

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048290.D
 Acq On : 22 Oct 2025 12:23
 Operator : JC/MD
 Sample : Q3402-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 41-RA

Quant Time: Oct 22 12:40:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

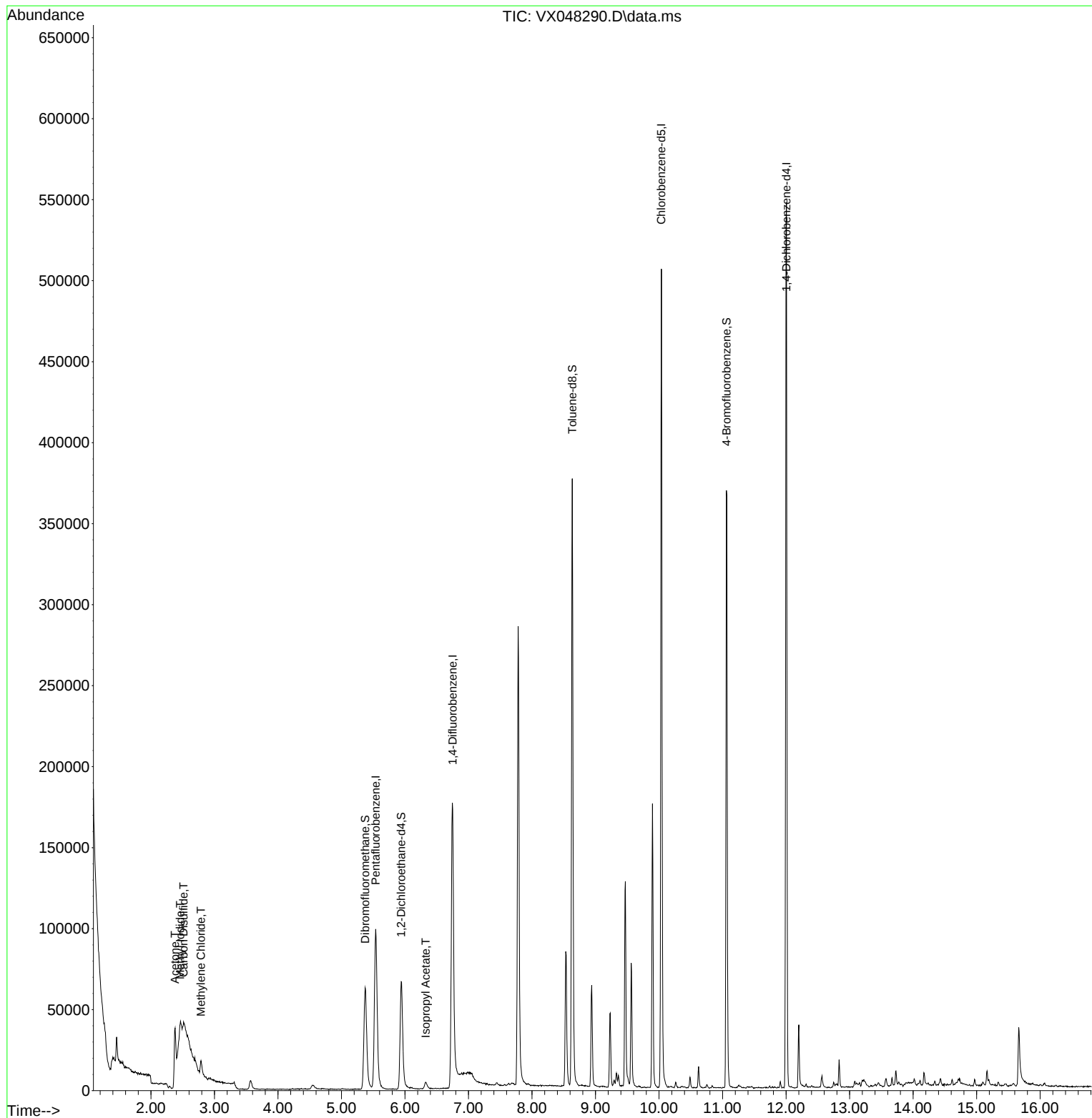
Internal Standards						
1) Pentafluorobenzene	5.538	168	102710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	197068	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	236805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	123366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	74384	51.653	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.300%
35) Dibromofluoromethane	5.373	113	60991	45.334	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.660%
50) Toluene-d8	8.635	98	232901	49.389	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.780%
62) 4-Bromofluorobenzene	11.061	95	109459	61.015	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	122.020%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	7546	5.416	ug/l	98
16) Acetone	2.380	43	49710	100.622	ug/l	93
17) Carbon Disulfide	2.514	76	4953	1.457	ug/l #	90
20) Methylene Chloride	2.788	84	4292	3.566	ug/l #	81
43) Isopropyl Acetate	6.324	43	6431	2.470	ug/l	98

