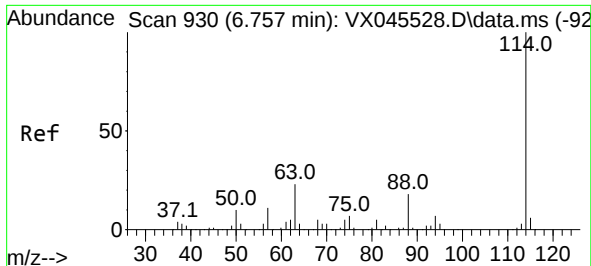
Tgt Ion: 56 Resp: 2004
Ion Ratio Lower Upper
56 100
69 128.8 23.6 35.4#
84 81.9 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 54.233 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045570.D
Acq: 03 Apr 2025 14:50

Tgt Ion: 65 Resp: 63953
Ion Ratio Lower Upper
65 100
67 48.4 0.0 99.0

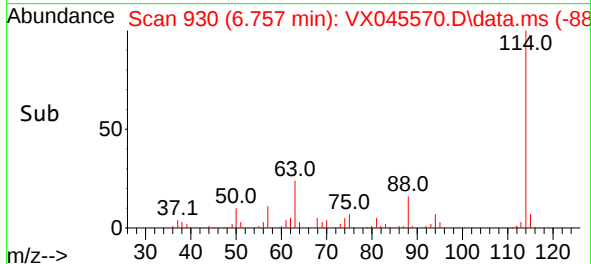
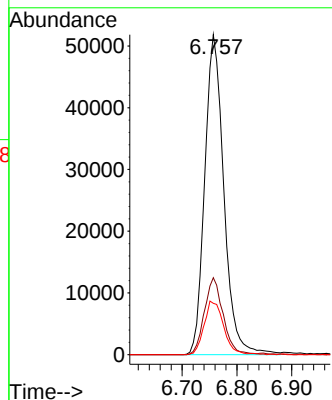
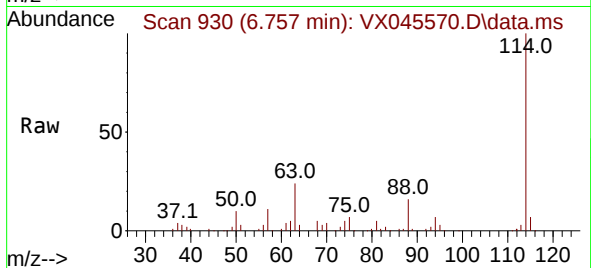




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045570.D
Acq: 03 Apr 2025 14:50

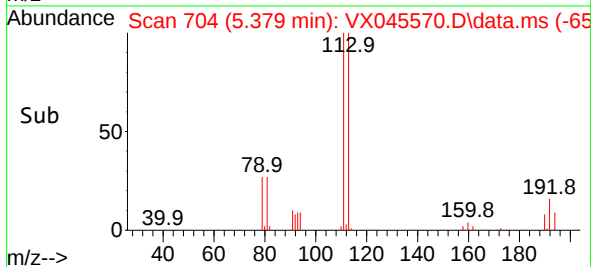
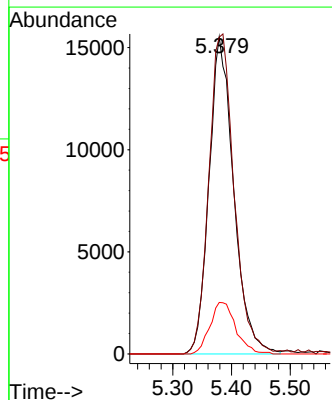
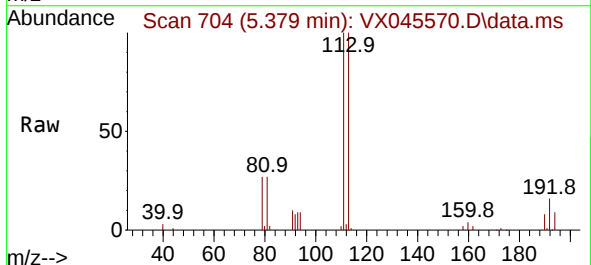
Instrument :
MSVOA_X
ClientSampleId :
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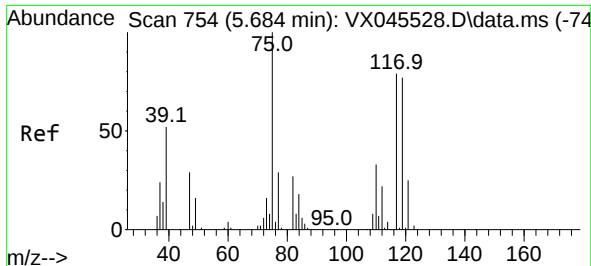
Tgt Ion:114 Resp: 125653
Ion Ratio Lower Upper
114 100
63 24.0 0.0 46.8
88 16.1 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.662 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045570.D
Acq: 03 Apr 2025 14:50

