

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042825\
 Data File : VX045954.D
 Acq On : 28 Apr 2025 14:17
 Operator : JC/MD
 Sample : Q1874-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RT1491

Quant Time: Apr 29 01:34:07 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)

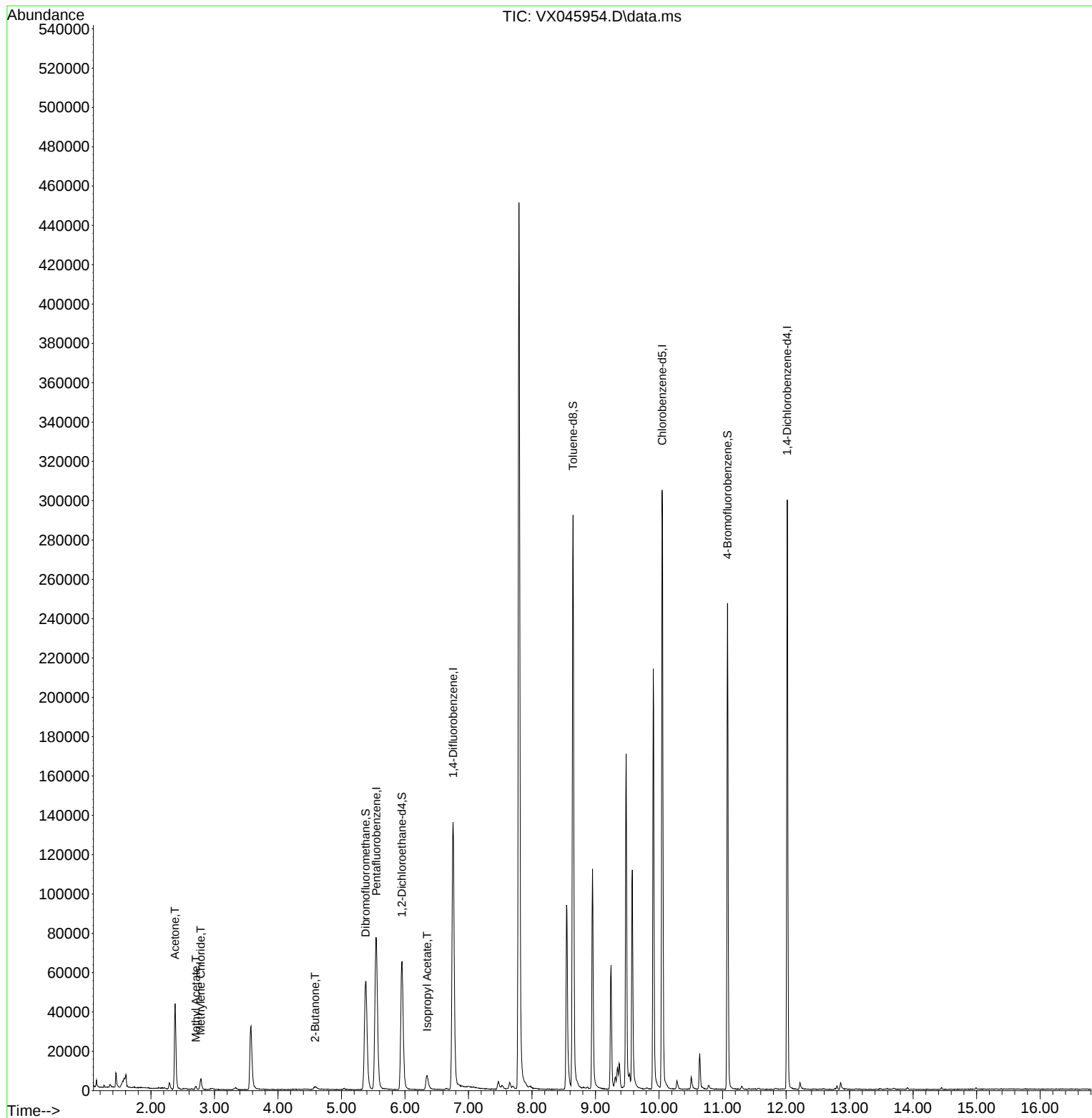
Internal Standards						
1) Pentafluorobenzene	5.550	168	66040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130914	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67804	56.143	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 112.280%		
35) Dibromofluoromethane	5.379	113	48839	52.581	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 105.160%		
50) Toluene-d8	8.647	98	168274	51.904	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 103.800%		
62) 4-Bromofluorobenzene	11.079	95	64304	54.453	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	= 108.900%		
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	48205	97.204	ug/l	99
18) Methyl Acetate	2.709	43	1899	1.663	ug/l	99
20) Methylene Chloride	2.782	84	2462	2.652	ug/l	95
25) 2-Butanone	4.586	43	3787	5.217	ug/l	92
43) Isopropyl Acetate	6.348	43	11292	4.714	ug/l	99

