

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045090.D
 Acq On : 28 Feb 2025 15:44
 Operator : JC/MD
 Sample : Q1462-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB

Quant Time: Feb 28 23:09:13 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)

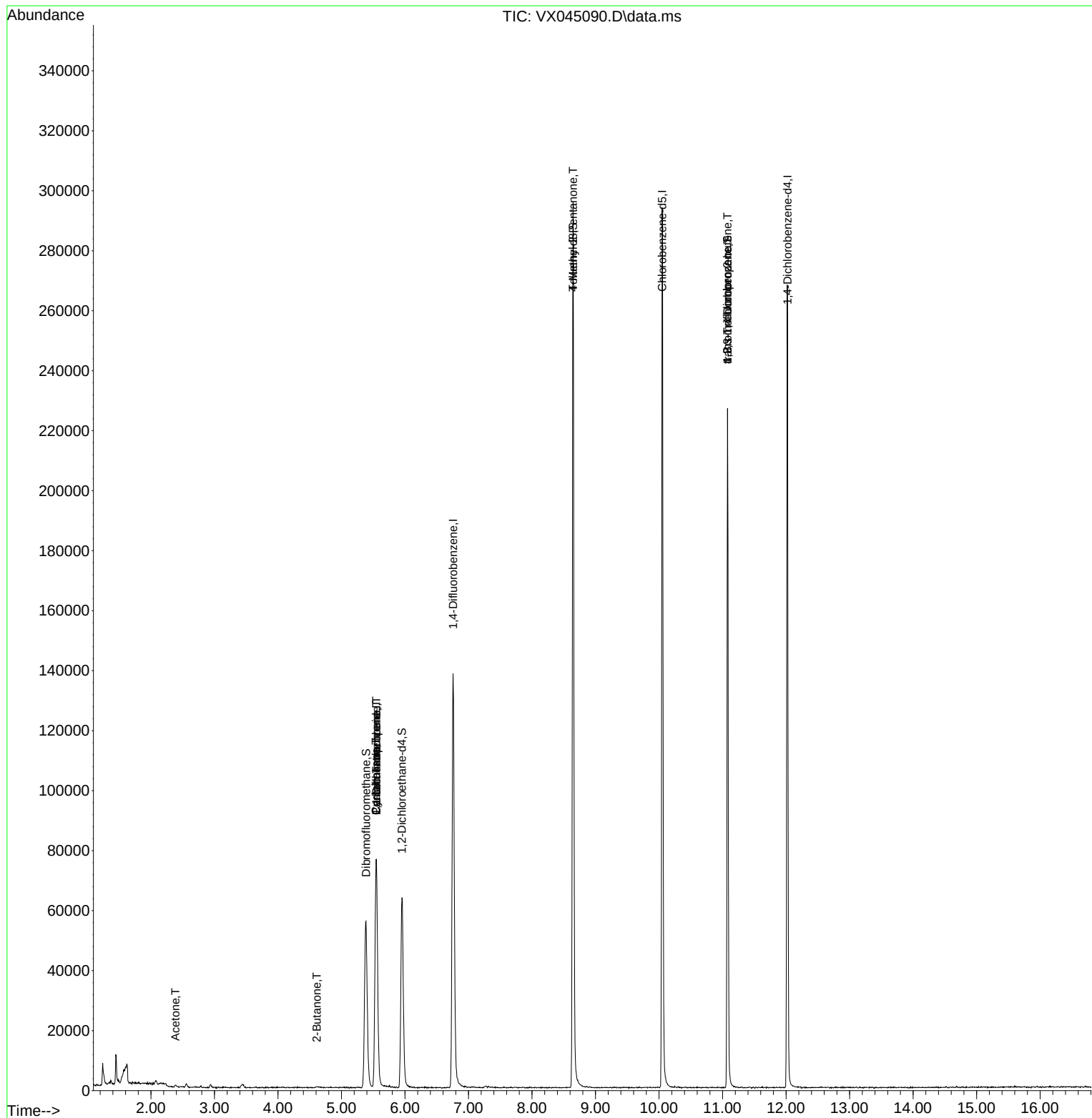
Internal Standards						
1) Pentafluorobenzene	5.550	168	72859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	143324	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	131539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59792	51.592	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.180%			
35) Dibromofluoromethane	5.385	113	49261	51.401	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.800%			
50) Toluene-d8	8.647	98	176360	50.759	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.520%			
62) 4-Bromofluorobenzene	11.079	95	59659	51.818	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.640%			
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	750	1.395	ug/l	89
25) 2-Butanone	4.611	43	530	0.655	ug/l #	50
31) Cyclohexane	5.544	56	1923	1.220	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	6235	4.744	ug/l #	49
38) Carbon Tetrachloride	5.550	117	7708	5.777	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	907	0.539	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32118	25.503	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32118	87.277	ug/l #	6

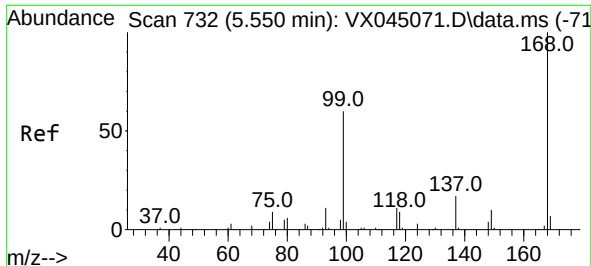
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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FB