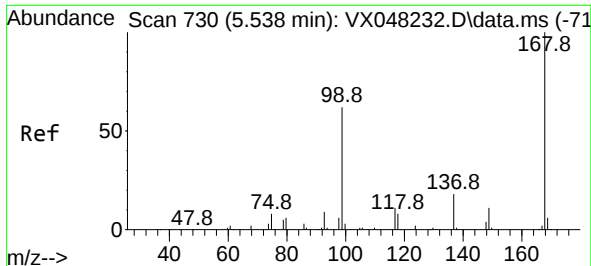
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048290.D
Acq On : 22 Oct 2025 12:23
Operator : JC/MD
Sample : Q3402-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
41-RA

Quant Time: Oct 22 12:40:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

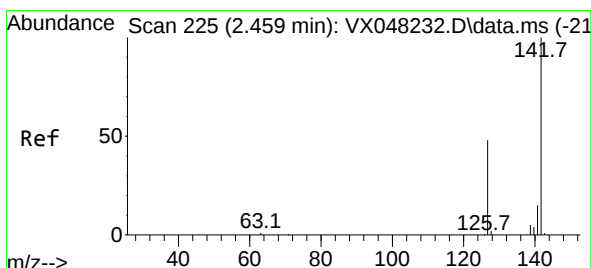
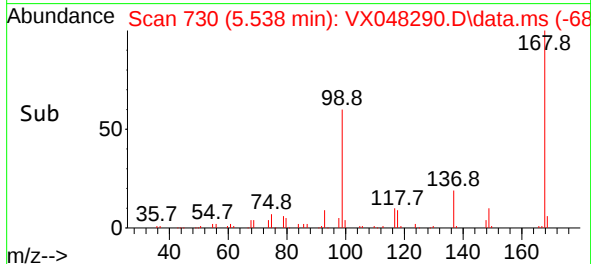
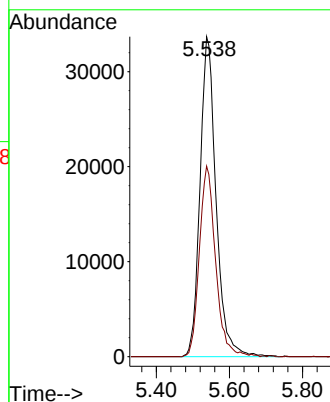
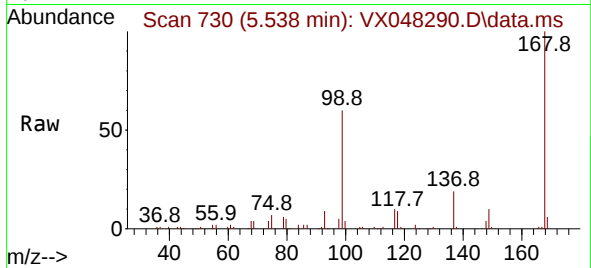




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048290.D
Acq: 22 Oct 2025 12:23

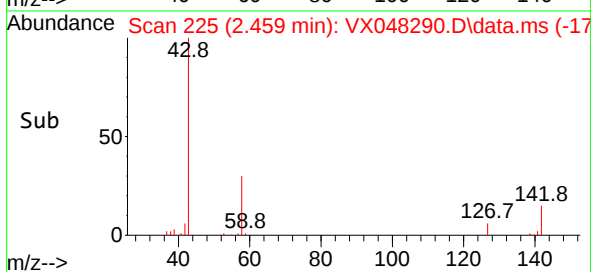
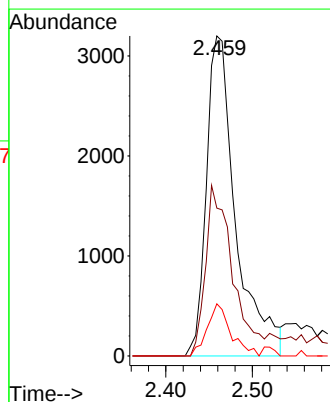
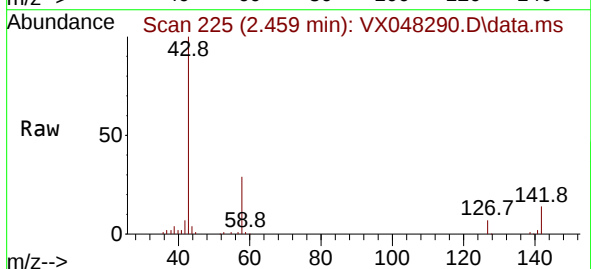
Instrument :
MSVOA_X
ClientSampleId :
41-RA

