

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042825\
 Data File : VX045968.D
 Acq On : 28 Apr 2025 19:42
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 29 01:36:53 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)

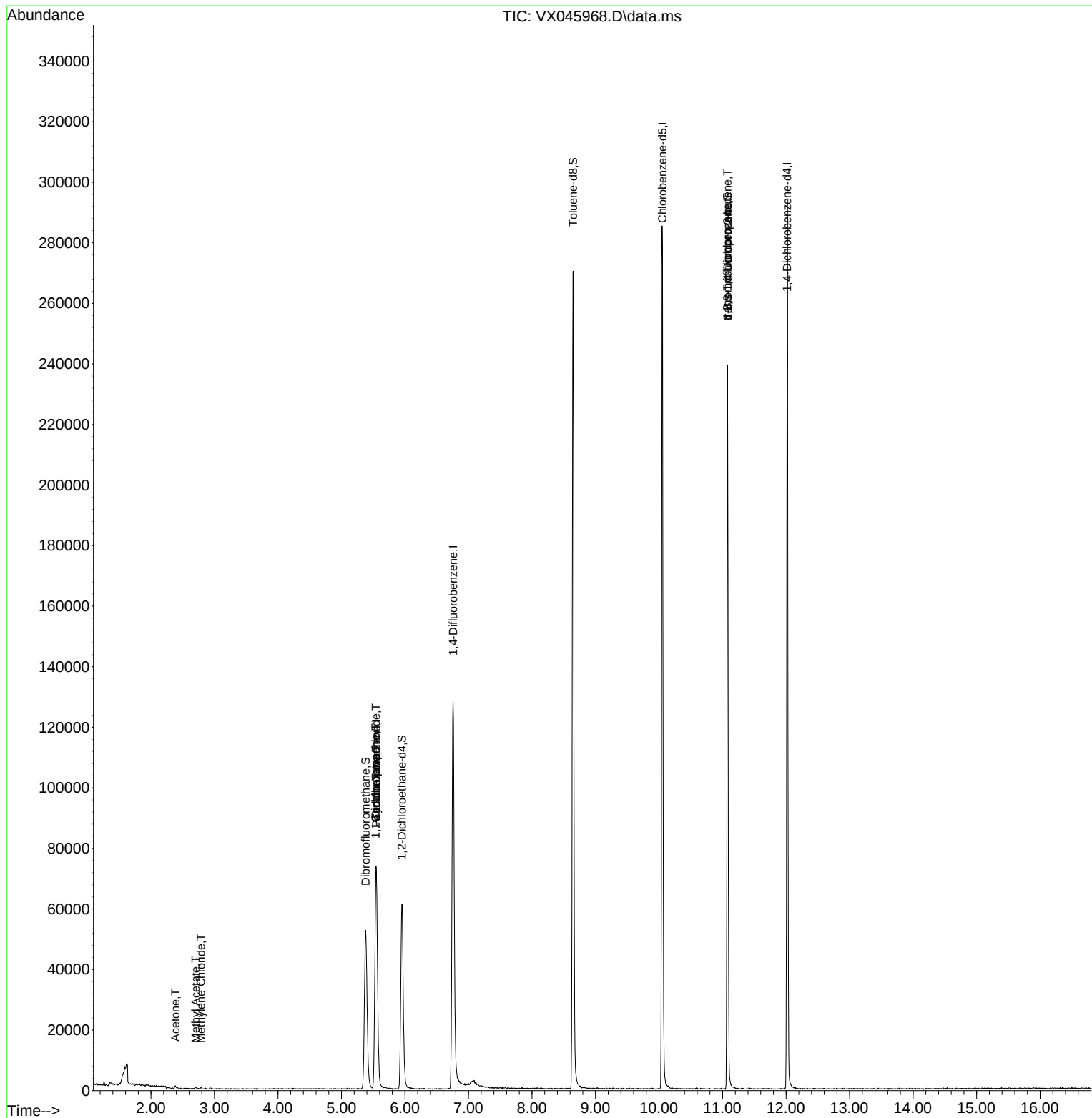
Internal Standards						
1) Pentafluorobenzene	5.550	168	63077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125347	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63987	55.471	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.940%			
35) Dibromofluoromethane	5.379	113	45972	51.692	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.380%			
50) Toluene-d8	8.647	98	158422	51.036	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.080%			
62) 4-Bromofluorobenzene	11.079	95	60225	53.264	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.520%			
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1121	2.367	ug/l	93
18) Methyl Acetate	2.703	43	725	0.665	ug/l #	60
20) Methylene Chloride	2.788	84	214	0.241	ug/l #	65
31) Cyclohexane	5.544	56	1817	1.284	ug/l #	39
36) 1,1-Dichloropropene	5.537	75	6325	5.267	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7441	5.734	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	34807	27.344	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34807	92.803	ug/l #	1

