

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048291.D
 Acq On : 22 Oct 2025 12:43
 Operator : JC/MD
 Sample : Q3402-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 41-LB

Quant Time: Oct 22 13:01:14 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)

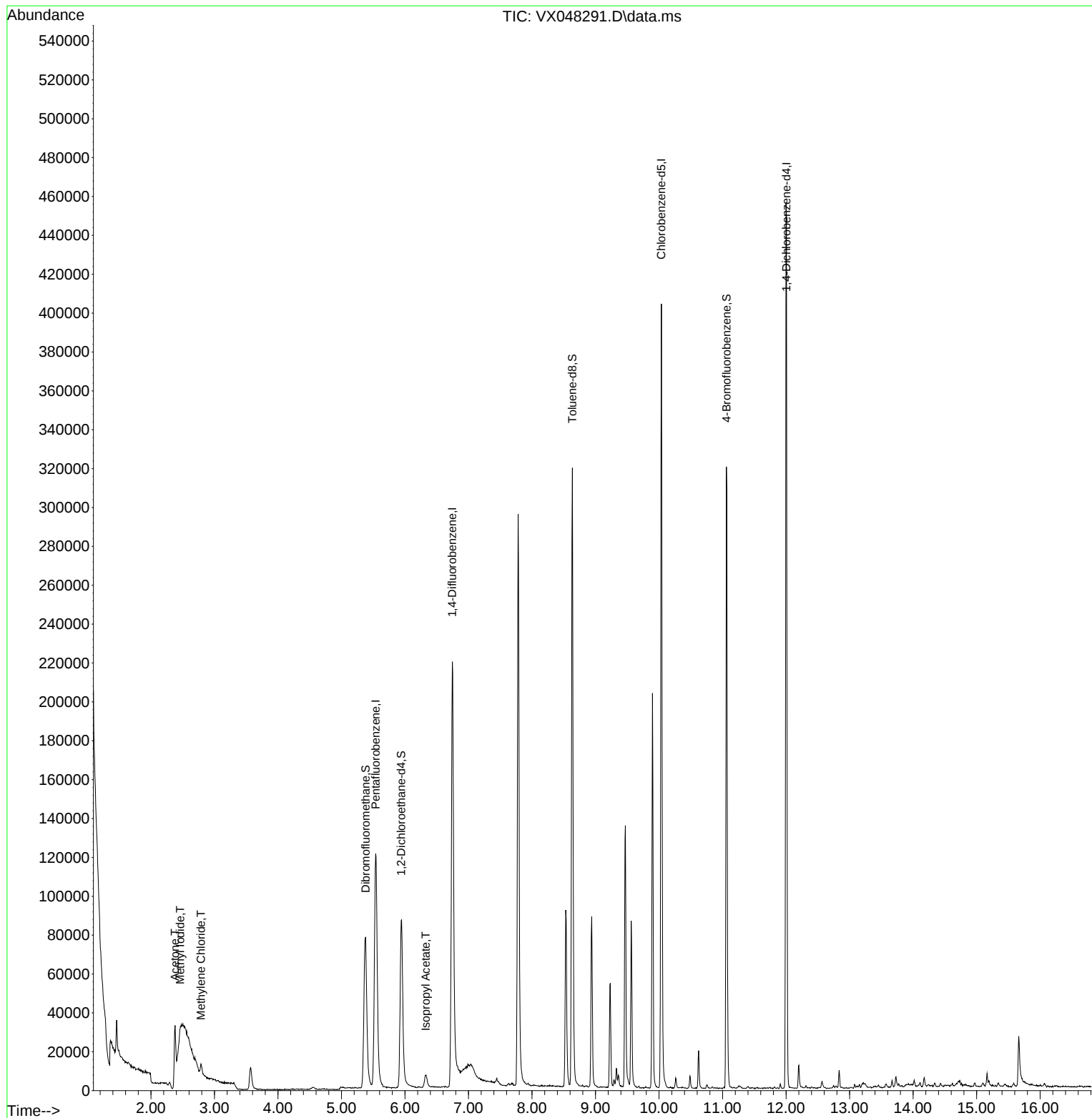
Internal Standards						
1) Pentafluorobenzene	5.537	168	128290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	238331	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	186852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	102752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	94409	52.487	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.980%
35) Dibromofluoromethane	5.379	113	78656	48.342	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.680%
50) Toluene-d8	8.634	98	196923	34.529	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	69.060%#
62) 4-Bromofluorobenzene	11.061	95	91045	41.964	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.920%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	4004	2.301	ug/l	94
16) Acetone	2.380	43	42052	68.149	ug/l	99
20) Methylene Chloride	2.788	84	2322	1.544	ug/l	86
43) Isopropyl Acetate	6.324	43	10135	3.219	ug/l	99