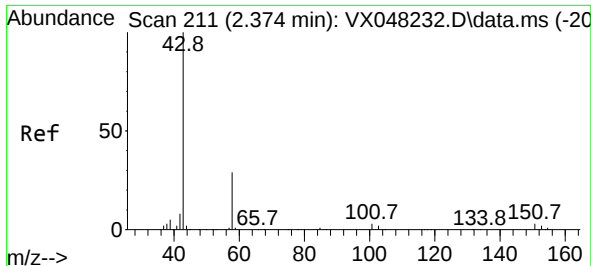
Tgt Ion:168 Resp: 102710
Ion Ratio Lower Upper
168 100
99 59.5 46.4 69.6



#10
Methyl Iodide
Concen: 5.416 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048290.D
Acq: 22 Oct 2025 12:23

Tgt Ion:142 Resp: 7546
Ion Ratio Lower Upper
142 100
127 49.2 38.5 57.7
141 13.1 11.6 17.4

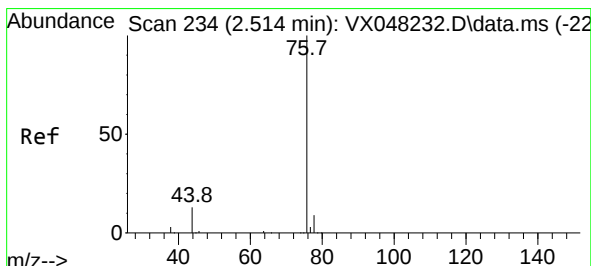
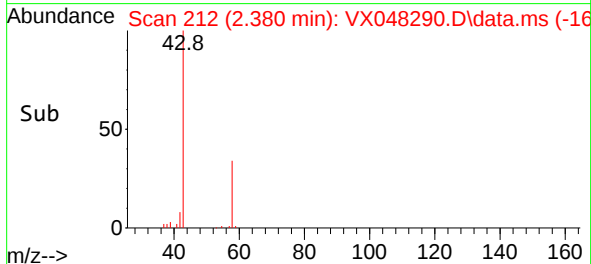
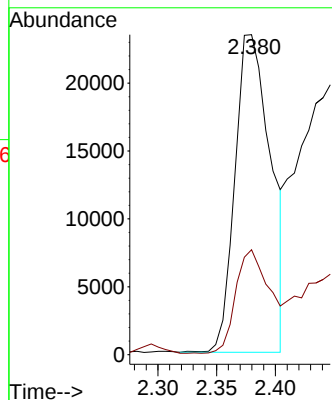
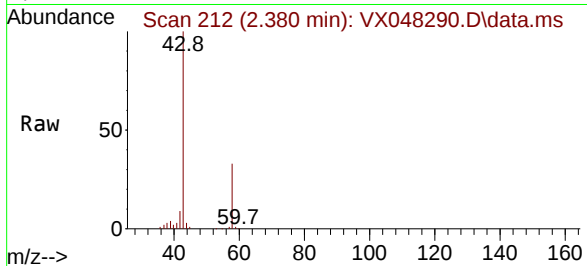




#16
Acetone
Concen: 100.622 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048290.D
Acq: 22 Oct 2025 12:23