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

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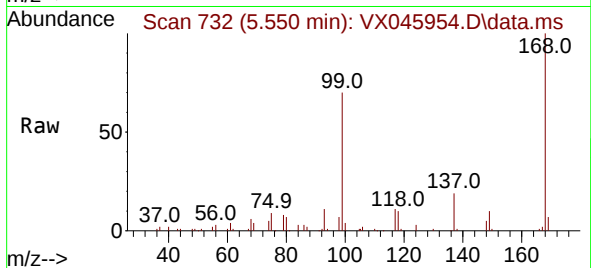
Quant Time: Apr 29 01:34:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



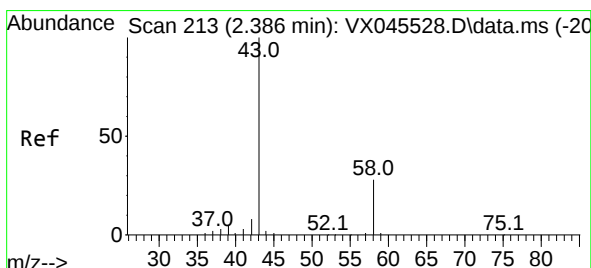
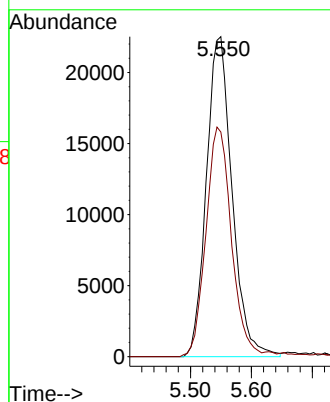
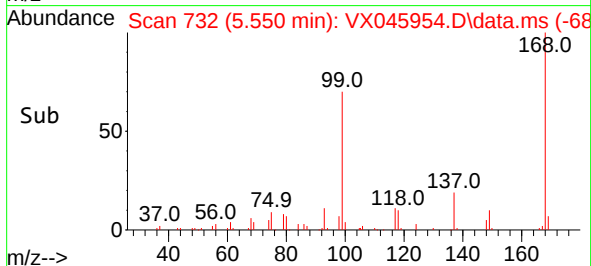


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045954.D
Acq: 28 Apr 2025 14:17