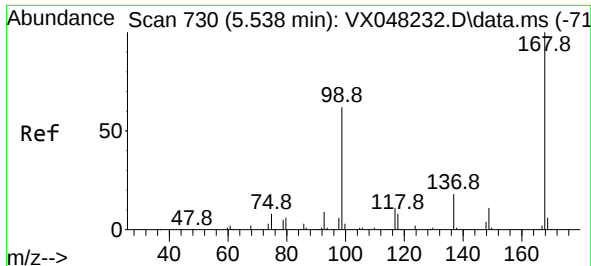
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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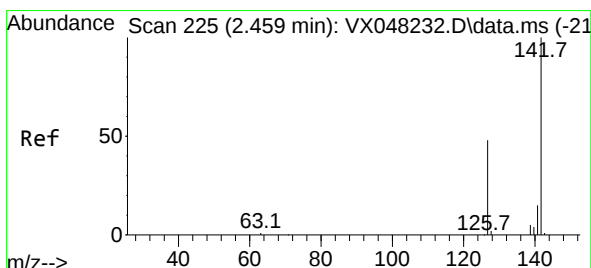
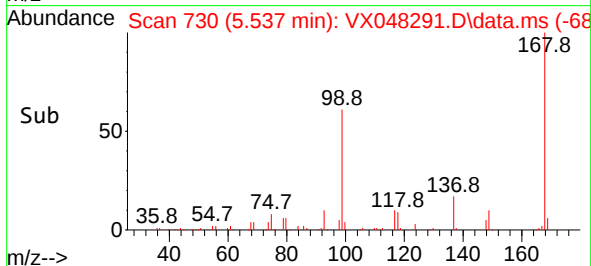
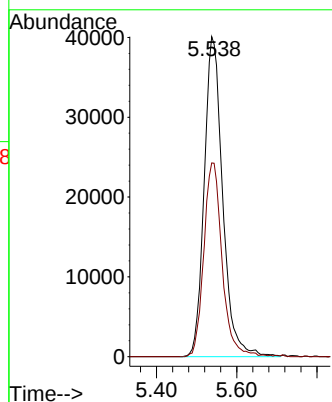
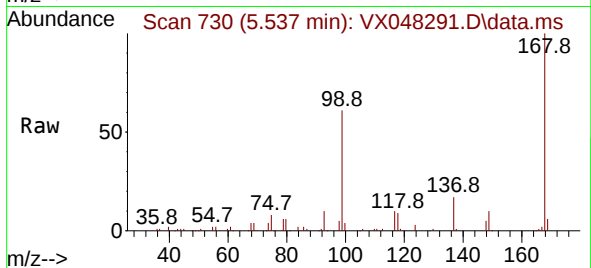




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048291.D
Acq: 22 Oct 2025 12:43