Quant Time: Feb 28 23:09:13 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

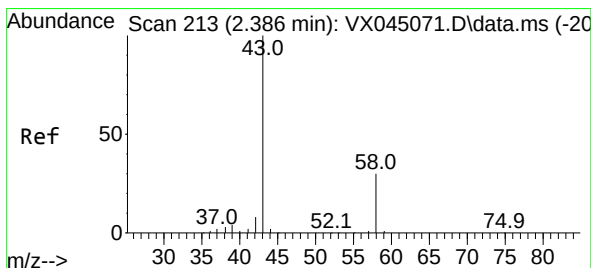
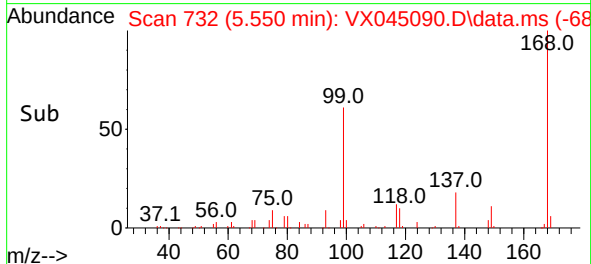
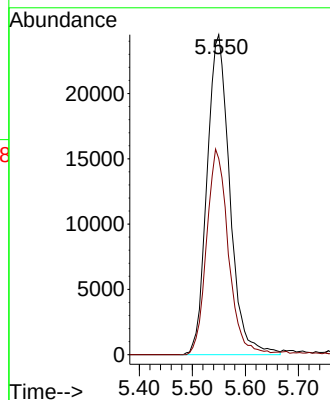
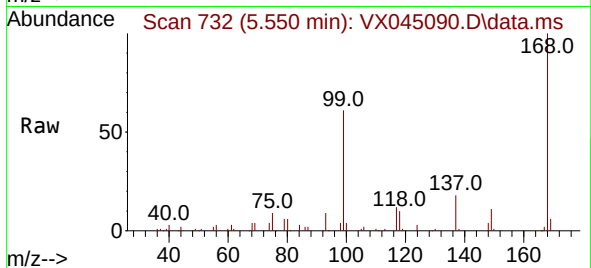




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045090.D
Acq: 28 Feb 2025 15:44

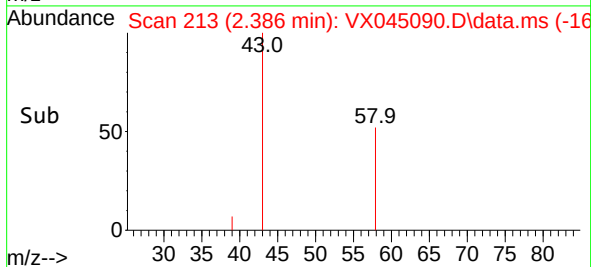
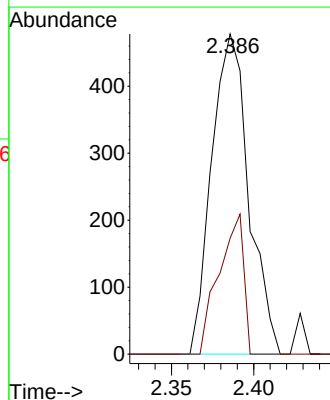
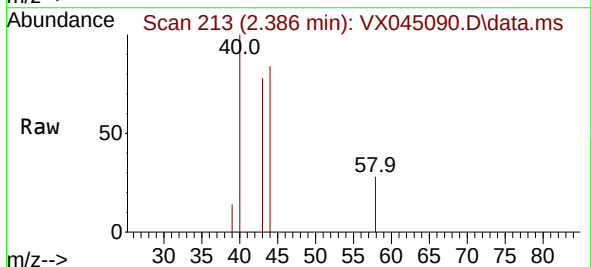
Instrument :
MSVOA_X
ClientSampleId :
FB

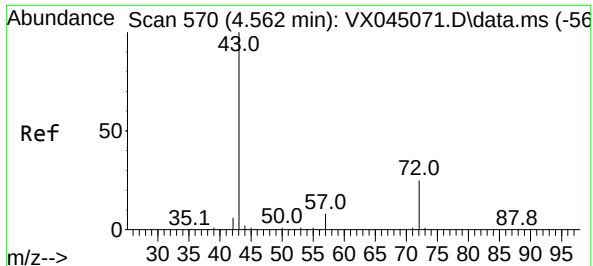
Tgt Ion:168 Resp: 72859
Ion Ratio Lower Upper
168 100
99 61.2 48.2 72.4



#16
Acetone
Concen: 1.395 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045090.D
Acq: 28 Feb 2025 15:44

Tgt Ion: 43 Resp: 750
Ion Ratio Lower Upper
43 100
58 36.2 24.2 36.4





#25

2-Butanone

Concen: 0.655 ug/l

RT: 4.611 min Scan# 51

Delta R.T. 0.049 min

Lab File: VX045090.D

Acq: 28 Feb 2025 15:44

Instrument :

