

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102825\
 Data File : VX048391.D
 Acq On : 28 Oct 2025 12:13
 Operator : JC/MD
 Sample : Q3460-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-4

Quant Time: Oct 29 01:17:58 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)

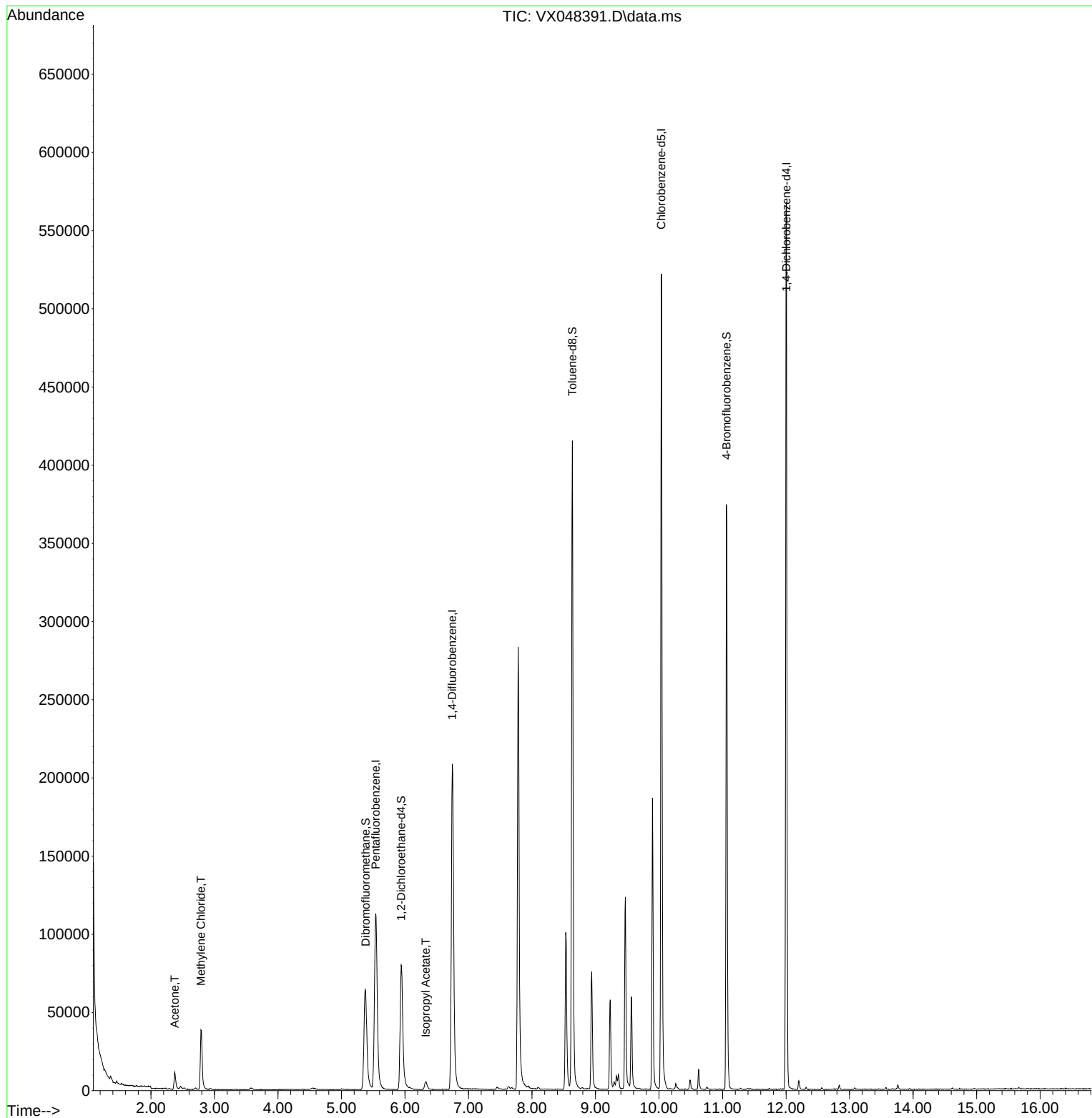
Internal Standards						
1) Pentafluorobenzene	5.538	168	113508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	231147	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	242052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	123830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	90581	56.917	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.840%
35) Dibromofluoromethane	5.379	113	65672	41.617	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	83.240%
50) Toluene-d8	8.635	98	254044	45.930	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.860%#
62) 4-Bromofluorobenzene	11.061	95	109703	52.135	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.280%
Target Compounds						
						Qvalue
16) Acetone	2.374	43	14436	26.441	ug/l	92
20) Methylene Chloride	2.788	84	19996	15.031	ug/l	94
43) Isopropyl Acetate	6.324	43	8261	2.705	ug/l	95