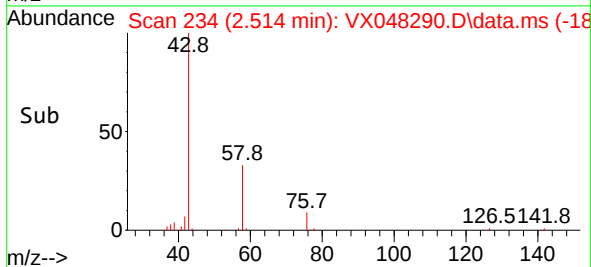
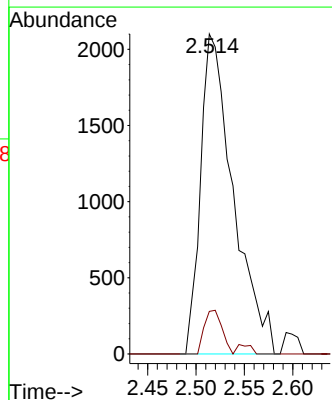
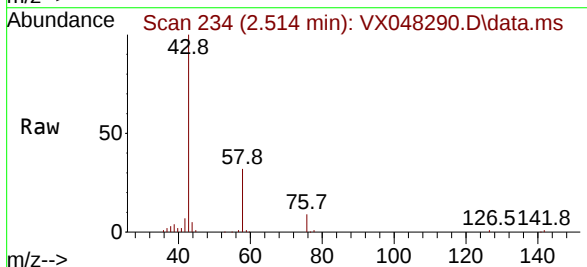
Instrument :
MSVOA_X
ClientSampleId :
41-RA

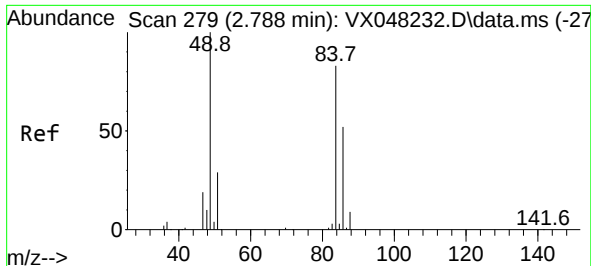
Tgt Ion: 43 Resp: 49710
Ion Ratio Lower Upper
43 100
58 33.1 23.4 35.2



#17
Carbon Disulfide
Concen: 1.457 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX048290.D
Acq: 22 Oct 2025 12:23

Tgt Ion: 76 Resp: 4953
Ion Ratio Lower Upper
76 100
78 12.7 7.1 10.7#

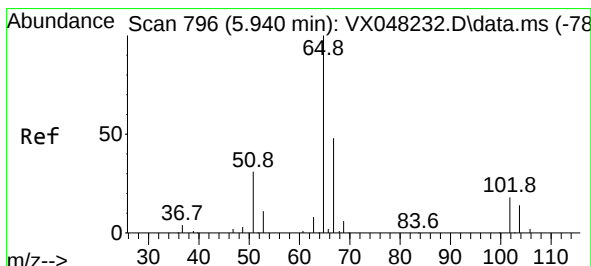
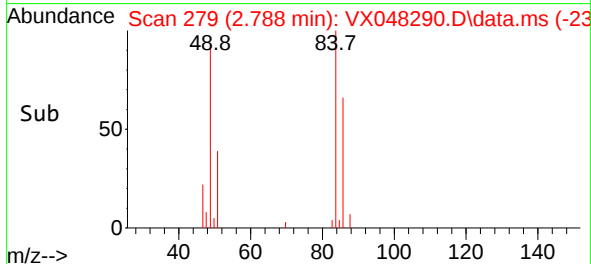
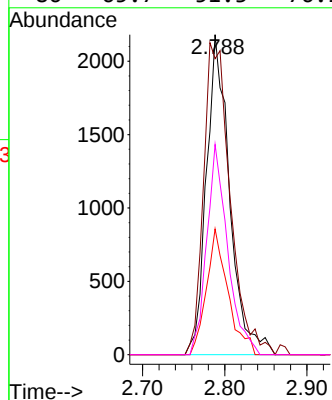
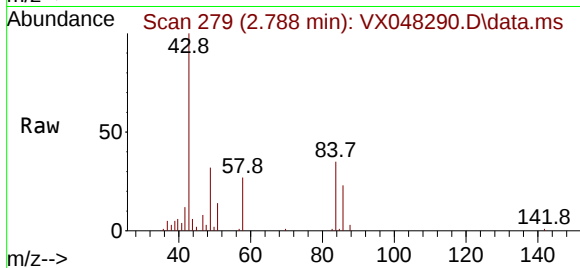




#20
Methylene Chloride
Concen: 3.566 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048290.D
Acq: 22 Oct 2025 12:23