Instrument :
MSVOA_X
ClientSampleId :
RT1491

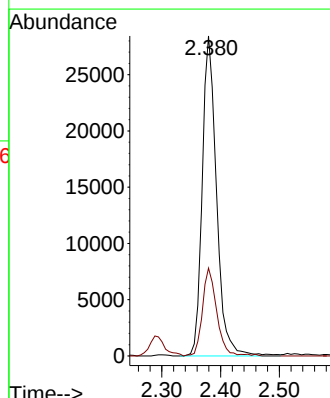
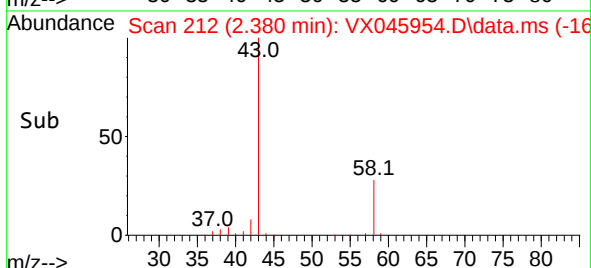
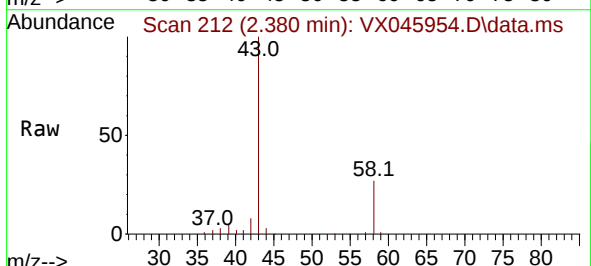


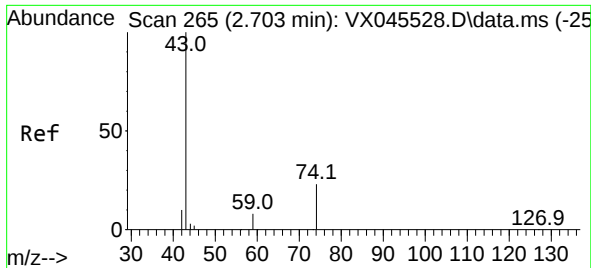
Tgt Ion:168 Resp: 66040
Ion Ratio Lower Upper
168 100
99 70.2 52.3 78.5



#16
Acetone
Concen: 97.204 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045954.D
Acq: 28 Apr 2025 14:17

Tgt Ion: 43 Resp: 48205
Ion Ratio Lower Upper
43 100
58 27.4 22.3 33.5

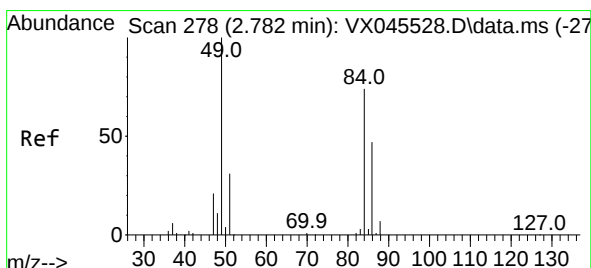
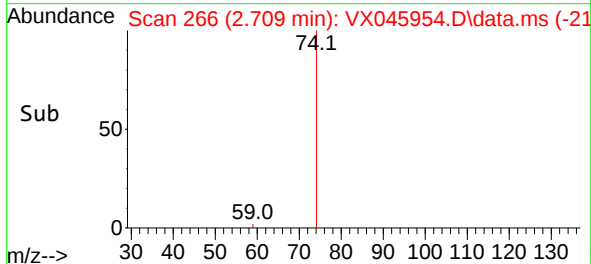
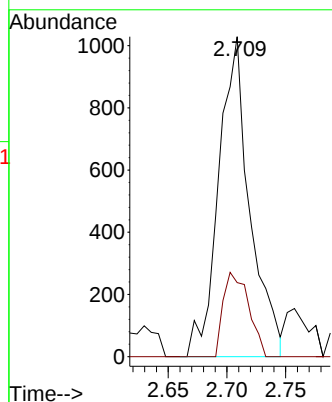
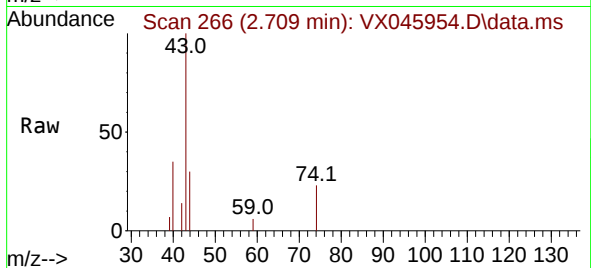