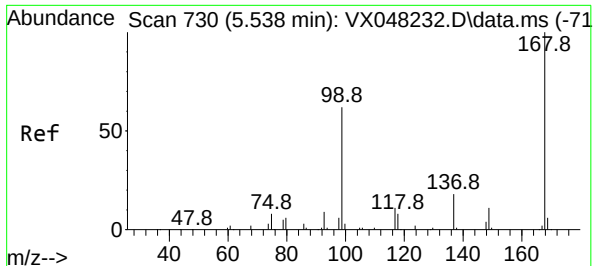
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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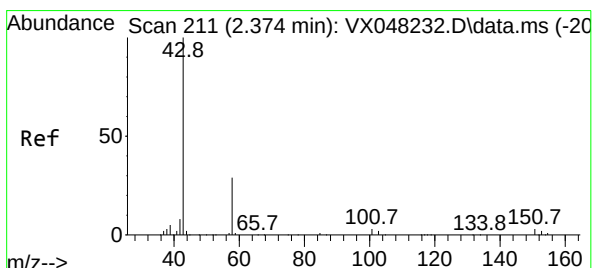
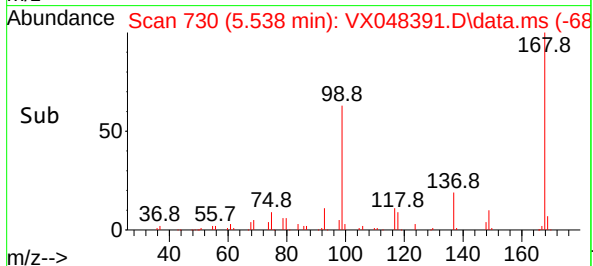
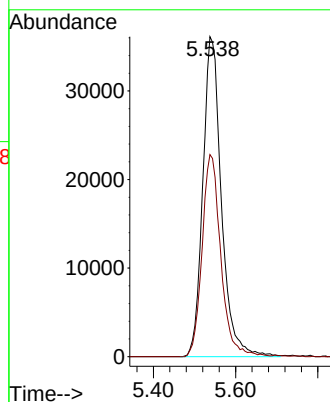
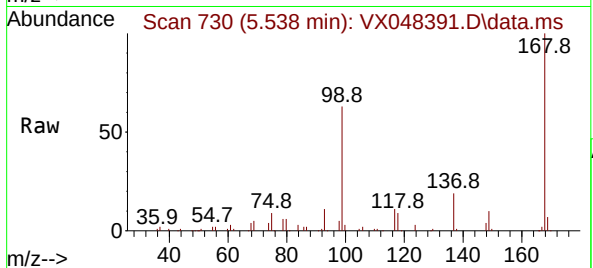




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.006 min
Lab File: VX048391.D
Acq: 28 Oct 2025 12:13

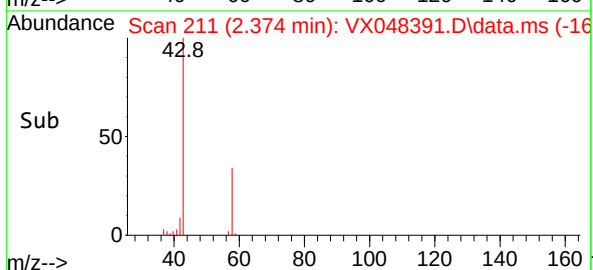
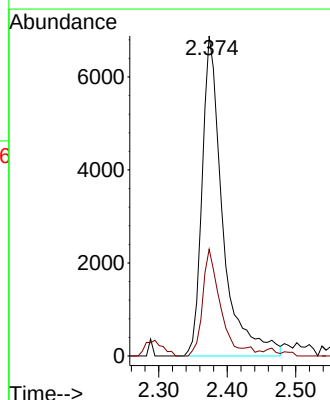
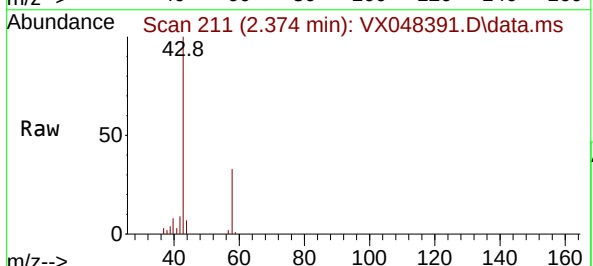
Instrument :
MSVOA_X
ClientSampleId :
WC-4