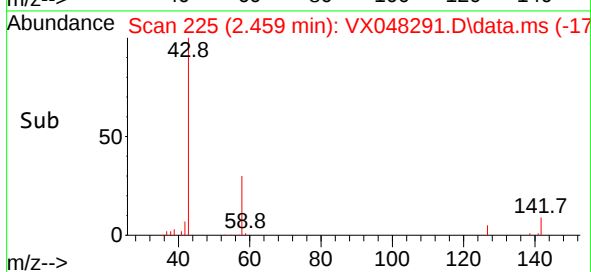
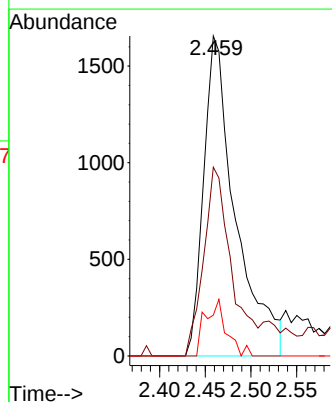
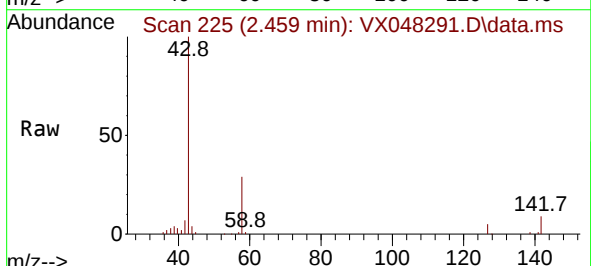
Instrument :
MSVOA_X
ClientSampleId :
41-LB

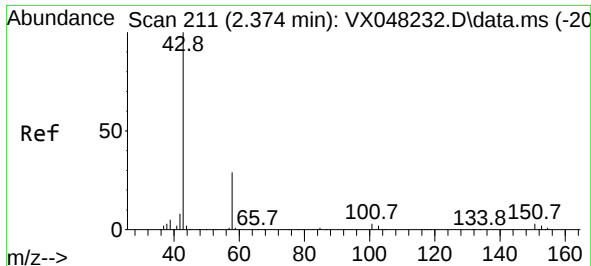
Tgt Ion:168 Resp: 128290
Ion Ratio Lower Upper
168 100
99 60.5 46.4 69.6



#10
Methyl Iodide
Concen: 2.301 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048291.D
Acq: 22 Oct 2025 12:43

Tgt Ion:142 Resp: 4004
Ion Ratio Lower Upper
142 100
127 51.7 38.5 57.7
141 11.7 11.6 17.4

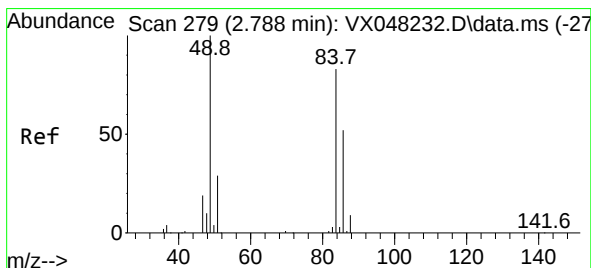
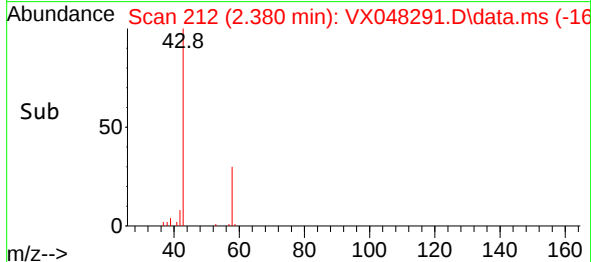
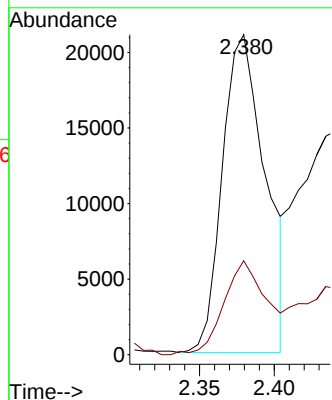
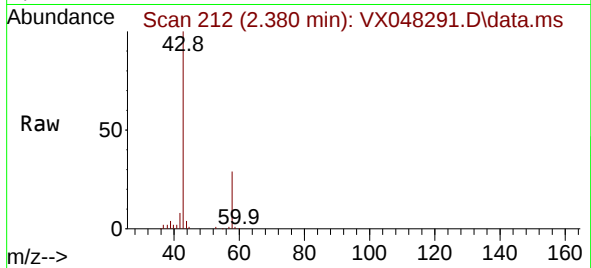