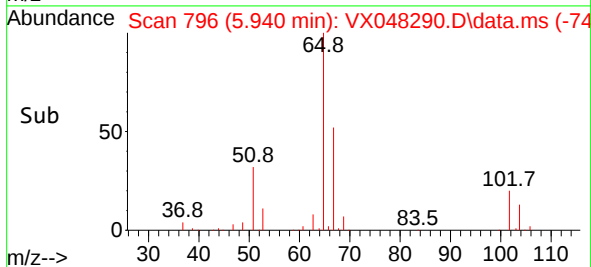
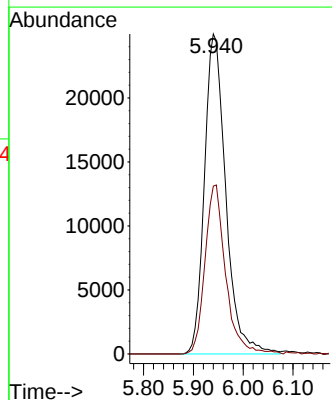
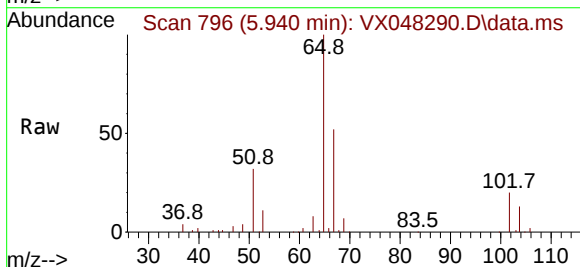
Instrument :
MSVOA_X
ClientSampleId :
41-RA

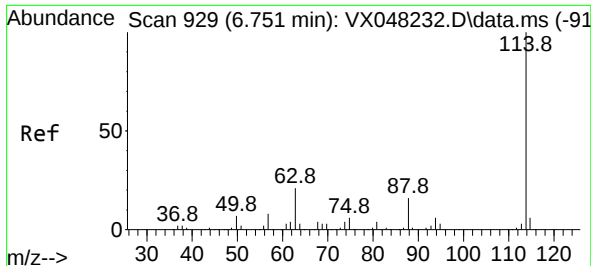
Tgt Ion:	84	Resp:	4292
Ion	Ratio	Lower	Upper
84	100		
49	92.5	104.1	156.1#
51	39.3	31.3	46.9
86	65.7	51.3	76.9



#33
1,2-Dichloroethane-d4
Concen: 51.653 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048290.D
Acq: 22 Oct 2025 12:23

Tgt Ion:	65	Resp:	74384
Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	105.0

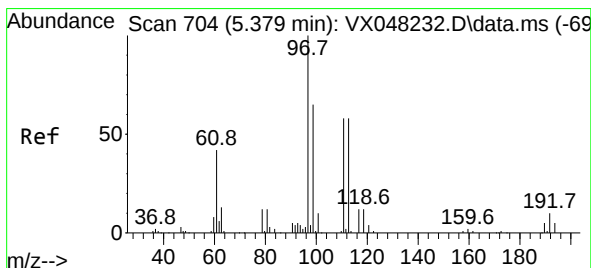
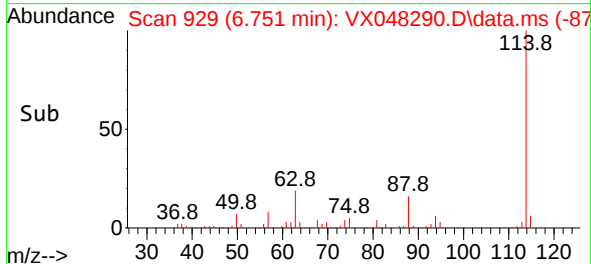
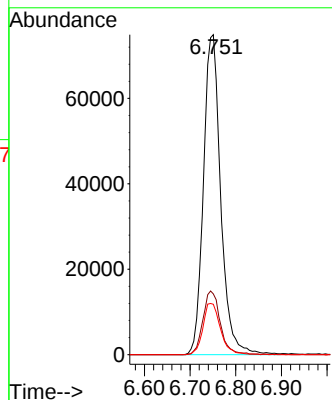
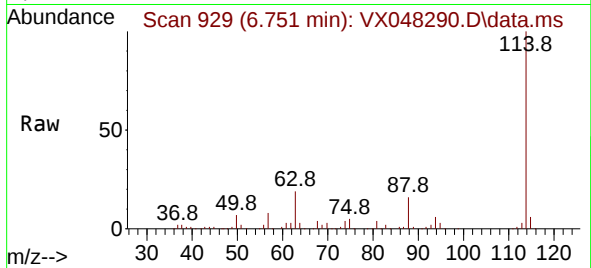