#18
Methyl Acetate
Concen: 1.663 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045954.D
Acq: 28 Apr 2025 14:17

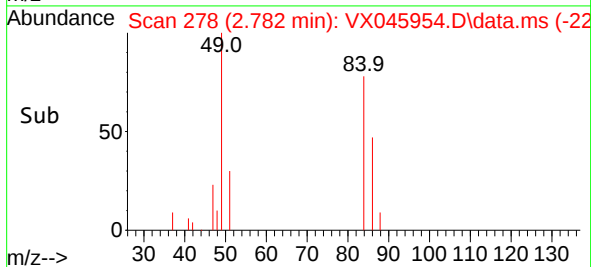
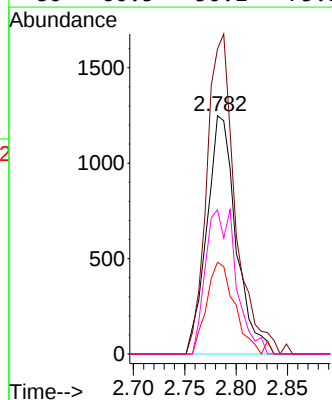
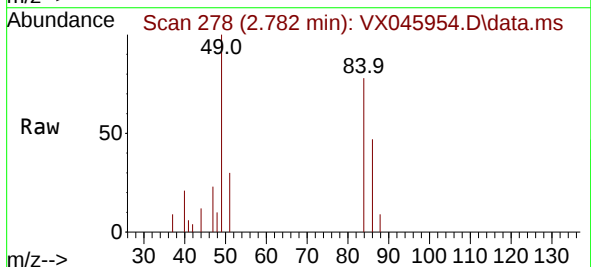
Instrument :
MSVOA_X
ClientSampleId :
RT1491

Tgt Ion: 43 Resp: 1899
Ion Ratio Lower Upper
43 100
74 21.4 17.5 26.3



#20
Methylene Chloride
Concen: 2.652 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045954.D
Acq: 28 Apr 2025 14:17

Tgt Ion: 84 Resp: 2462
Ion Ratio Lower Upper
84 100
49 127.9 107.5 161.3
51 38.5 33.0 49.6
86 60.5 50.1 75.1

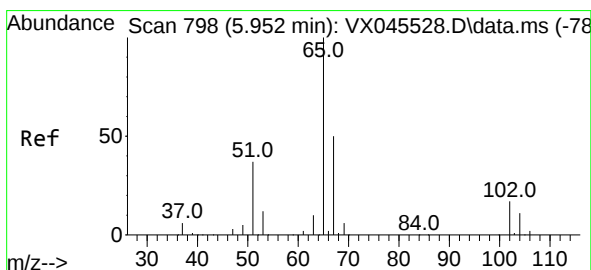
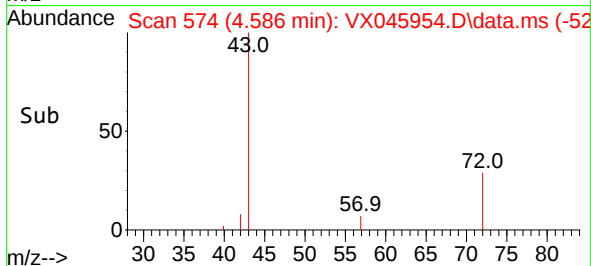
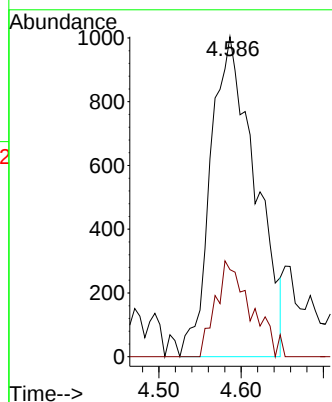
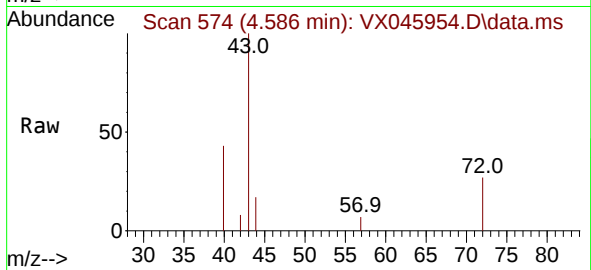