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

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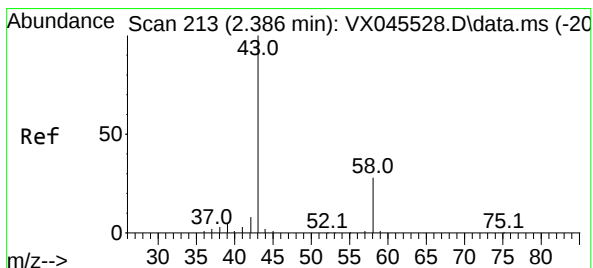
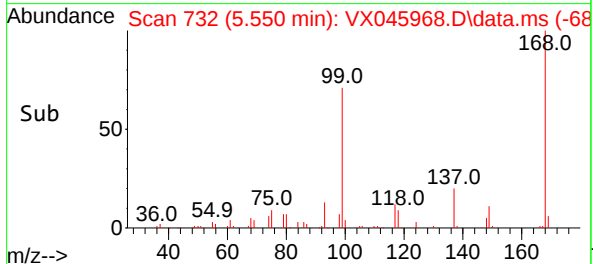
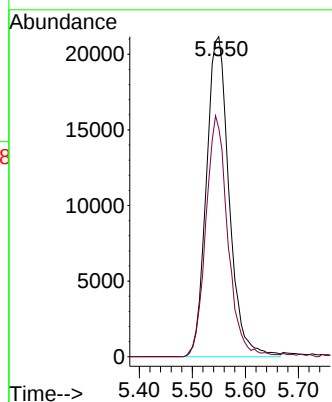
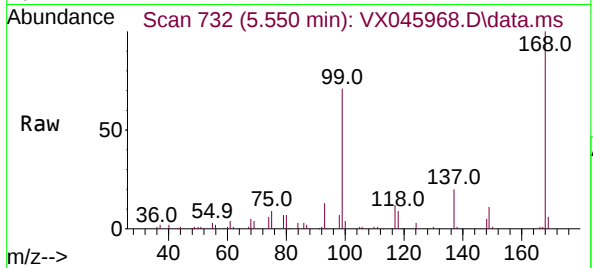




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045968.D
Acq: 28 Apr 2025 19:42

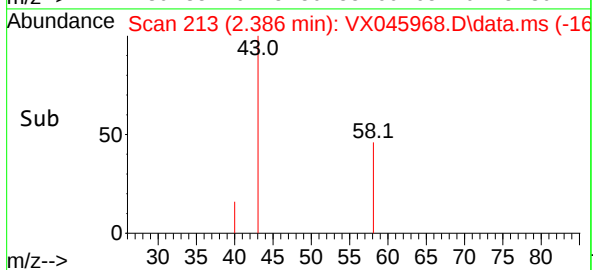
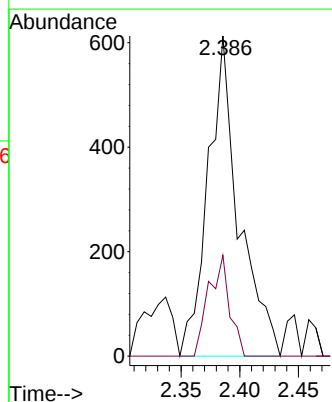
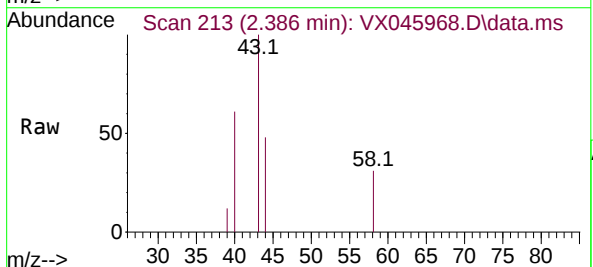
Instrument :
MSVOA_X
ClientSampleId :
IBLK

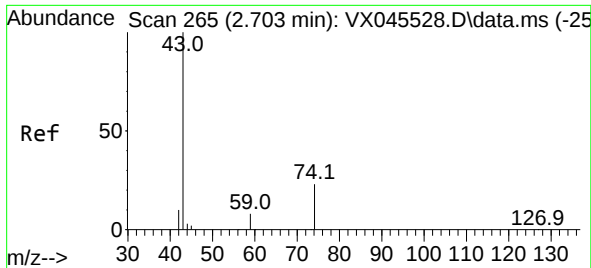
Tgt Ion:168 Resp: 63077
Ion Ratio Lower Upper
168 100
99 71.4 52.3 78.5



#16
Acetone
Concen: 2.367 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045968.D
Acq: 28 Apr 2025 19:42