Tgt Ion:113 Resp: 45166
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.6
192 17.1 13.8 20.6

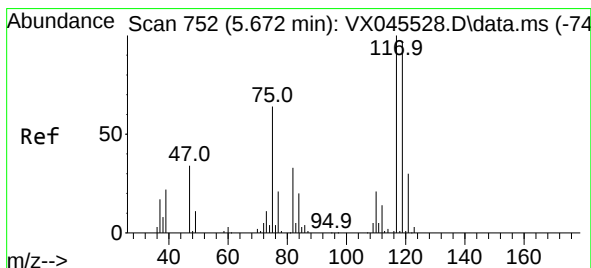
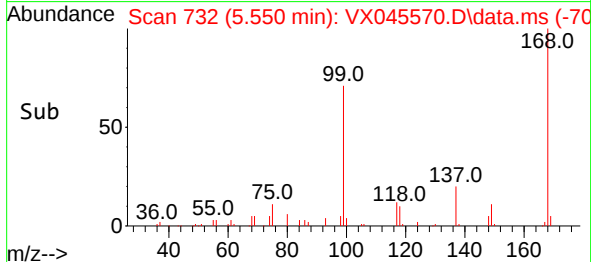
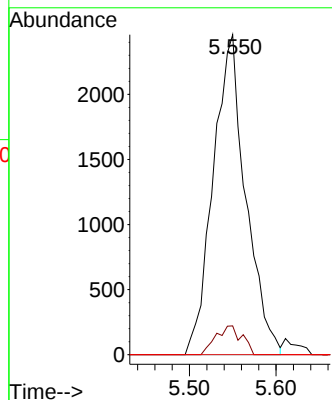
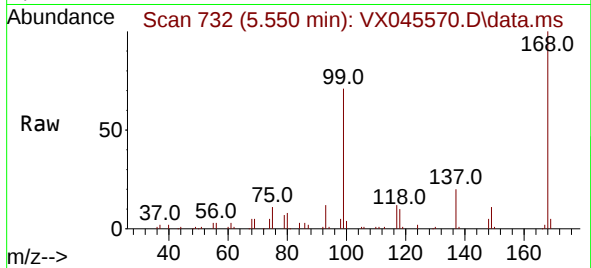




#36
1,1-Dichloropropene
Concen: 5.334 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.134 min
Lab File: VX045570.D
Acq: 03 Apr 2025 14:50

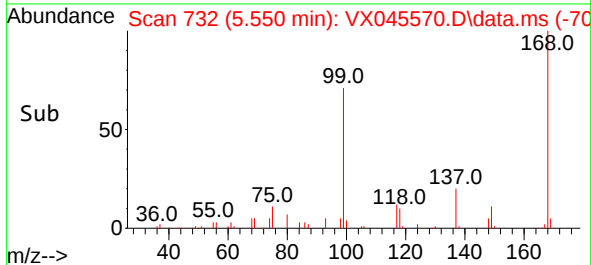
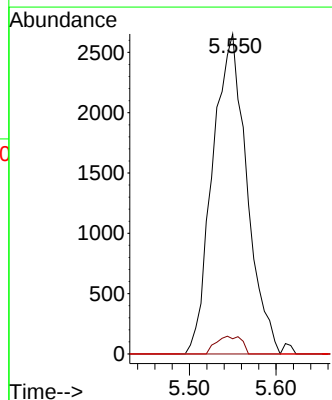
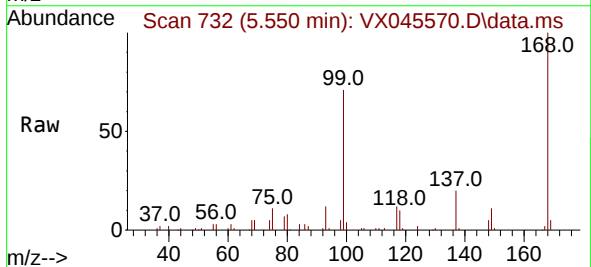
Instrument :
MSVOA_X
ClientSampleId :
IBLK