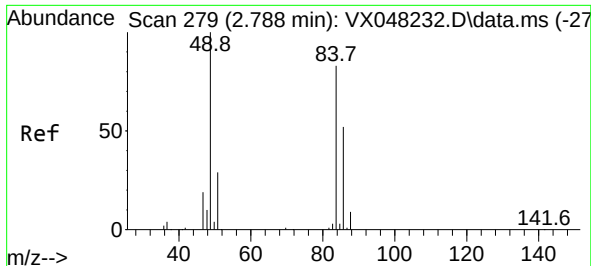
Tgt Ion:168 Resp: 113508
Ion Ratio Lower Upper
168 100
99 63.1 46.4 69.6



#16
Acetone
Concen: 26.441 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048391.D
Acq: 28 Oct 2025 12:13

Tgt Ion: 43 Resp: 14436
Ion Ratio Lower Upper
43 100
58 33.3 23.4 35.2

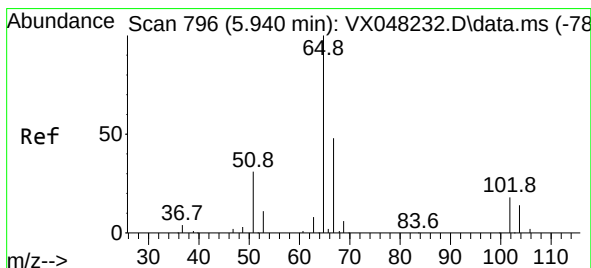
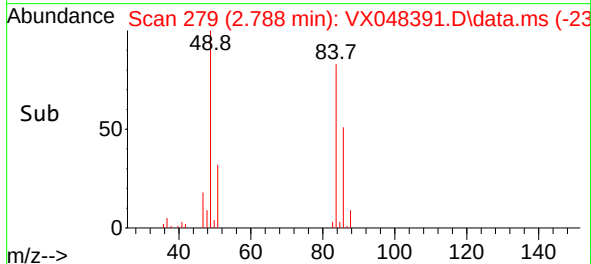
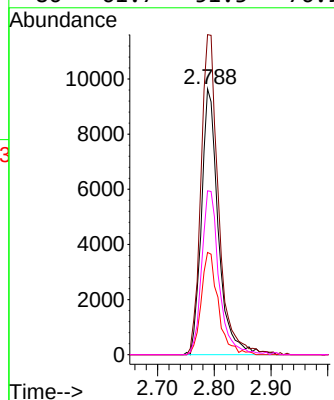
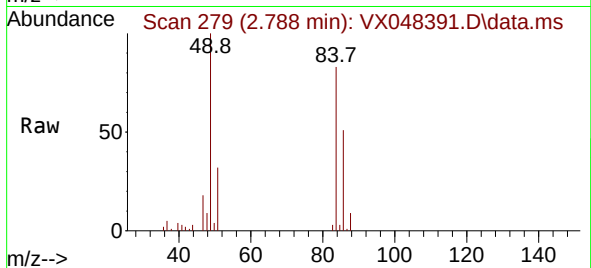




#20
Methylene Chloride
Concen: 15.031 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048391.D
Acq: 28 Oct 2025 12:13

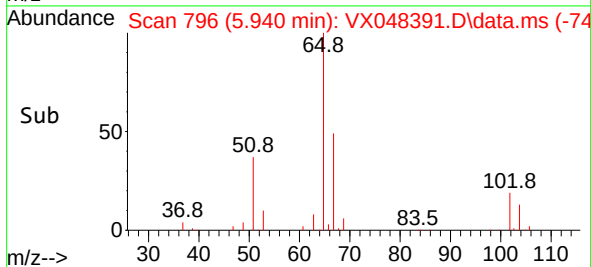
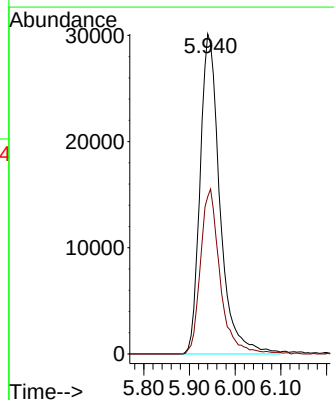
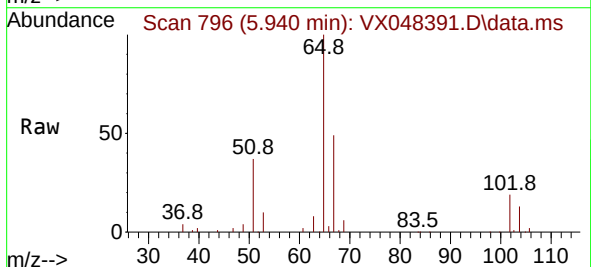
Instrument :
MSVOA_X
ClientSampleId :
WC-4