Tgt Ion: 43 Resp: 1121
Ion Ratio Lower Upper
43 100
58 31.5 22.3 33.5

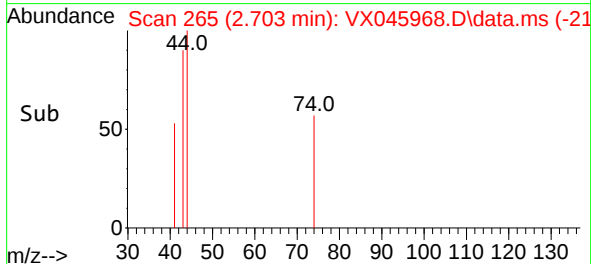
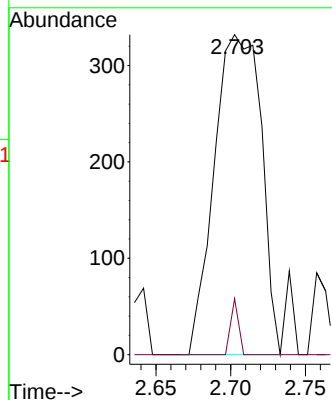
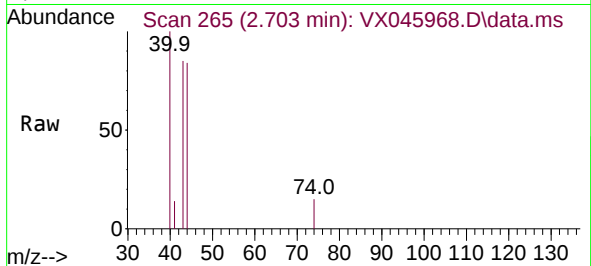




#18
Methyl Acetate
Concen: 0.665 ug/l
RT: 2.703 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX045968.D
Acq: 28 Apr 2025 19:42

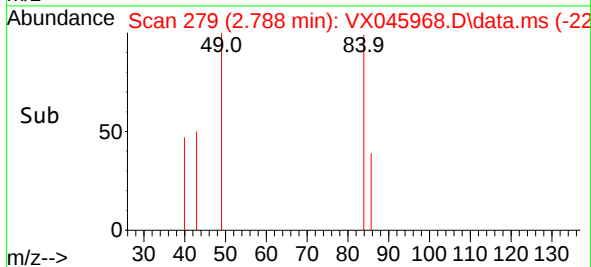
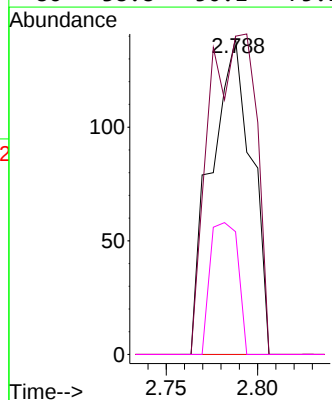
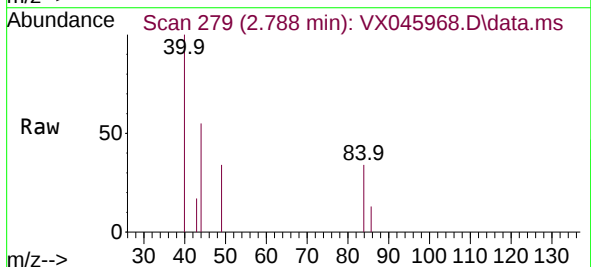
Instrument :
MSVOA_X
ClientSampleId :
IBLK

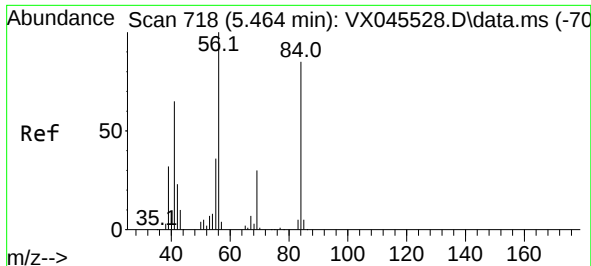
Tgt Ion: 43 Resp: 725
Ion Ratio Lower Upper
43 100
74 2.9 17.5 26.3#



#20
Methylene Chloride
Concen: 0.241 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045968.D
Acq: 28 Apr 2025 19:42

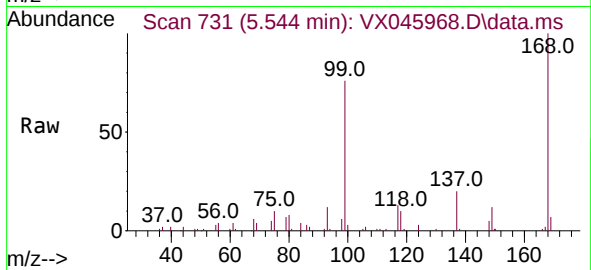
Tgt Ion: 84 Resp: 214
Ion Ratio Lower Upper
84 100
49 100.7 107.5 161.3#
51 0.0 33.0 49.6#
86 38.8 50.1 75.1#