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048290.D
Acq: 22 Oct 2025 12:23

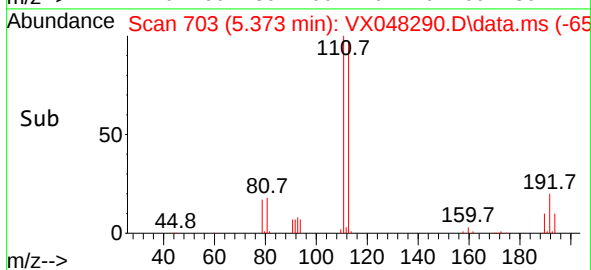
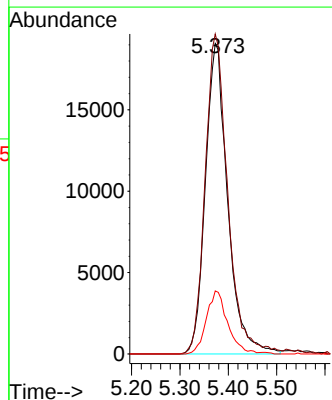
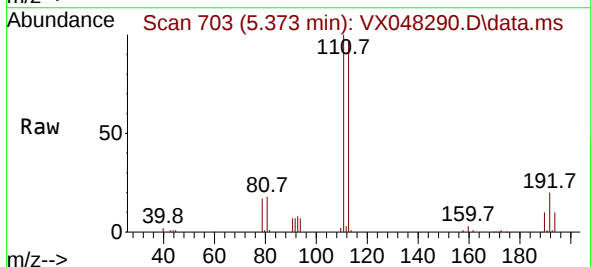
Instrument :
MSVOA_X
ClientSampleId :
41-RA

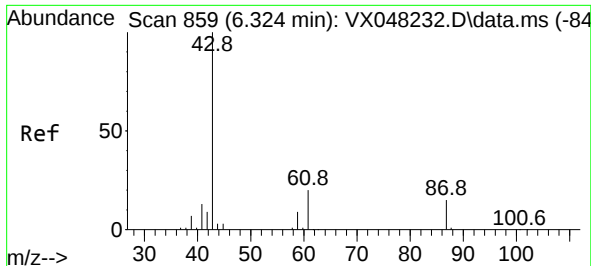
Tgt Ion:114 Resp: 197068
Ion Ratio Lower Upper
114 100
63 19.0 0.0 43.2
88 15.8 0.0 33.6



#35
Dibromofluoromethane
Concen: 45.334 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048290.D
Acq: 22 Oct 2025 12:23

Tgt Ion:113 Resp: 60991
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.4
192 19.4 15.1 22.7

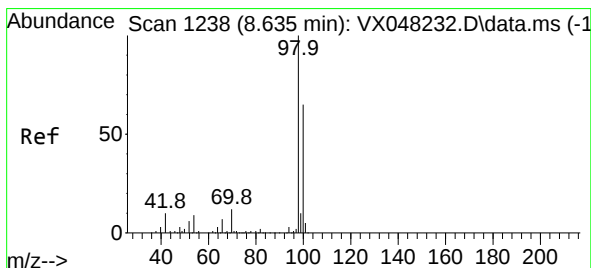
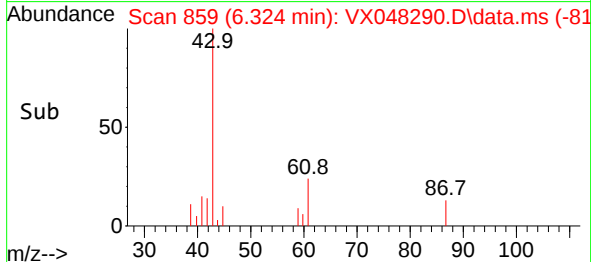
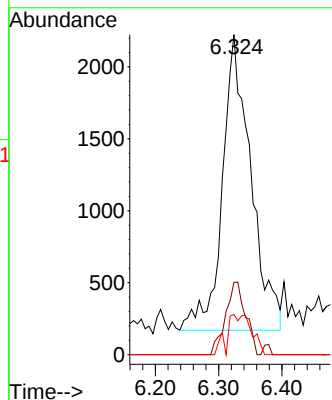
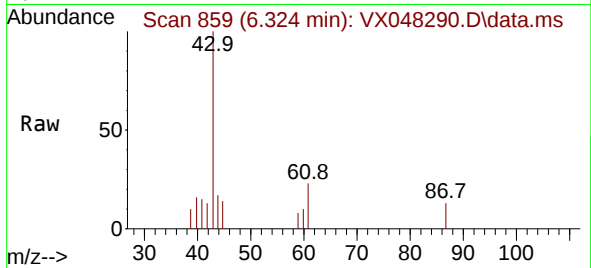