MSVOA_X

ClientSampleId :

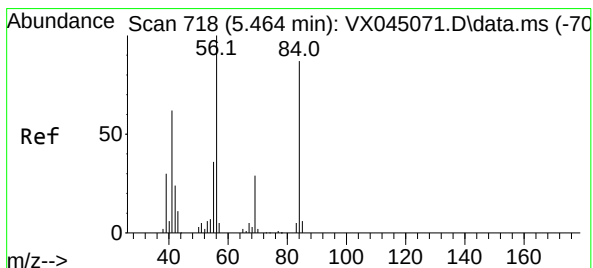
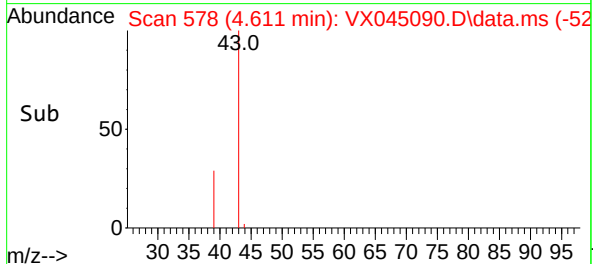
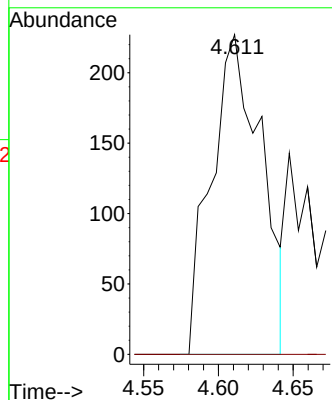
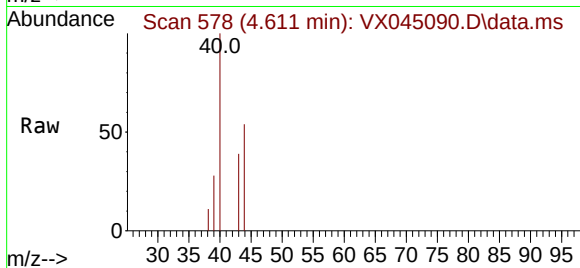
FB

Tgt Ion: 43 Resp: 530

Ion Ratio Lower Upper

43 100

72 0.0 20.0 30.0#



#31

Cyclohexane

Concen: 1.220 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX045090.D

Acq: 28 Feb 2025 15:44

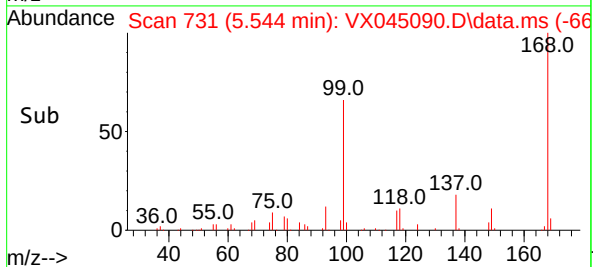
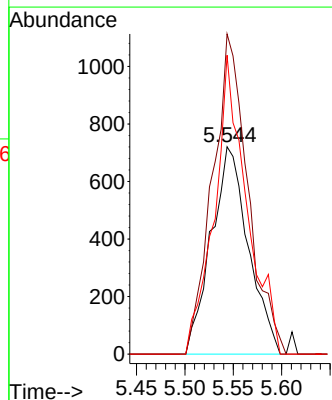
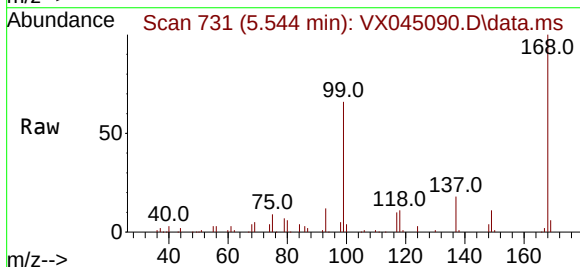
Tgt Ion: 56 Resp: 1923