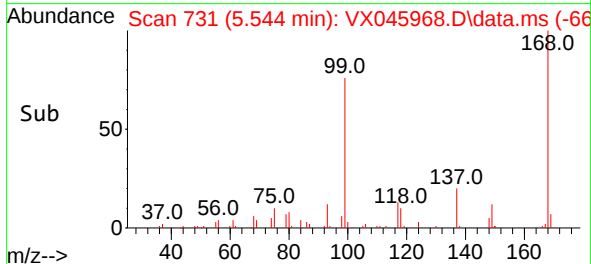
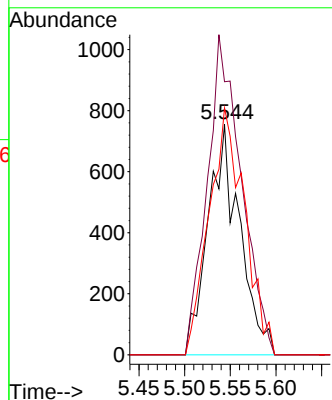


#31
Cyclohexane
Concen: 1.284 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045968.D
Acq: 28 Apr 2025 19:42

Instrument :
MSVOA_X
ClientSampleId :
IBLK

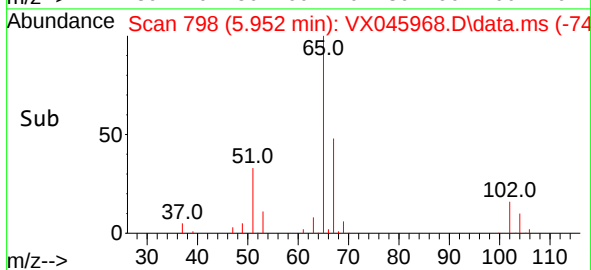
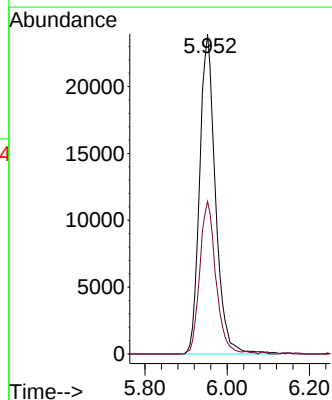
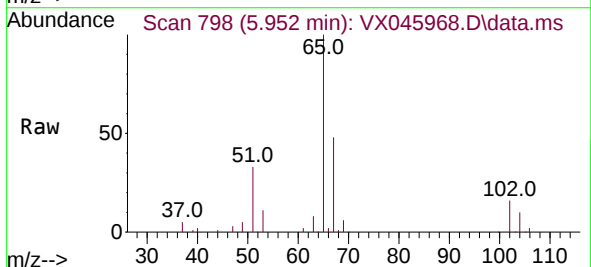


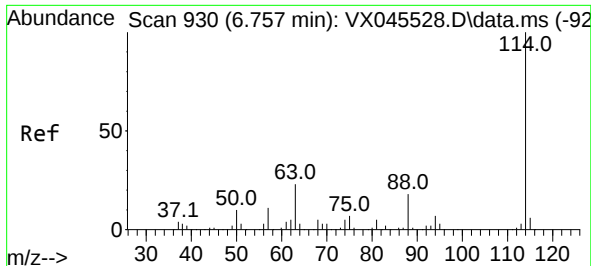
Tgt Ion: 56 Resp: 1817
Ion Ratio Lower Upper
56 100
69 118.5 23.6 35.4#
84 107.2 67.7 101.5#



#33
1,2-Dichloroethane-d4
Concen: 55.471 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045968.D
Acq: 28 Apr 2025 19:42

Tgt Ion: 65 Resp: 63987
Ion Ratio Lower Upper
65 100
67 48.7 0.0 99.0

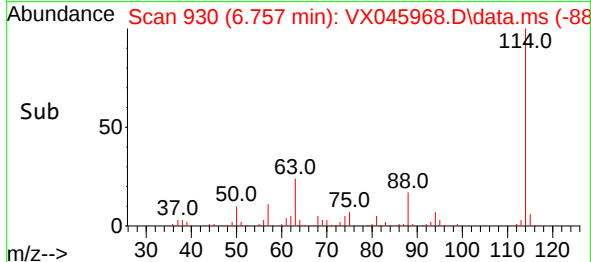
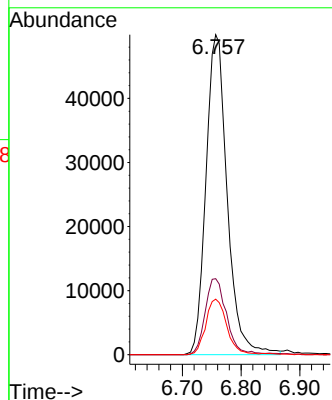
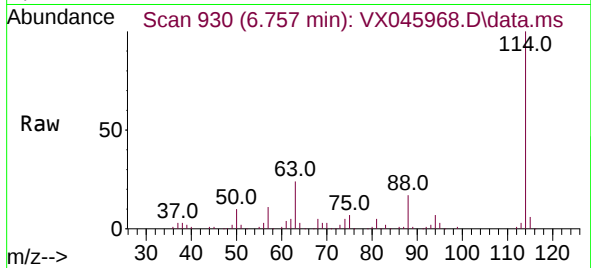