#16
Acetone
Concen: 68.149 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048291.D
Acq: 22 Oct 2025 12:43

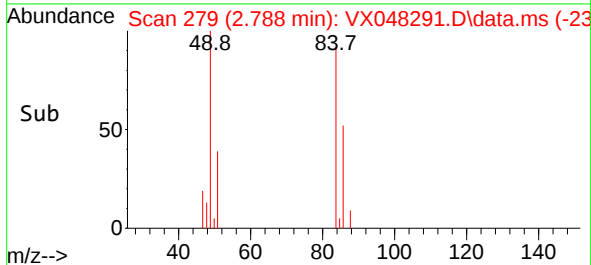
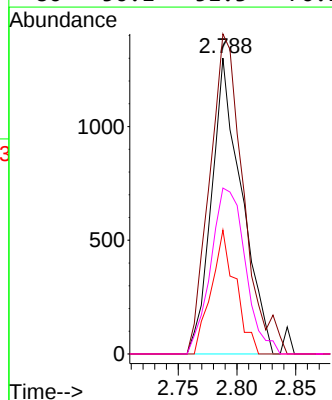
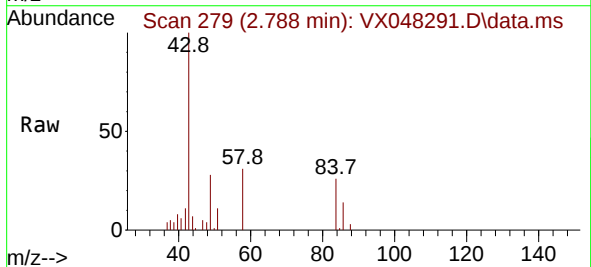
Instrument :
MSVOA_X
ClientSampleId :
41-LB

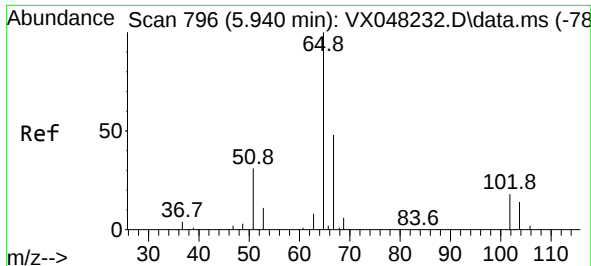
Tgt Ion: 43 Resp: 42052
Ion Ratio Lower Upper
43 100
58 29.6 23.4 35.2



#20
Methylene Chloride
Concen: 1.544 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048291.D
Acq: 22 Oct 2025 12:43

Tgt Ion: 84 Resp: 2322
Ion Ratio Lower Upper
84 100
49 108.1 104.1 156.1
51 41.9 31.3 46.9
86 56.1 51.3 76.9