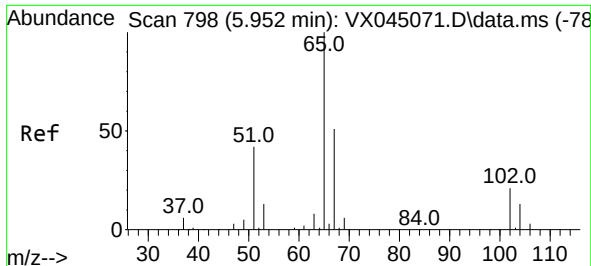
Ion Ratio Lower Upper

56 100

69 154.4 23.4 35.2#

84 144.1 69.4 104.2#

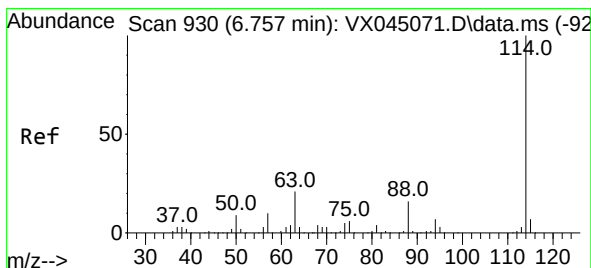
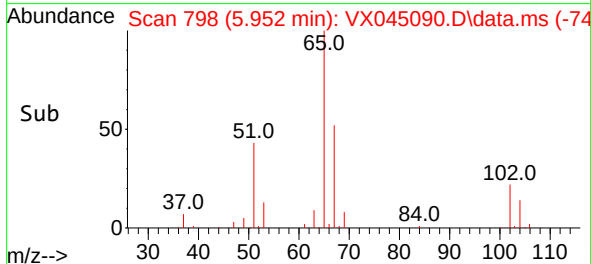
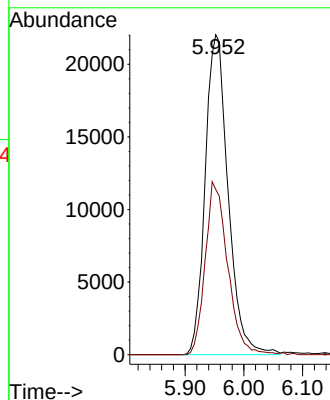
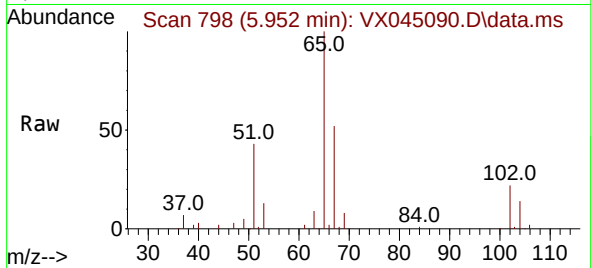




#33
 1,2-Dichloroethane-d4
 Concen: 51.592 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX045090.D
 Acq: 28 Feb 2025 15:44

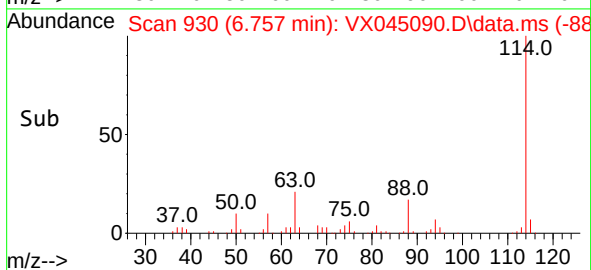
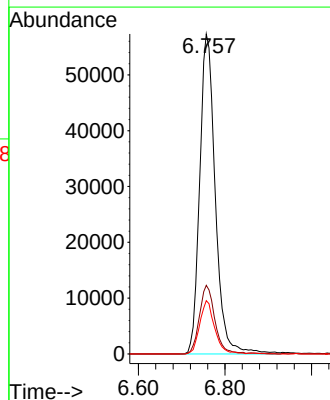
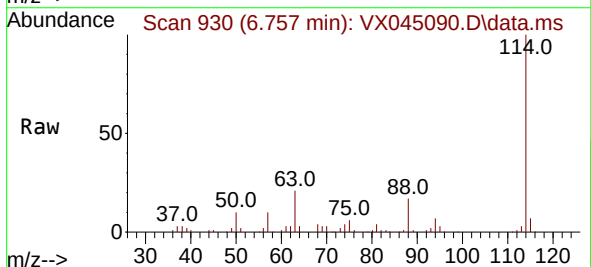
Instrument :
 MSVOA_X
 ClientSampleId :
 FB

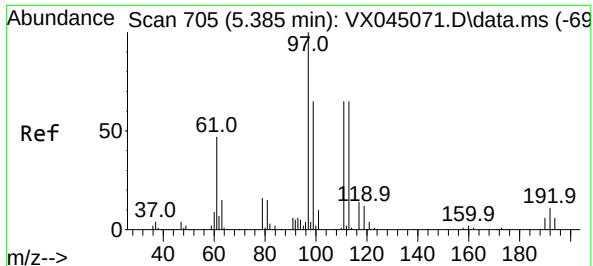
Tgt Ion: 65 Resp: 59792
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX045090.D
 Acq: 28 Feb 2025 15:44

Tgt Ion: 114 Resp: 143324
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 41.8
 88 16.6 0.0 32.8