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045968.D
Acq: 28 Apr 2025 19:42

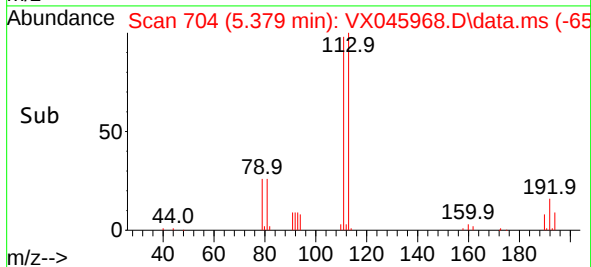
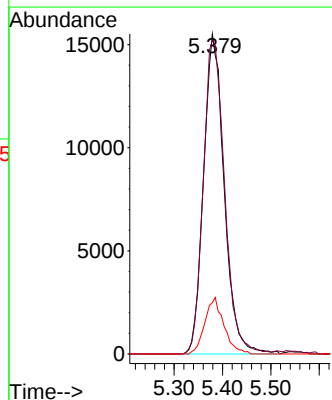
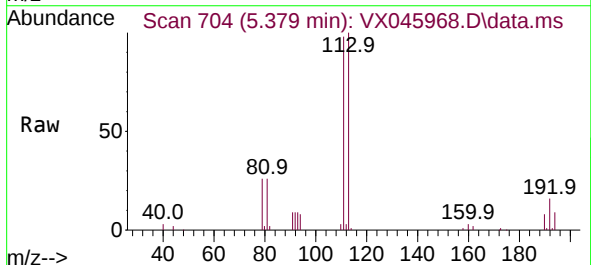
Instrument :
MSVOA_X
ClientSampleId :
IBLK

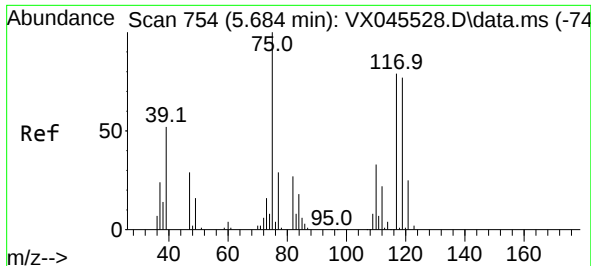
Tgt Ion:114 Resp: 125347
Ion Ratio Lower Upper
114 100
63 23.7 0.0 46.8
88 17.3 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.692 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045968.D
Acq: 28 Apr 2025 19:42

Tgt Ion:113 Resp: 45972
Ion Ratio Lower Upper
113 100
111 101.4 81.8 122.6
192 16.3 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.267 ug/l

RT: 5.537 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX045968.D

Acq: 28 Apr 2025 19:42

Instrument :

MSVOA_X

ClientSampleId :

IBLK

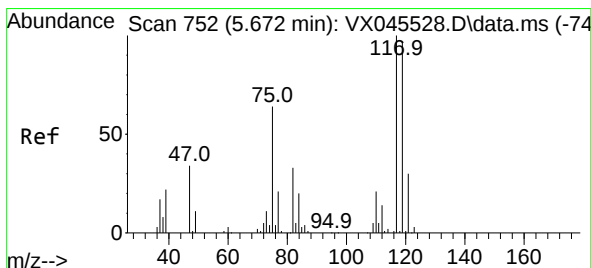
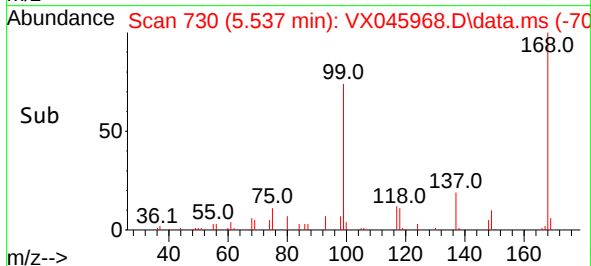
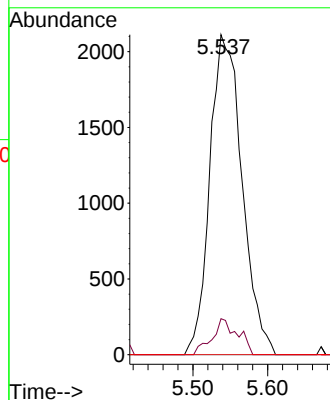
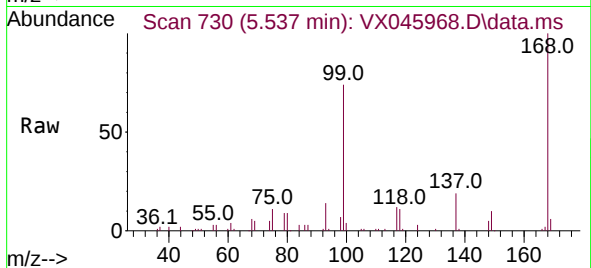
Tgt Ion: 75 Resp: 6325