#43
Isopropyl Acetate
Concen: 2.470 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX048290.D
Acq: 22 Oct 2025 12:23

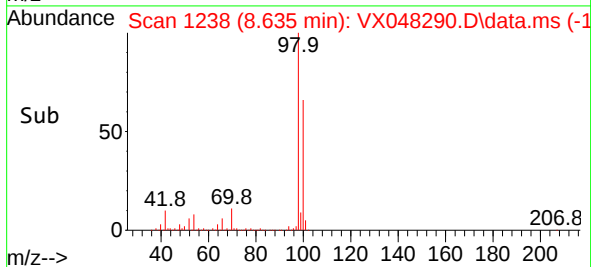
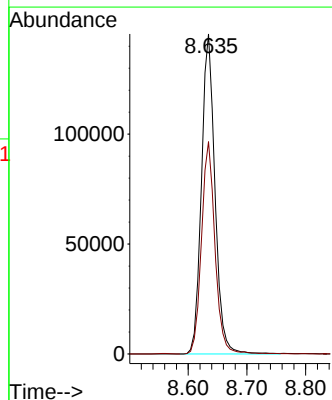
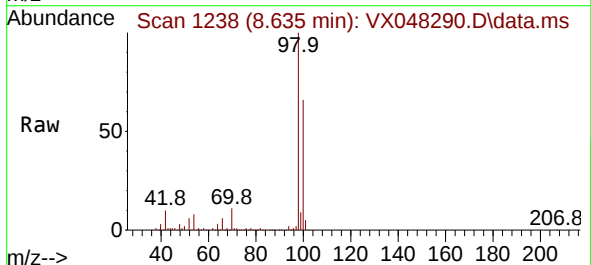
Instrument :
MSVOA_X
ClientSampleId :
41-RA

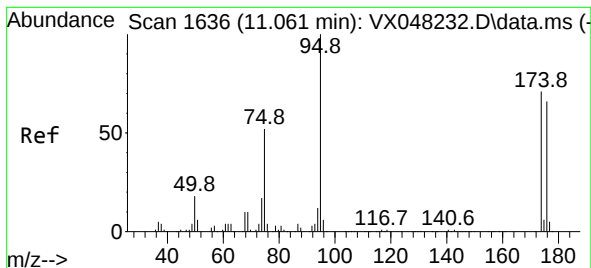
Tgt Ion:	43	Resp:	6431
Ion	Ratio	Lower	Upper
43	100		
61	17.3	14.9	22.3
87	11.9	9.4	14.2



#50
Toluene-d8
Concen: 49.389 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048290.D
Acq: 22 Oct 2025 12:23

Tgt Ion:	98	Resp:	232901
Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.4

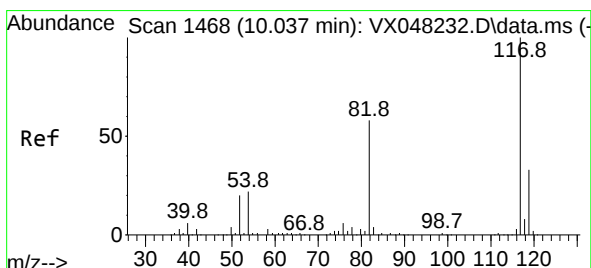
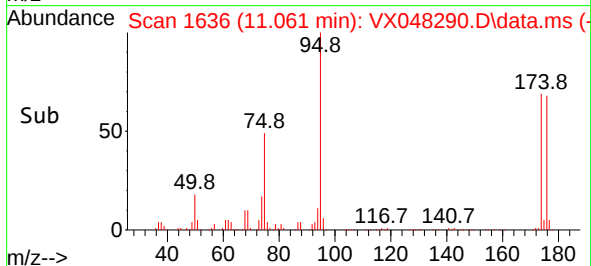
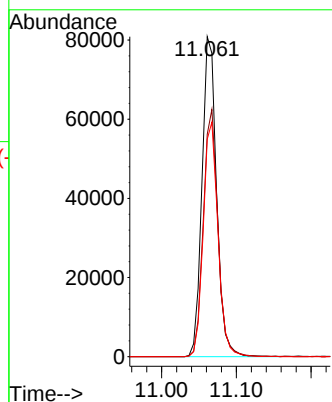
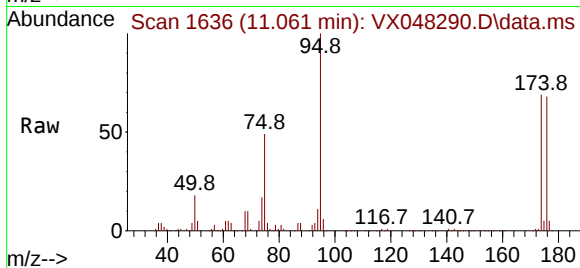