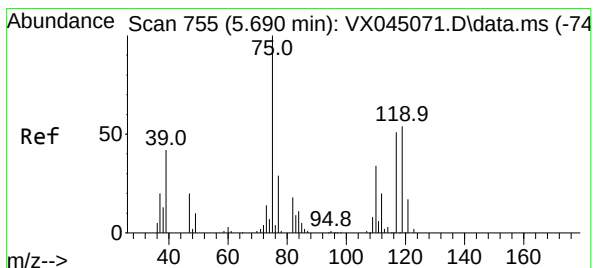
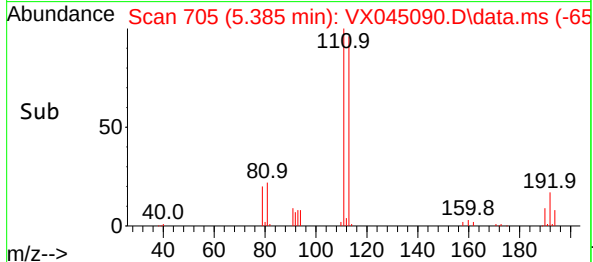
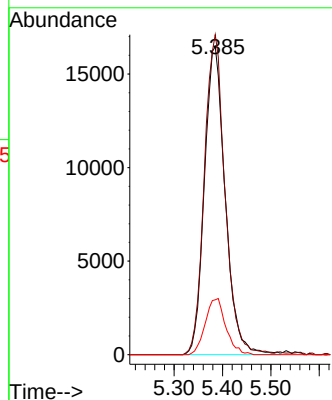
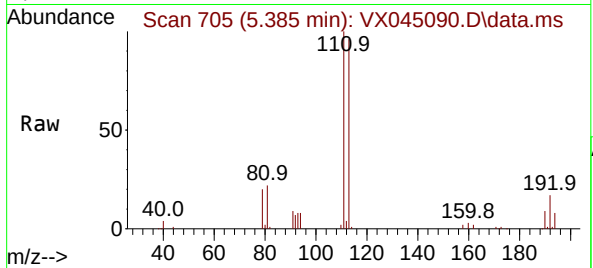




#35
Dibromofluoromethane
Concen: 51.401 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045090.D
Acq: 28 Feb 2025 15:44

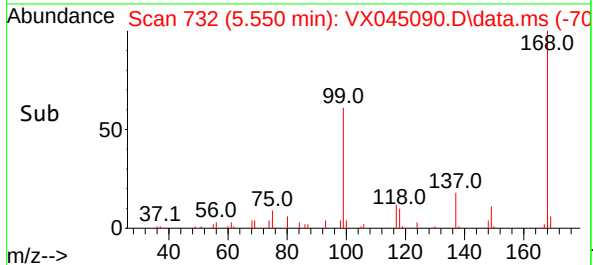
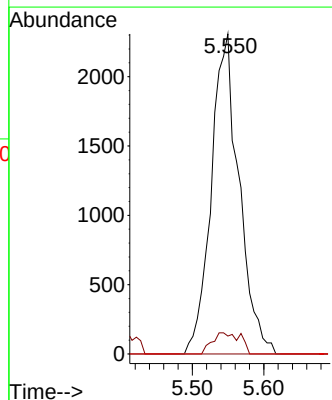
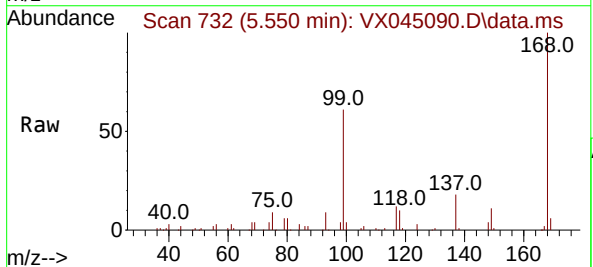
Instrument :
MSVOA_X
ClientSampleId :
FB

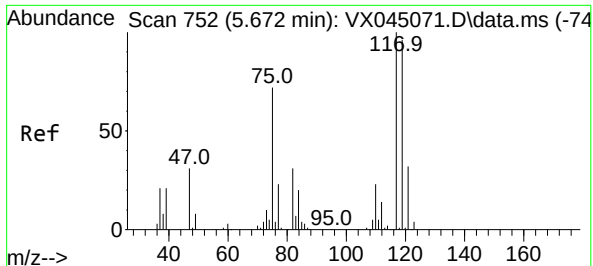
Tgt Ion:113 Resp: 49261
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.6
192 18.0 14.3 21.5



#36
1,1-Dichloropropene
Concen: 4.744 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX045090.D
Acq: 28 Feb 2025 15:44

Tgt Ion: 75 Resp: 6235
Ion Ratio Lower Upper
75 100
110 6.7 16.9 50.6#
77 0.0 24.5 36.7#

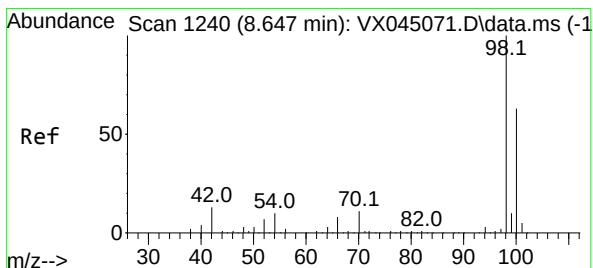
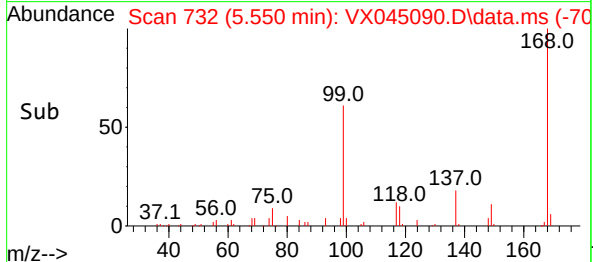
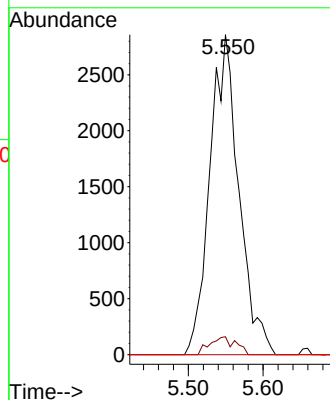
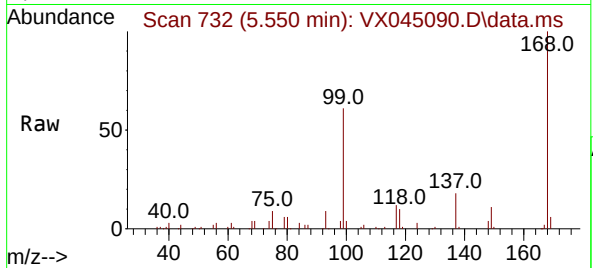