Ion Ratio Lower Upper

75 100

110 8.9 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.734 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045968.D

Acq: 28 Apr 2025 19:42

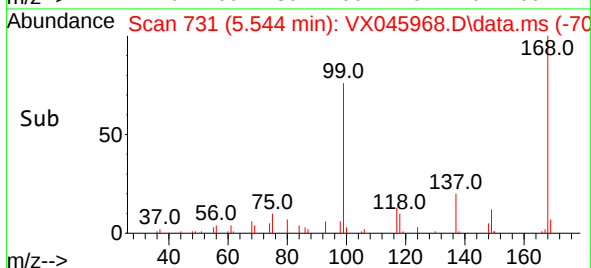
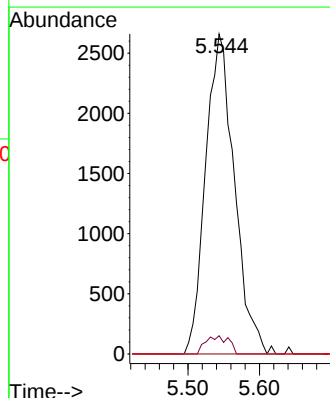
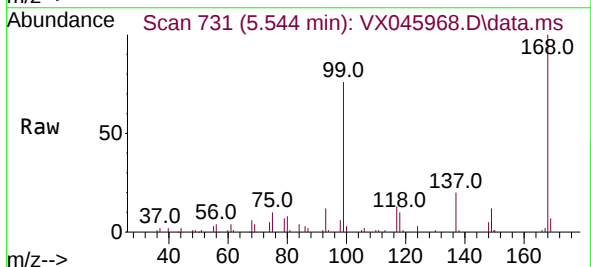
Tgt Ion: 117 Resp: 7441

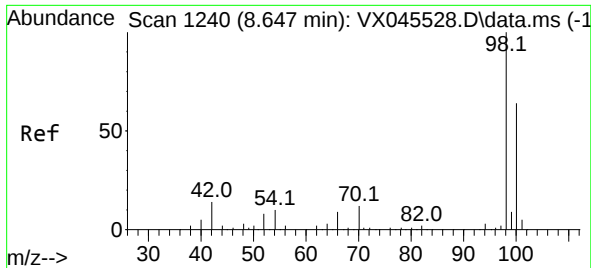
Ion Ratio Lower Upper

117 100

119 5.7 76.9 115.3#

121 0.0 24.2 36.2#

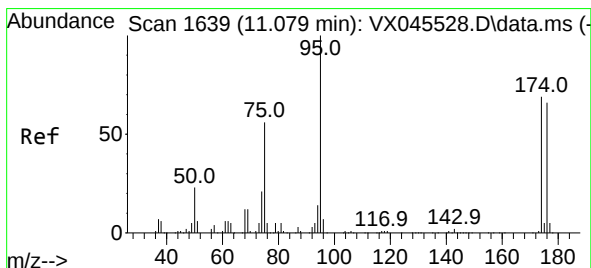
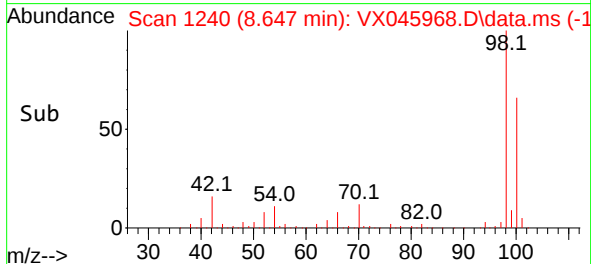
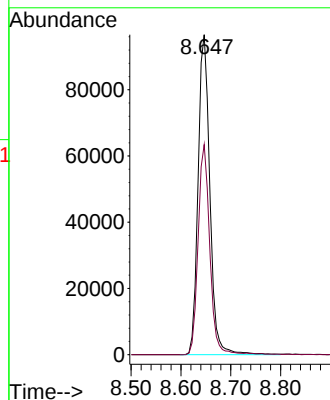
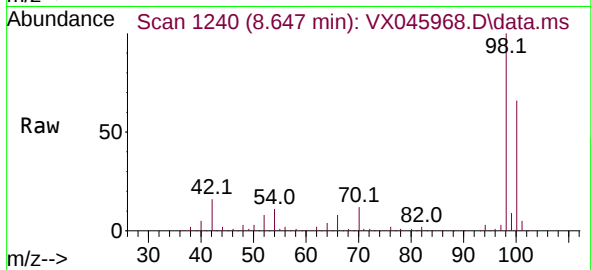