#25
2-Butanone
Concen: 5.217 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX045954.D
Acq: 28 Apr 2025 14:17

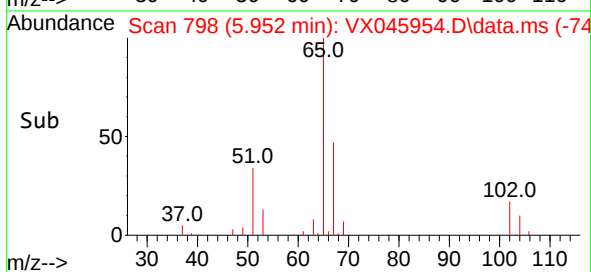
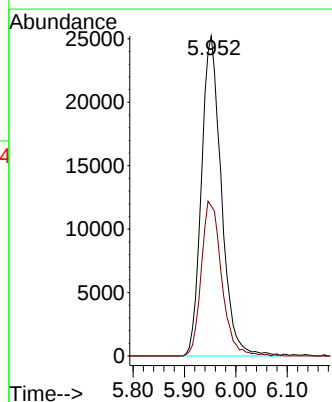
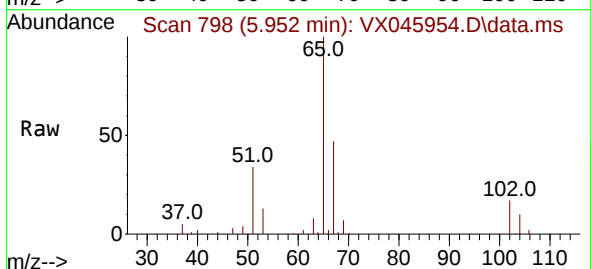
Instrument :
MSVOA_X
ClientSampleId :
RT1491

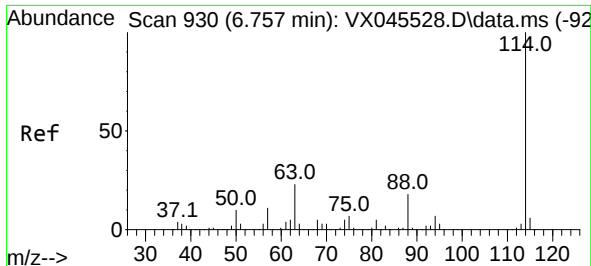
Tgt Ion: 43 Resp: 3787
Ion Ratio Lower Upper
43 100
72 27.2 18.6 28.0



#33
1,2-Dichloroethane-d4
Concen: 56.143 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045954.D
Acq: 28 Apr 2025 14:17