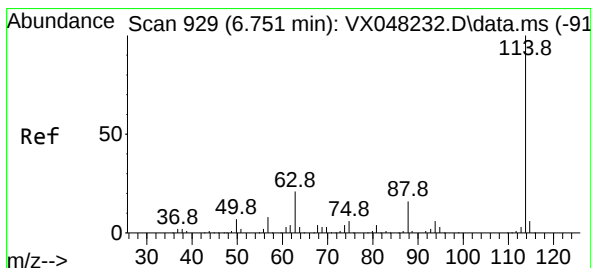
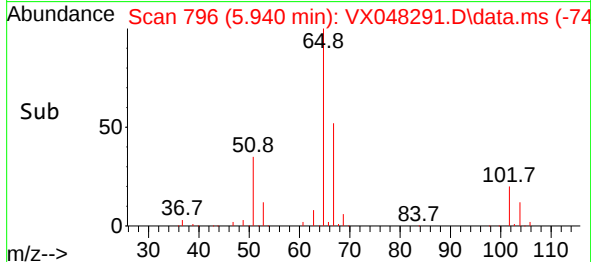
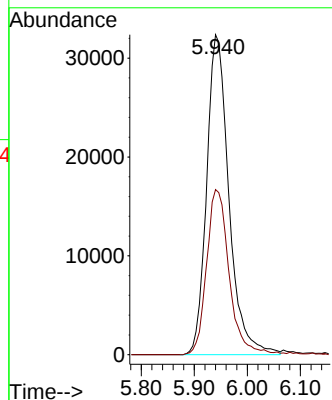
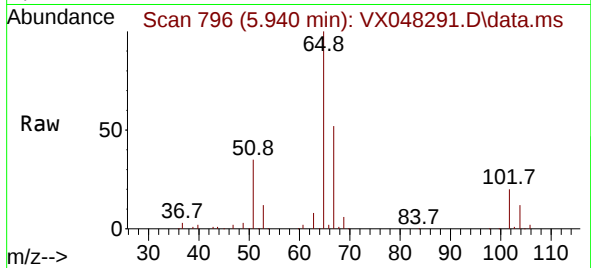




#33
 1,2-Dichloroethane-d4
 Concen: 52.487 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX048291.D
 Acq: 22 Oct 2025 12:43

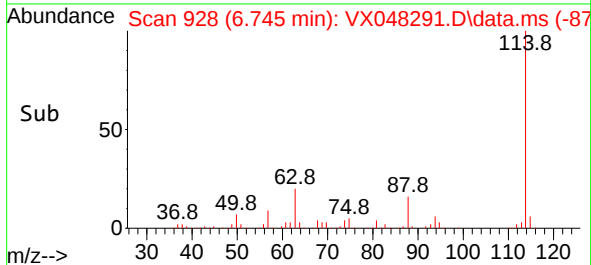
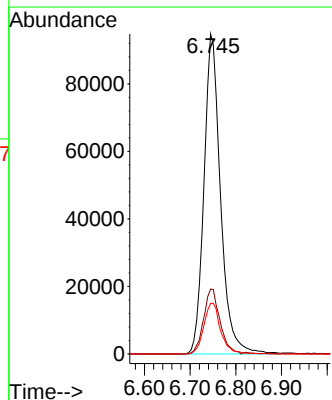
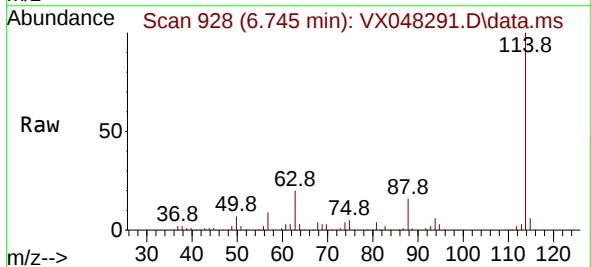
Instrument :
 MSVOA_X
 ClientSampleId :
 41-LB

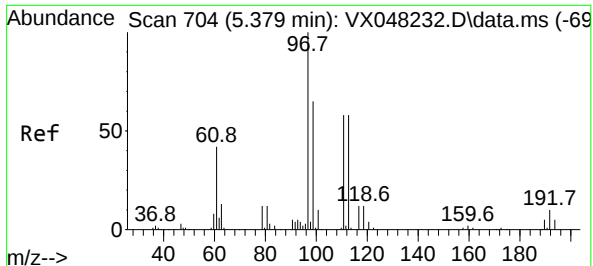
Tgt Ion: 65 Resp: 94409
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048291.D
 Acq: 22 Oct 2025 12:43

Tgt Ion: 114 Resp: 238331
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 43.2
 88 15.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 48.342 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX048291.D