#50
Toluene-d8
Concen: 51.036 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045968.D
Acq: 28 Apr 2025 19:42

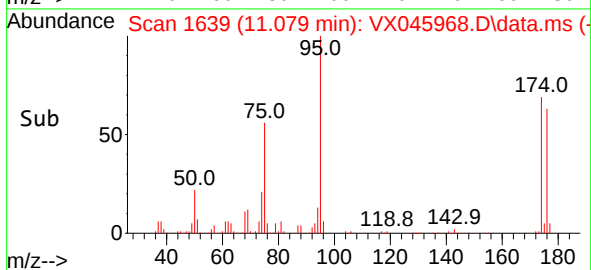
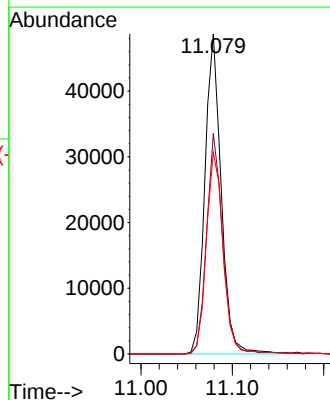
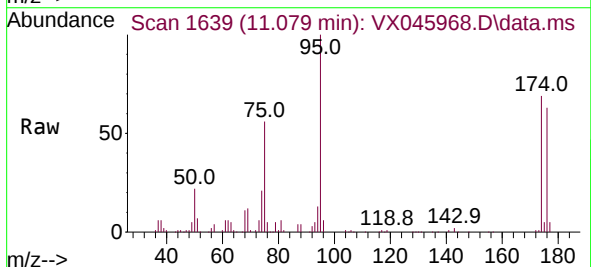
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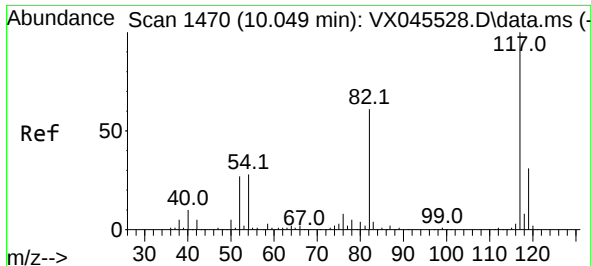
Tgt Ion: 98 Resp: 158422
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 53.264 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045968.D
Acq: 28 Apr 2025 19:42

Tgt Ion: 95 Resp: 60225
Ion Ratio Lower Upper
95 100
174 68.5 0.0 135.8
176 65.1 0.0 131.4

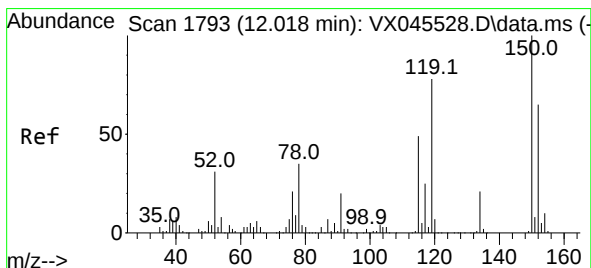
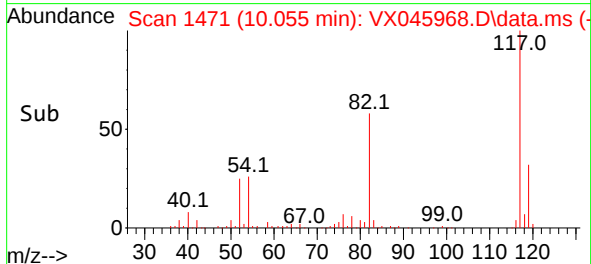
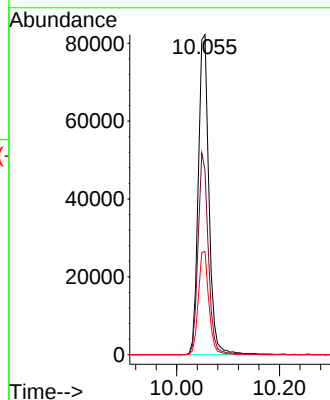
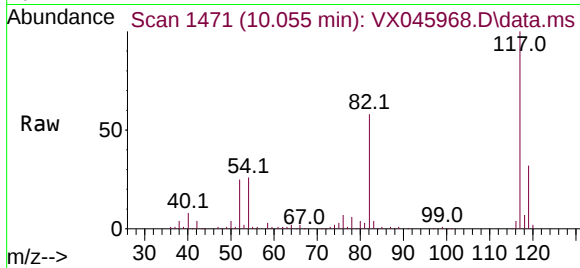




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045968.D
Acq: 28 Apr 2025 19:42