Tgt Ion: 65 Resp: 67804
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.0

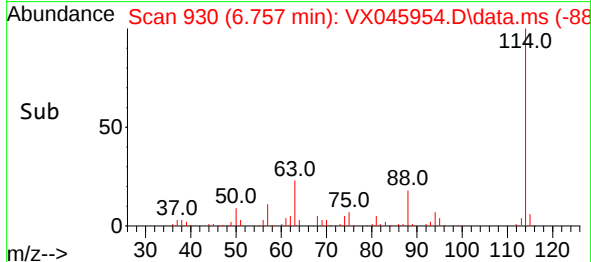
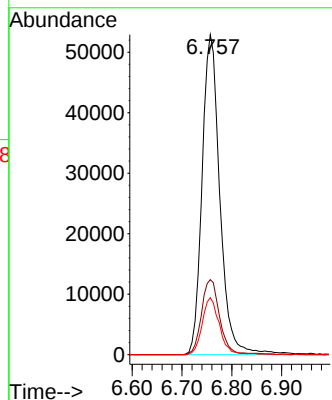
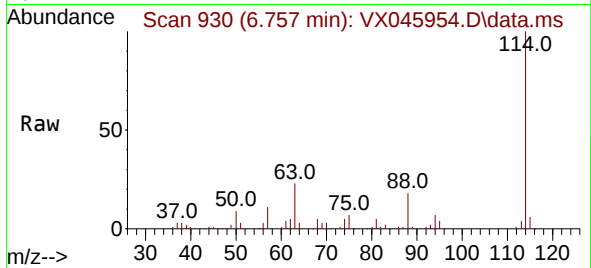




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045954.D
Acq: 28 Apr 2025 14:17

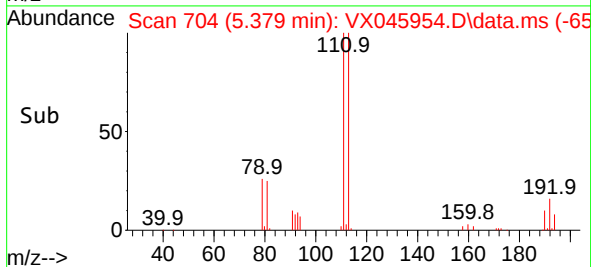
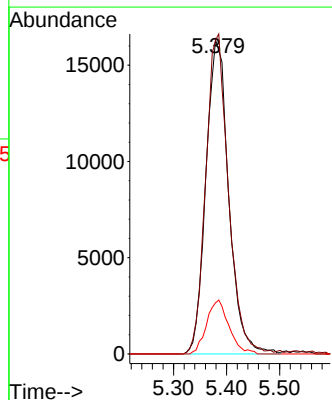
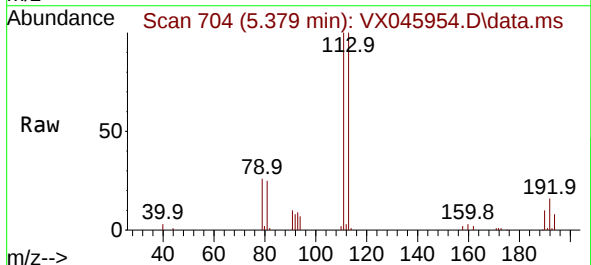
Instrument :
MSVOA_X
ClientSampleId :
RT1491

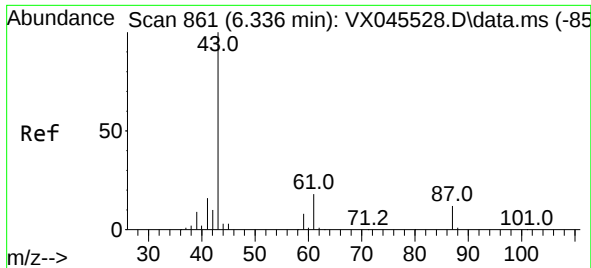
Tgt Ion:114 Resp: 130914
Ion Ratio Lower Upper
114 100
63 23.4 0.0 46.8
88 17.8 0.0 35.4



#35
Dibromofluoromethane
Concen: 52.581 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045954.D
Acq: 28 Apr 2025 14:17

Tgt Ion:113 Resp: 48839
Ion Ratio Lower Upper
113 100
111 101.0 81.8 122.6
192 16.8 13.8 20.6