#62
4-Bromofluorobenzene
Concen: 61.015 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048290.D
Acq: 22 Oct 2025 12:23

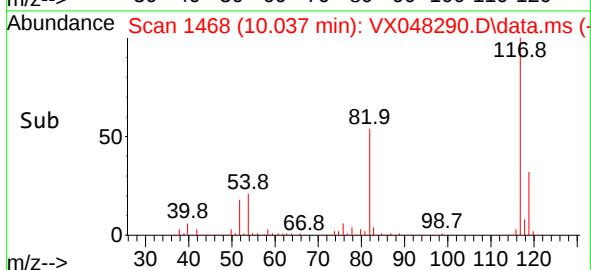
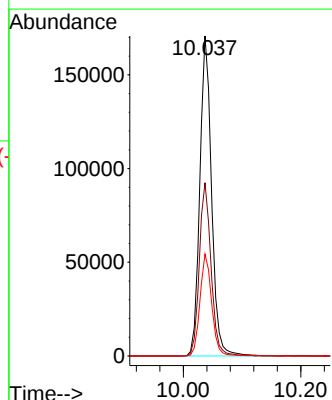
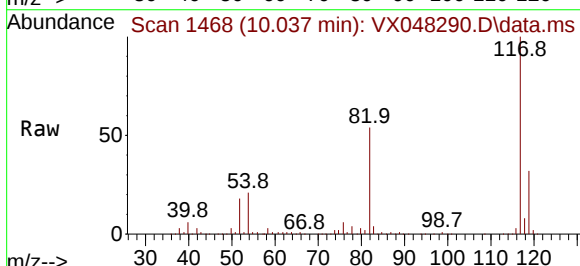
Instrument :
MSVOA_X
ClientSampleId :
41-RA

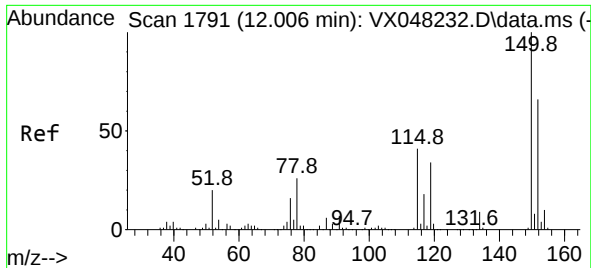
Tgt Ion: 95 Resp: 109459
Ion Ratio Lower Upper
95 100
174 77.7 0.0 147.8
176 74.0 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048290.D
Acq: 22 Oct 2025 12:23

Tgt Ion: 117 Resp: 236805
Ion Ratio Lower Upper
117 100
82 54.1 46.5 69.7
119 31.9 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048290.D

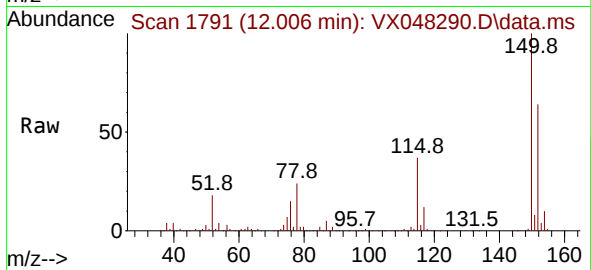
Acq: 22 Oct 2025 12:23

Instrument :

MSVOA_X

ClientSampleId :

41-RA



Tgt Ion:152 Resp: 123366

Ion Ratio Lower Upper

152 100

115 60.4 43.1 129.4

150 157.6 0.0 353.0