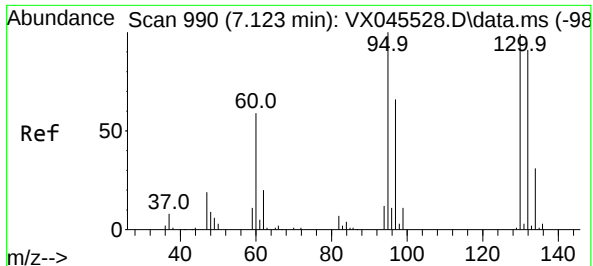
Tgt Ion: 75 Resp: 6421
Ion Ratio Lower Upper
75 100
110 7.2 16.9 50.6#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.598 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX045570.D
Acq: 03 Apr 2025 14:50

Tgt Ion: 117 Resp: 7283
Ion Ratio Lower Upper
117 100
119 4.7 76.9 115.3#
121 0.0 24.2 36.2#

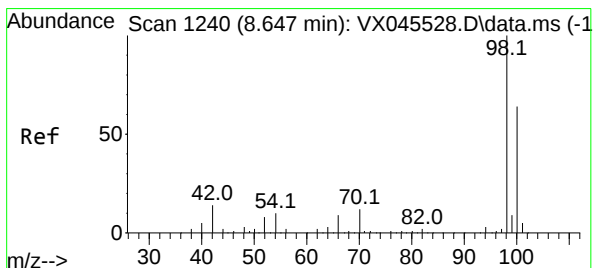
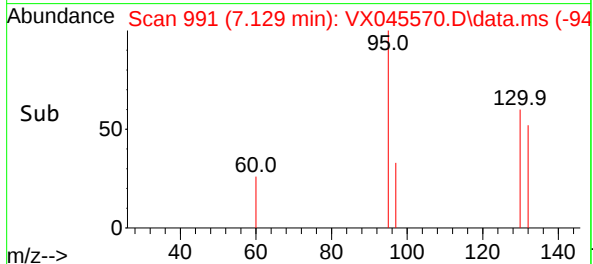
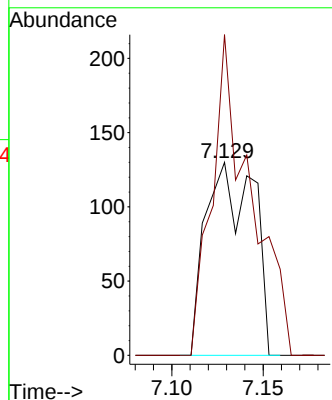
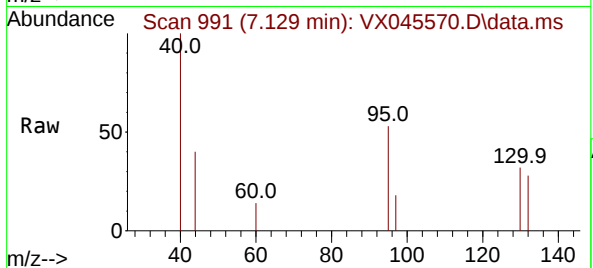




#44
 Trichloroethene
 Concen: 0.271 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX045570.D
 Acq: 03 Apr 2025 14:50

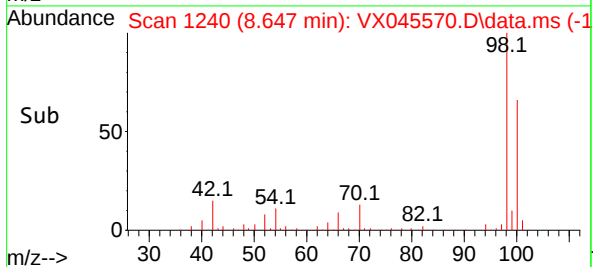
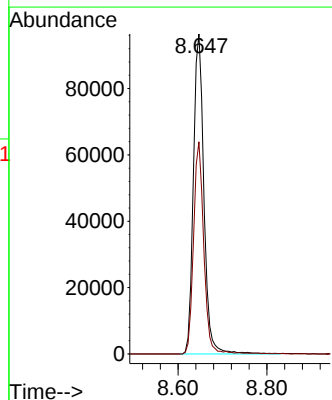
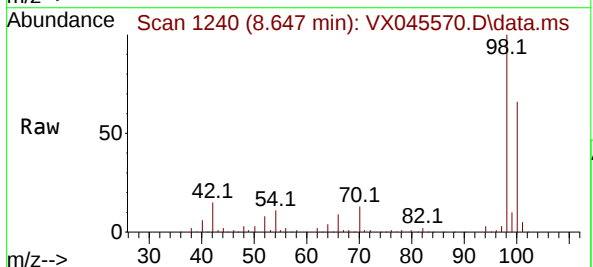
Instrument :
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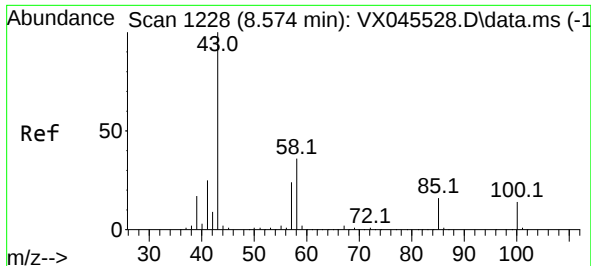
Tgt Ion:130 Resp: 237
 Ion Ratio Lower Upper
 130 100
 95 166.2 0.0 202.0