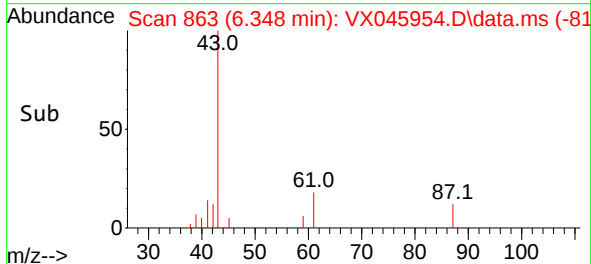
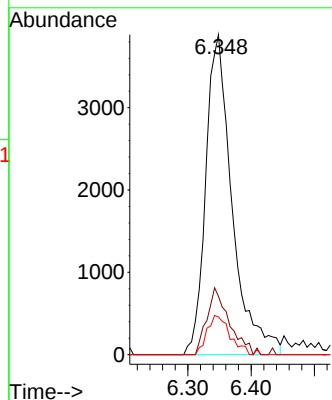
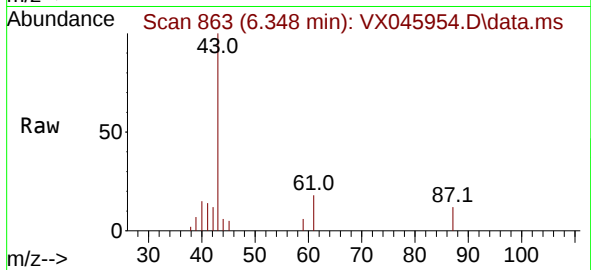




#43
Isopropyl Acetate
Concen: 4.714 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045954.D
Acq: 28 Apr 2025 14:17

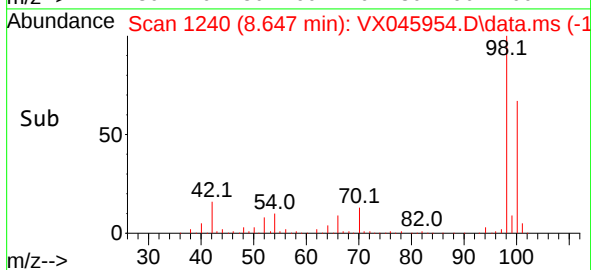
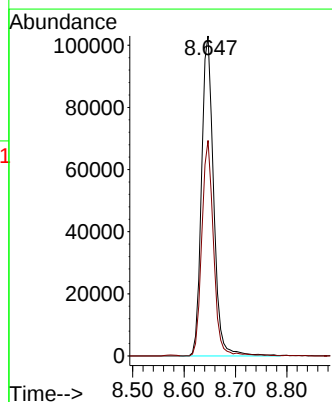
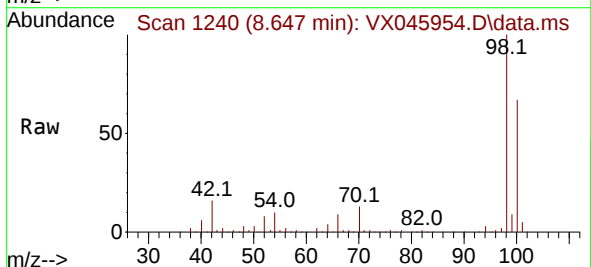
Instrument :
MSVOA_X
ClientSampleId :
RT1491

Tgt Ion: 43 Resp: 11292
Ion Ratio Lower Upper
43 100
61 17.8 14.1 21.1
87 10.6 9.2 13.8



#50
Toluene-d8
Concen: 51.904 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045954.D
Acq: 28 Apr 2025 14:17