#38
Carbon Tetrachloride
Concen: 5.777 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX045090.D
Acq: 28 Feb 2025 15:44

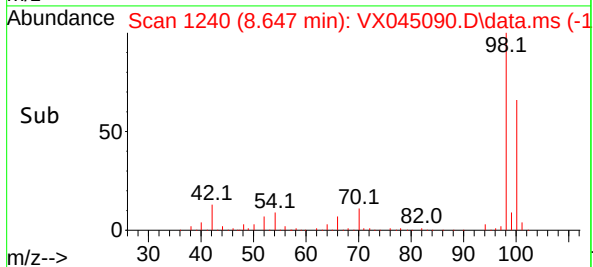
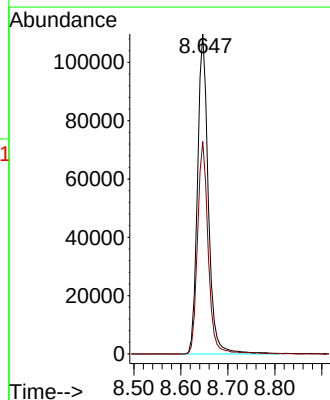
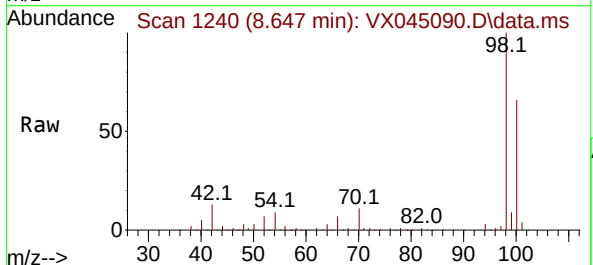
Instrument :
MSVOA_X
ClientSampleId :
FB

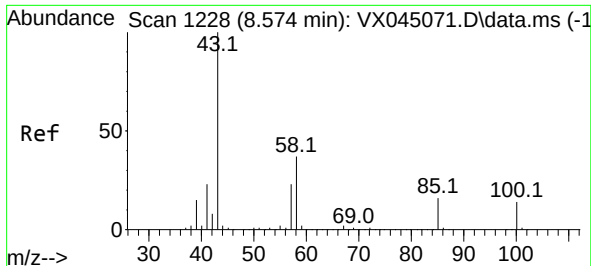
Tgt Ion:117 Resp: 7708
Ion Ratio Lower Upper
117 100
119 5.6 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 50.759 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045090.D
Acq: 28 Feb 2025 15:44

Tgt Ion: 98 Resp: 176360
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

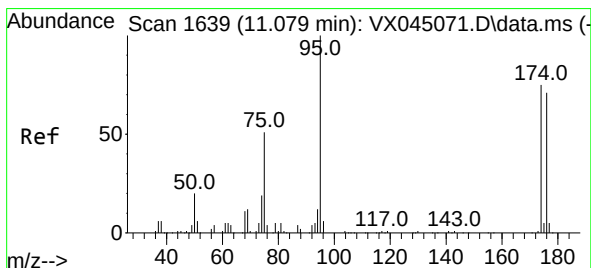
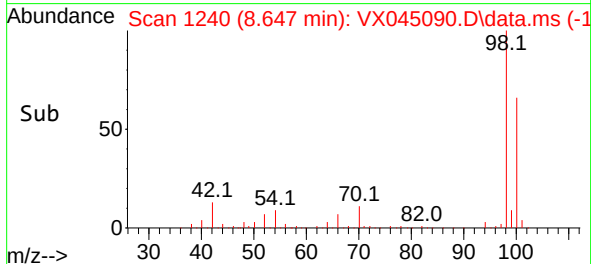
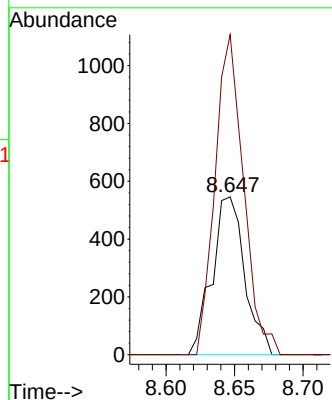
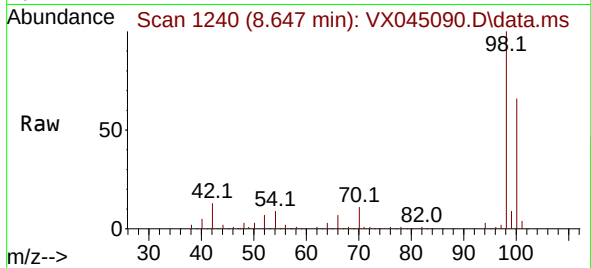