#50
 Toluene-d8
 Concen: 50.820 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX045570.D
 Acq: 03 Apr 2025 14:50

Tgt Ion: 98 Resp: 158139
 Ion Ratio Lower Upper
 98 100
 100 64.3 52.2 78.4

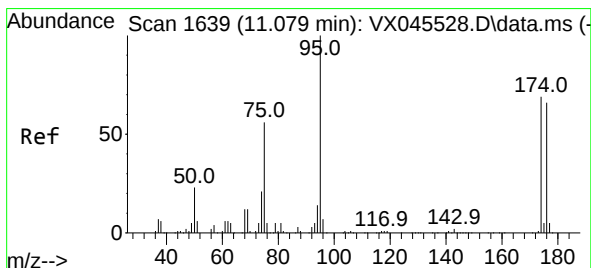
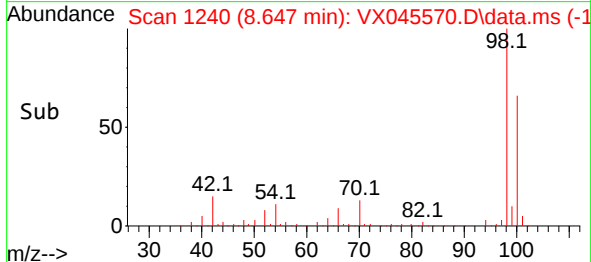
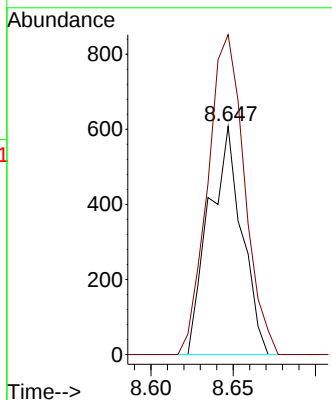
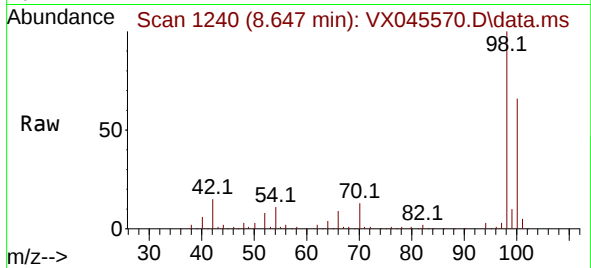




#51
4-Methyl-2-Pentanone
Concen: 0.554 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045570.D
Acq: 03 Apr 2025 14:50