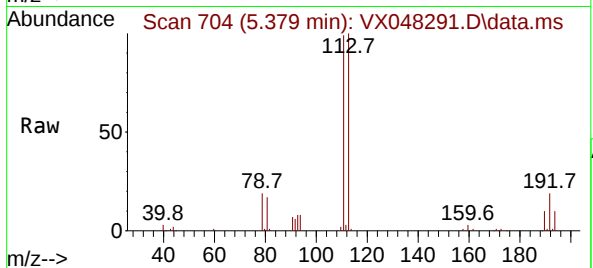
Acq: 22 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

41-LB



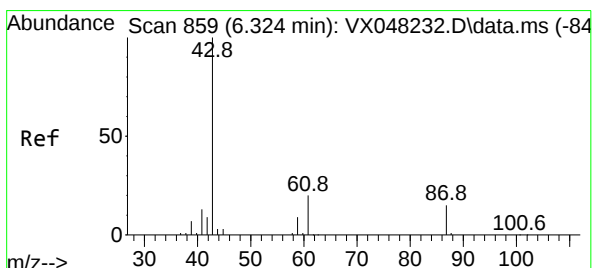
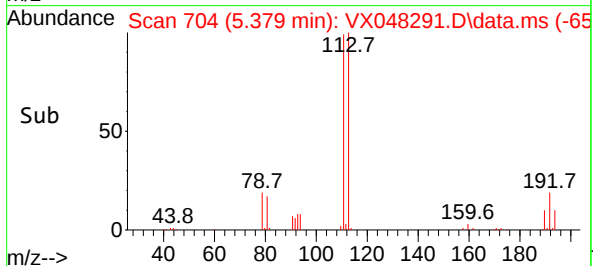
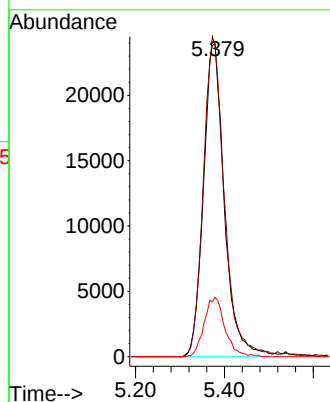
Tgt Ion:113 Resp: 78656

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

192 18.8 15.1 22.7



#43

Isopropyl Acetate

Concen: 3.219 ug/l

RT: 6.324 min Scan# 859

Delta R.T. -0.000 min

Lab File: VX048291.D

Acq: 22 Oct 2025 12:43

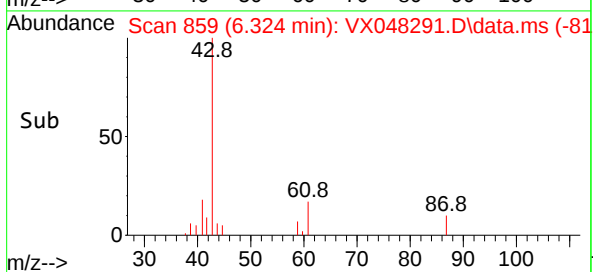
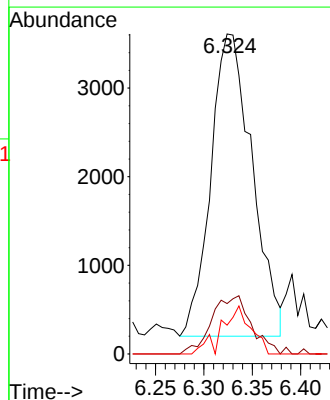
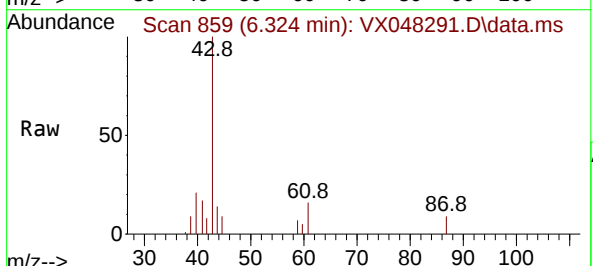
Tgt Ion: 43 Resp: 10135