#51
4-Methyl-2-Pentanone
Concen: 0.539 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045090.D
Acq: 28 Feb 2025 15:44

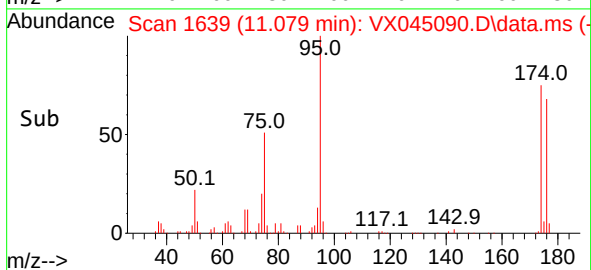
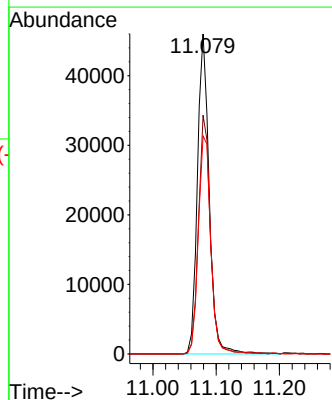
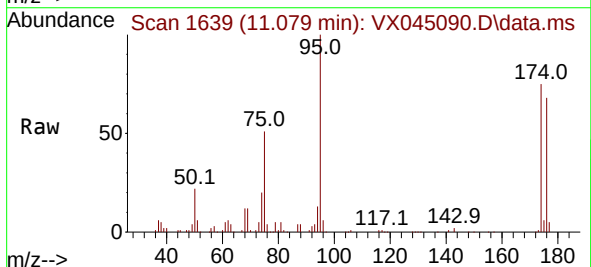
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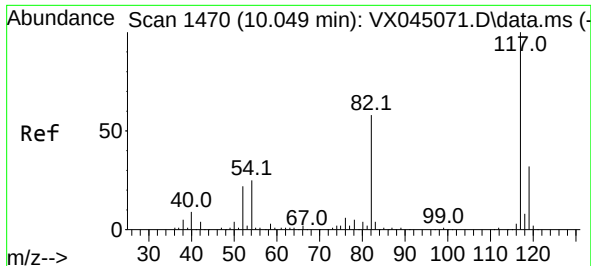
Tgt Ion: 43 Resp: 907
Ion Ratio Lower Upper
43 100
58 176.6 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 51.818 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045090.D
Acq: 28 Feb 2025 15:44

Tgt Ion: 95 Resp: 59659
Ion Ratio Lower Upper
95 100
174 75.8 0.0 148.2
176 72.1 0.0 141.4

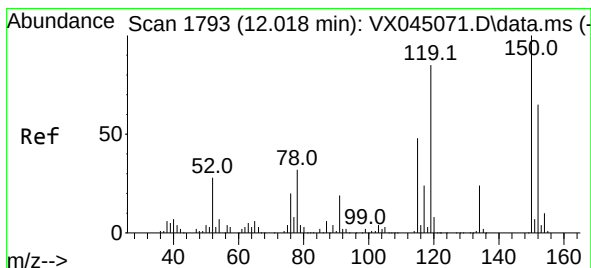
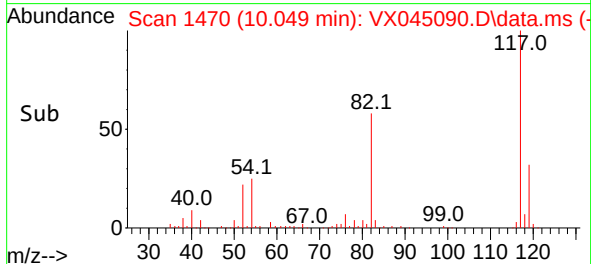
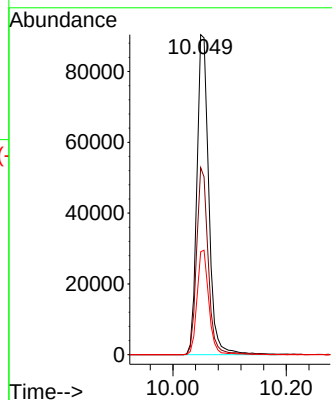
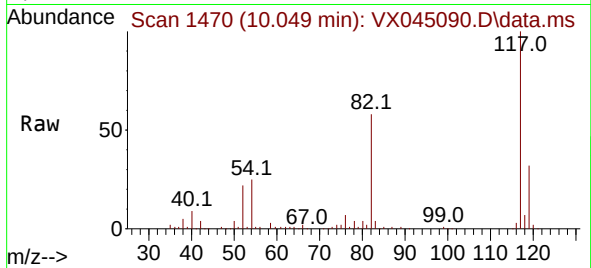