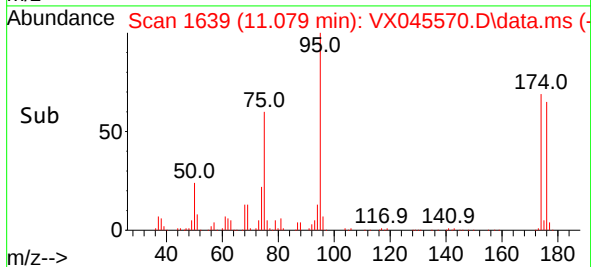
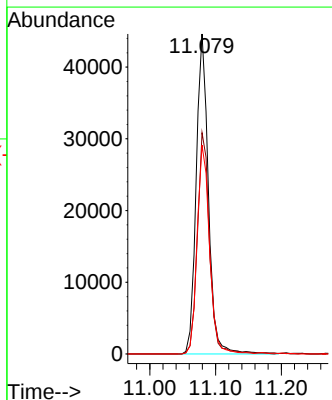
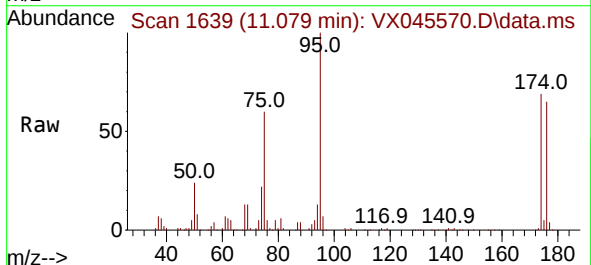
Instrument :
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IBLK

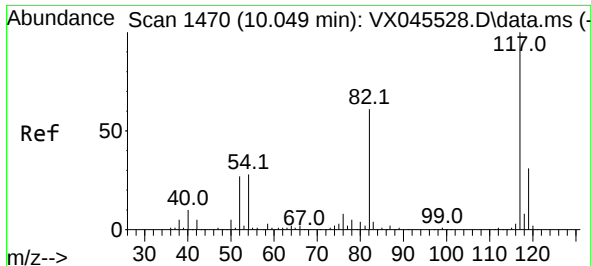
Tgt Ion: 43 Resp: 845
Ion Ratio Lower Upper
43 100
58 156.4 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 50.844 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045570.D
Acq: 03 Apr 2025 14:50

Tgt Ion: 95 Resp: 57629
Ion Ratio Lower Upper
95 100
174 68.8 0.0 135.8
176 66.6 0.0 131.4

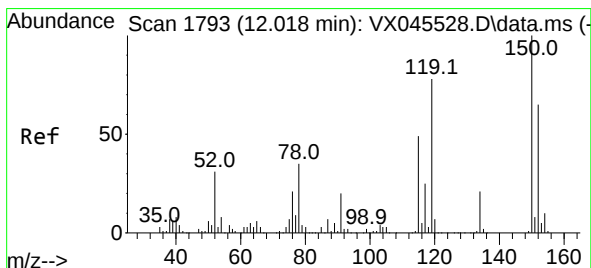
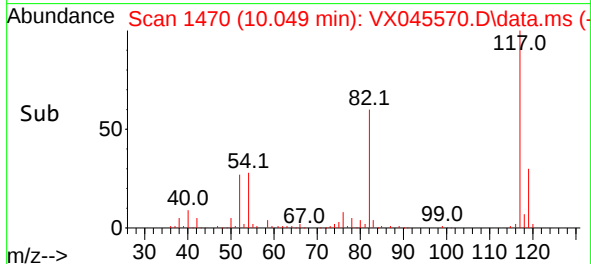
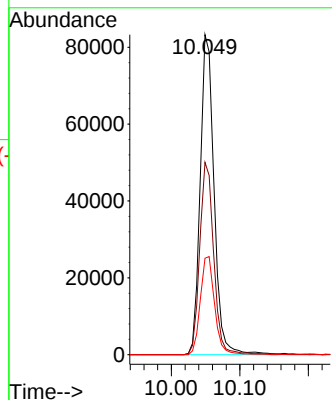
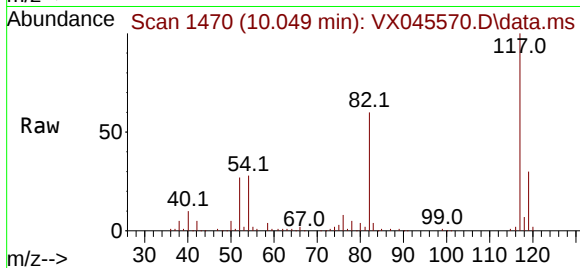




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045570.D
Acq: 03 Apr 2025 14:50