Tgt Ion: 98 Resp: 168274
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4

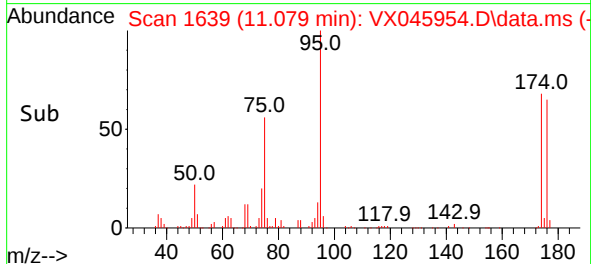
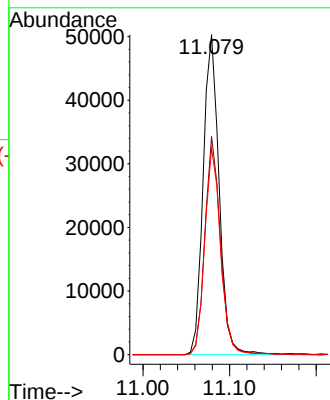
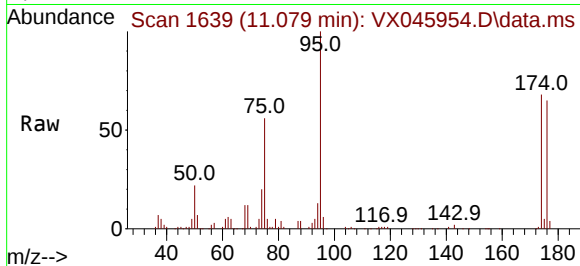




#62
4-Bromofluorobenzene
Concen: 54.453 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045954.D
Acq: 28 Apr 2025 14:17

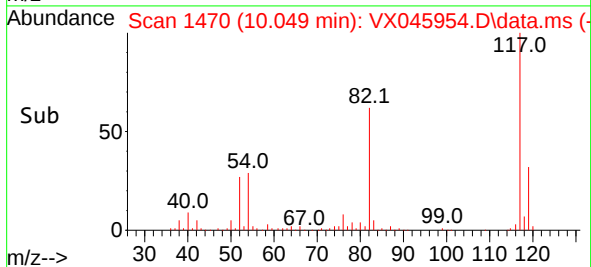
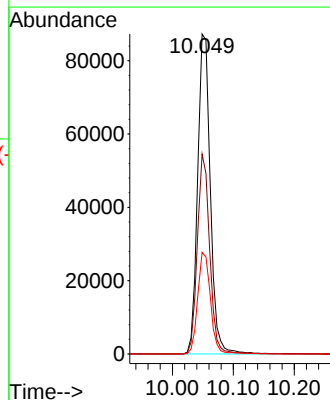
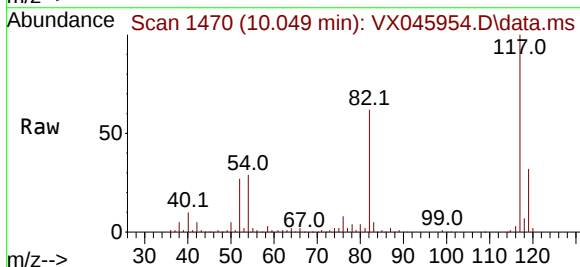
Instrument :
MSVOA_X
ClientSampleId :
RT1491

Tgt Ion: 95 Resp: 64304
Ion Ratio Lower Upper
95 100
174 66.3 0.0 135.8
176 64.1 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: VX045954.D
Acq: 28 Apr 2025 14:17

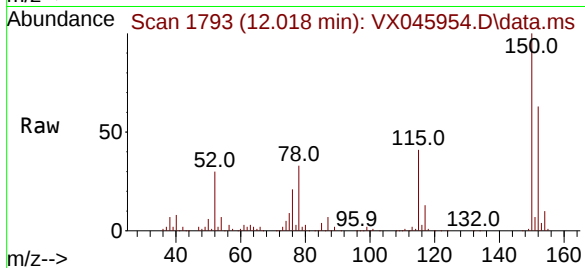
Tgt Ion: 117 Resp: 126227
Ion Ratio Lower Upper
117 100
82 62.4 49.2 73.8
119 31.7 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045954.D
 Acq: 28 Apr 2025 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 RT1491



Tgt Ion:152 Resp: 53045
 Ion Ratio Lower Upper
 152 100
 115 65.0 46.9 140.7
 150 160.2 0.0 349.4