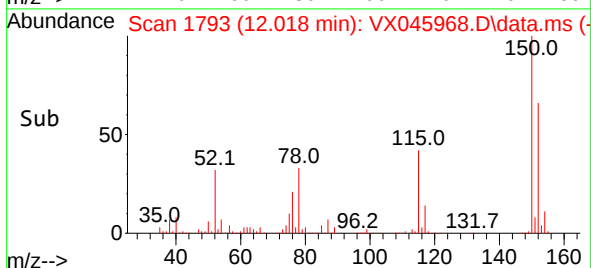
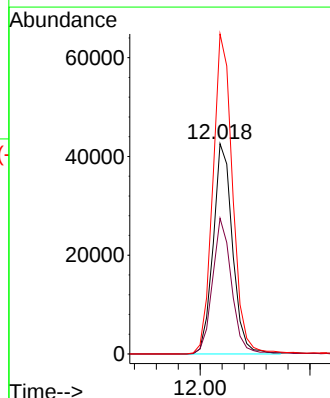
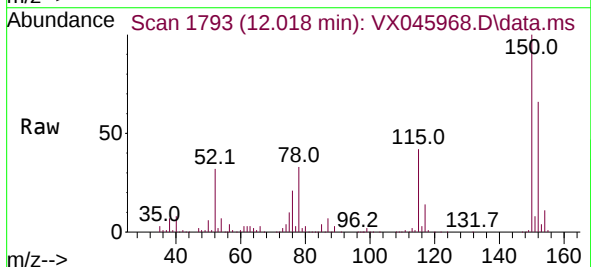
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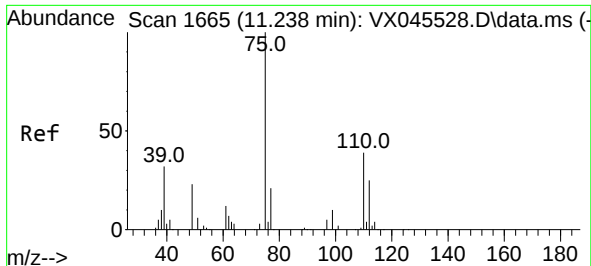
Tgt Ion:117 Resp: 118787
Ion Ratio Lower Upper
117 100
82 57.6 49.2 73.8
119 32.2 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045968.D
Acq: 28 Apr 2025 19:42

Tgt Ion:152 Resp: 52185
Ion Ratio Lower Upper
152 100
115 63.8 46.9 140.7
150 155.4 0.0 349.4

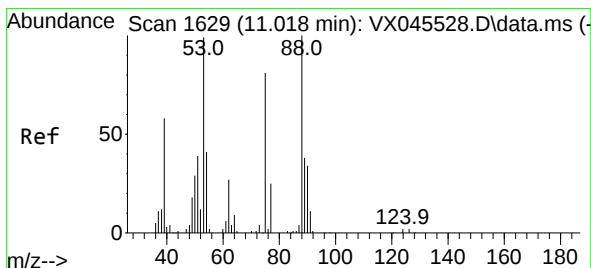
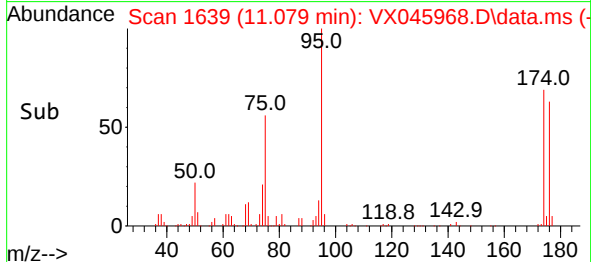
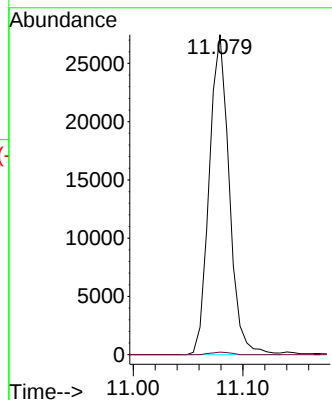
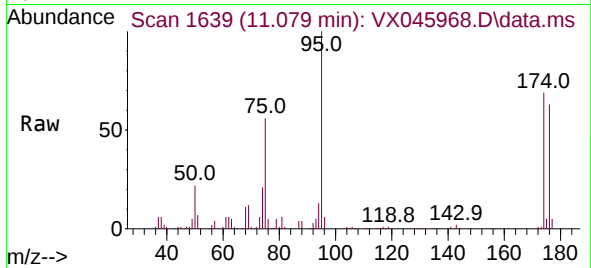




#76
1,2,3-Trichloropropane
Concen: 27.344 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045968.D
Acq: 28 Apr 2025 19:42

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 34807
Ion Ratio Lower Upper
75 100
77 0.8 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.803 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045968.D
Acq: 28 Apr 2025 19:42

Tgt Ion: 75 Resp: 34807
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