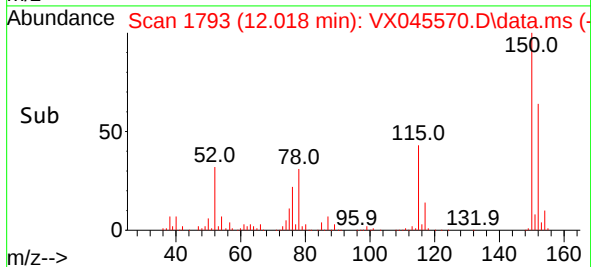
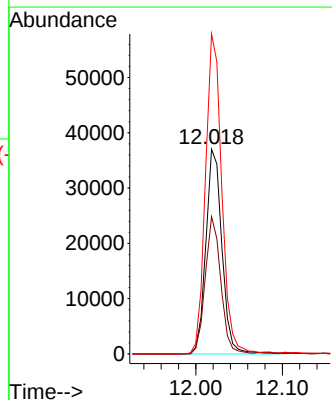
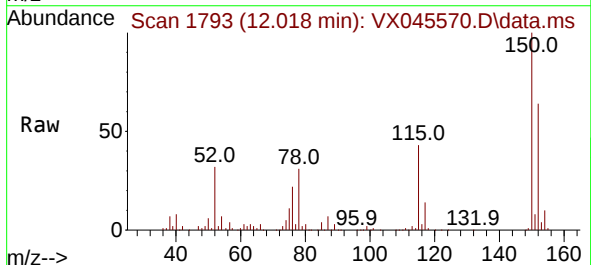
Instrument :
MSVOA_X
ClientSampleId :
IBLK

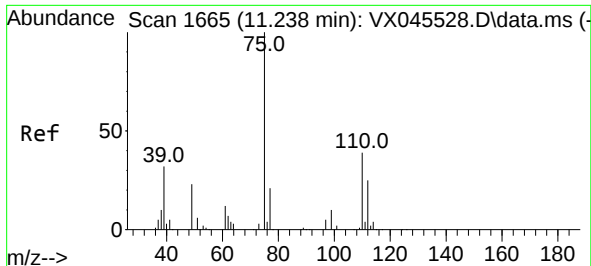
Tgt Ion:117 Resp: 117774
Ion Ratio Lower Upper
117 100
82 60.1 49.2 73.8
119 30.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045570.D
Acq: 03 Apr 2025 14:50

Tgt Ion:152 Resp: 47891
Ion Ratio Lower Upper
152 100
115 64.6 46.9 140.7
150 158.4 0.0 349.4

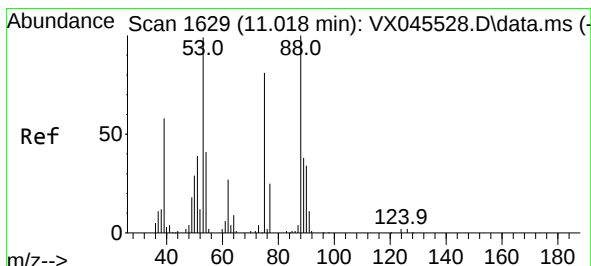
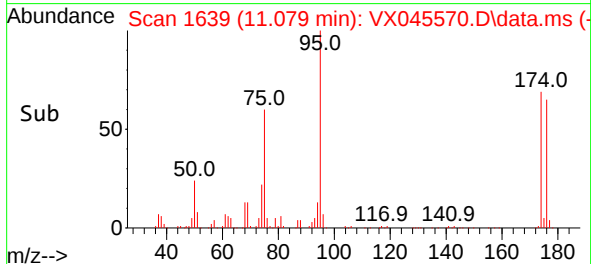
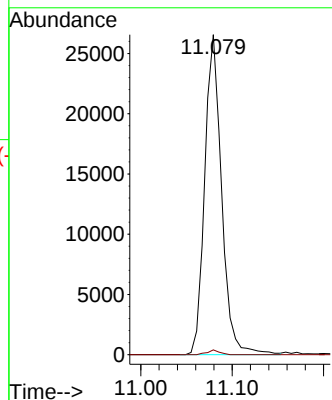
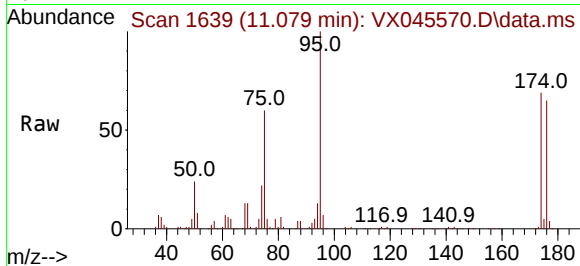




#76
1,2,3-Trichloropropane
Concen: 29.153 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045570.D
Acq: 03 Apr 2025 14:50

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 34056
Ion Ratio Lower Upper
75 100
77 1.1 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.942 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045570.D
Acq: 03 Apr 2025 14:50

Tgt Ion: 75 Resp: 34056
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