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045090.D
Acq: 28 Feb 2025 15:44

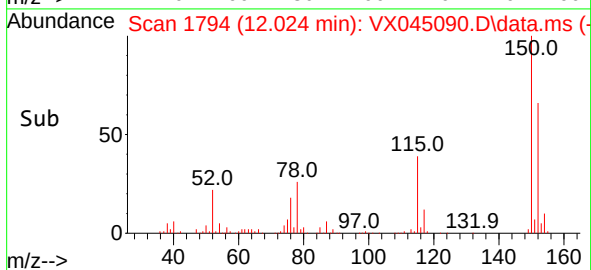
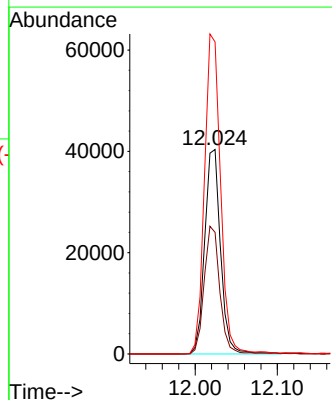
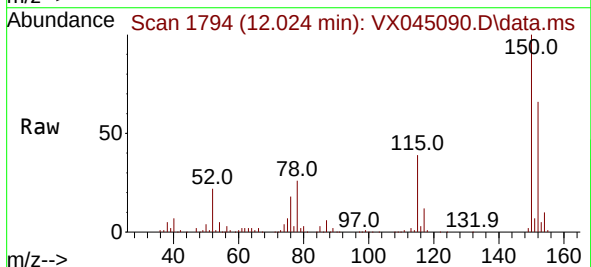
Instrument :
MSVOA_X
ClientSampleId :
FB

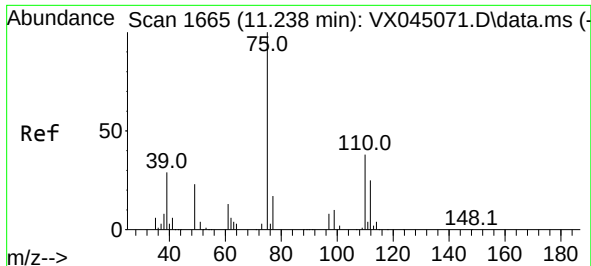
Tgt Ion:117 Resp: 131539
Ion Ratio Lower Upper
117 100
82 58.5 46.3 69.5
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045090.D
Acq: 28 Feb 2025 15:44

Tgt Ion:152 Resp: 54108
Ion Ratio Lower Upper
152 100
115 61.9 44.2 132.6
150 159.2 0.0 349.0

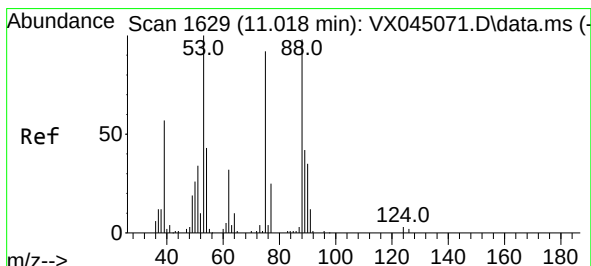
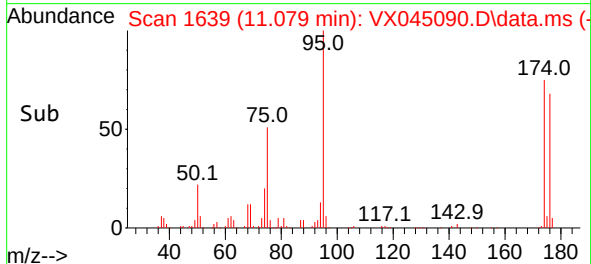
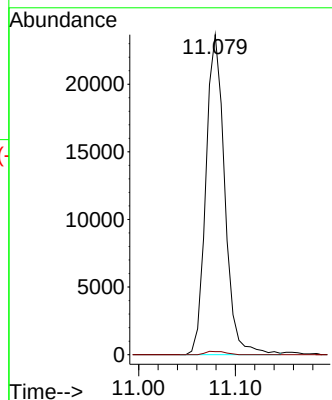
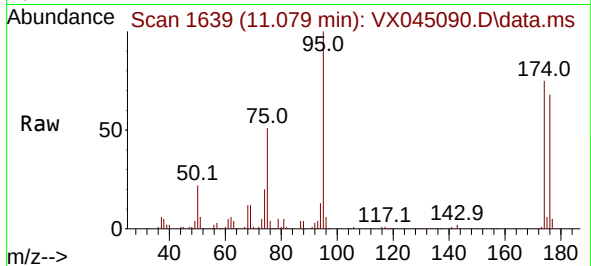




#76
1,2,3-Trichloropropane
Concen: 25.503 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045090.D
Acq: 28 Feb 2025 15:44

Instrument :
MSVOA_X
ClientSampleId :
FB

Tgt Ion: 75 Resp: 32118
Ion Ratio Lower Upper
75 100
77 1.1 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.277 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045090.D
Acq: 28 Feb 2025 15:44

Tgt Ion: 75 Resp: 32118
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