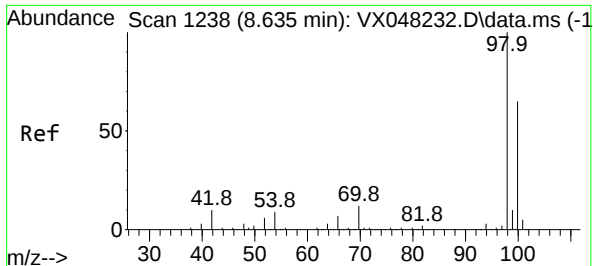
Ion Ratio Lower Upper

43 100

61 18.7 14.9 22.3

87 11.2 9.4 14.2

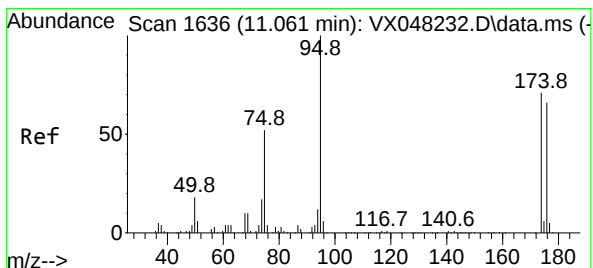
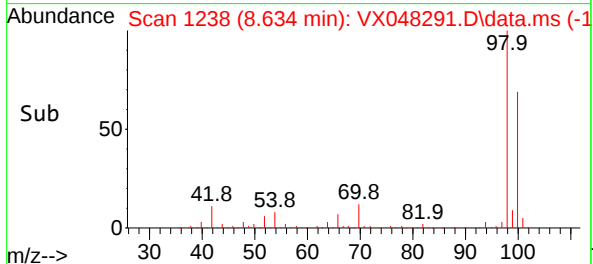
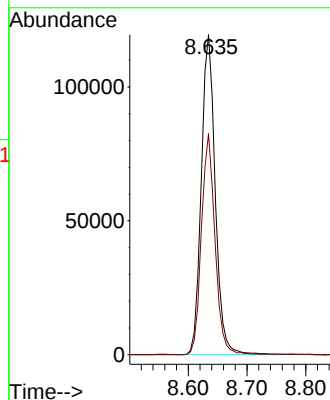
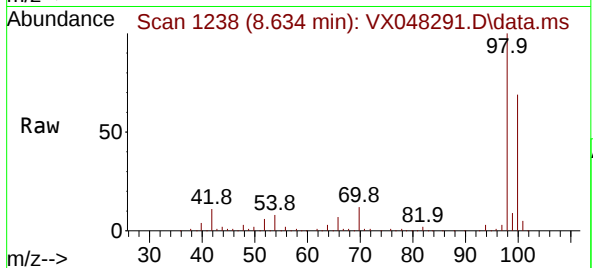




#50
Toluene-d8
Concen: 34.529 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048291.D
Acq: 22 Oct 2025 12:43

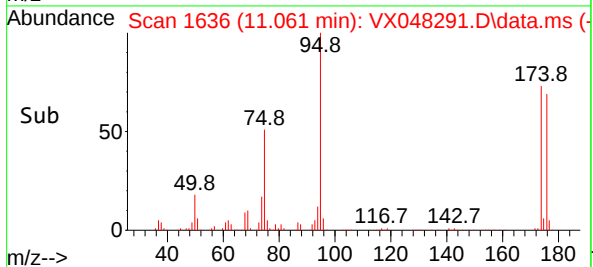
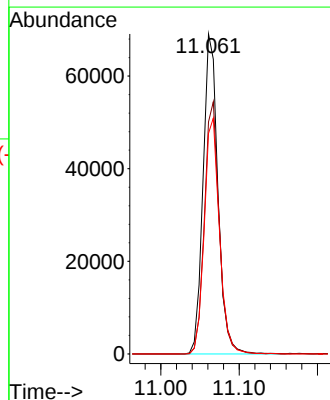
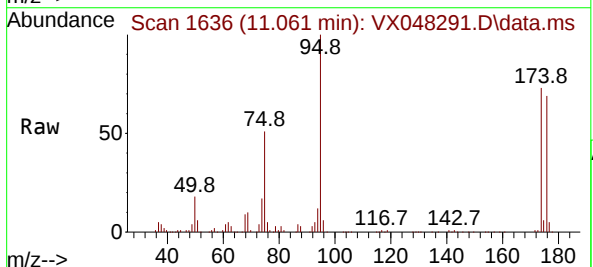
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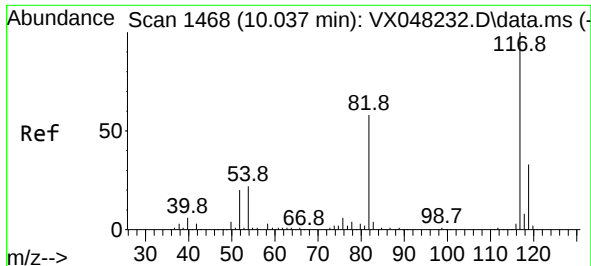
Tgt Ion: 98 Resp: 196923
Ion Ratio Lower Upper
98 100
100 67.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 41.964 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048291.D
Acq: 22 Oct 2025 12:43

Tgt Ion: 95 Resp: 91045
Ion Ratio Lower Upper
95 100
174 78.7 0.0 147.8
176 75.4 0.0 142.8

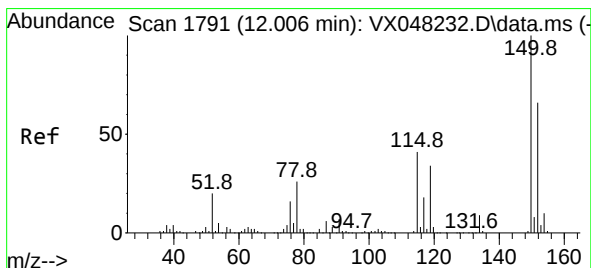
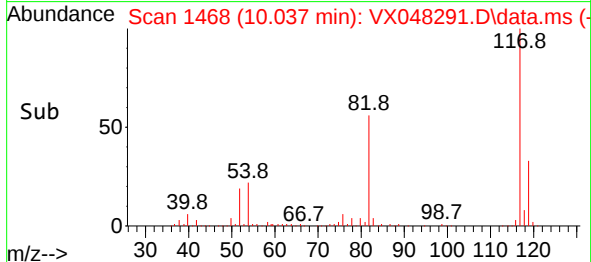
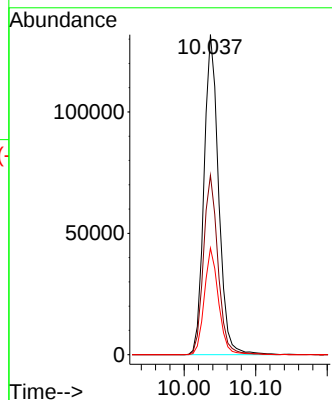
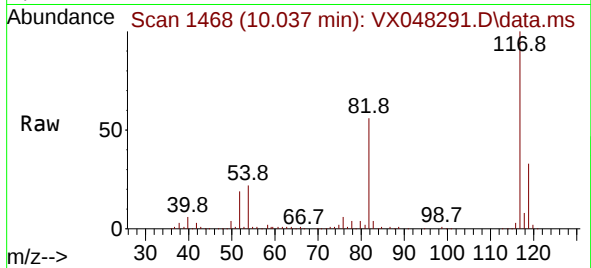




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048291.D
Acq: 22 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
41-LB

Tgt Ion:117 Resp: 186852
Ion Ratio Lower Upper
117 100
82 56.1 46.5 69.7
119 33.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048291.D
Acq: 22 Oct 2025 12:43

Tgt Ion:152 Resp: 102752
Ion Ratio Lower Upper
152 100
115 61.7 43.1 129.4
150 156.1 0.0 353.0