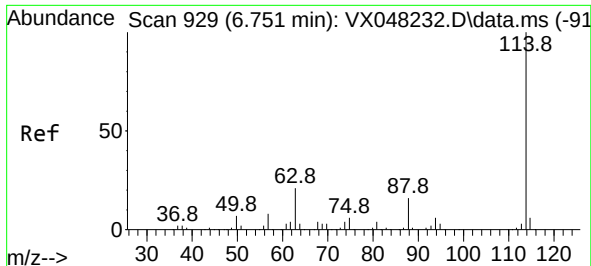
Tgt Ion:	84	Resp:	19996
Ion	Ratio	Lower	Upper
84	100		
49	120.4	104.1	156.1
51	38.5	31.3	46.9
86	61.7	51.3	76.9



#33
1,2-Dichloroethane-d4
Concen: 56.917 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048391.D
Acq: 28 Oct 2025 12:13

Tgt Ion:	65	Resp:	90581
Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	105.0

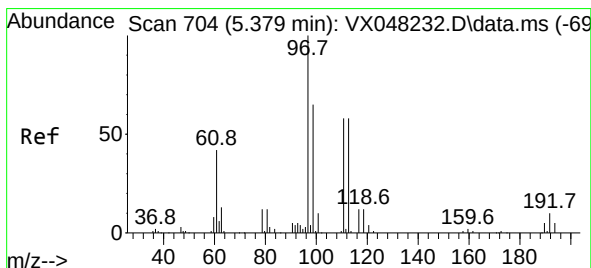
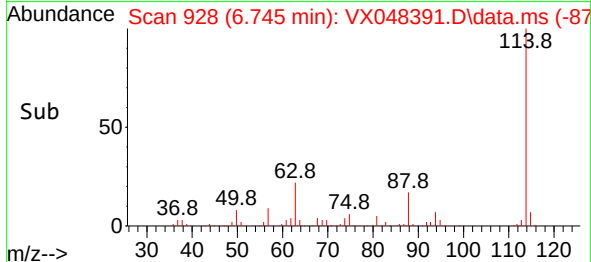
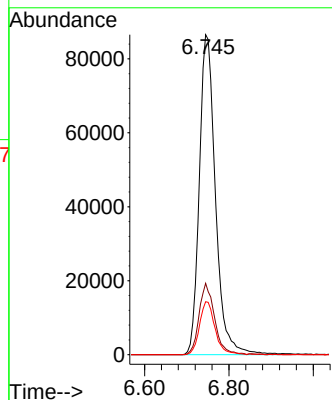
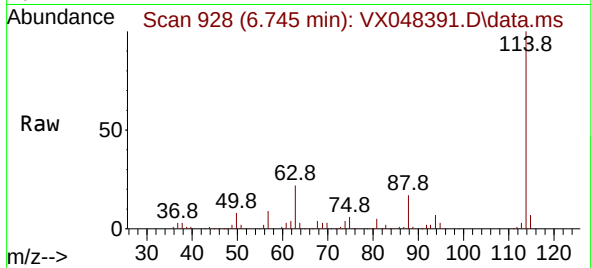




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048391.D
Acq: 28 Oct 2025 12:13

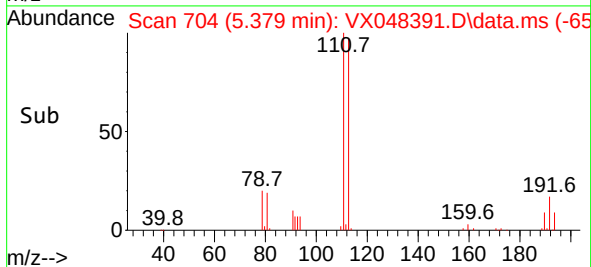
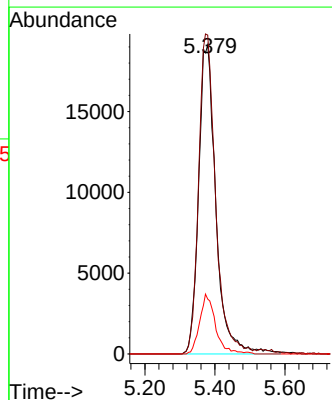
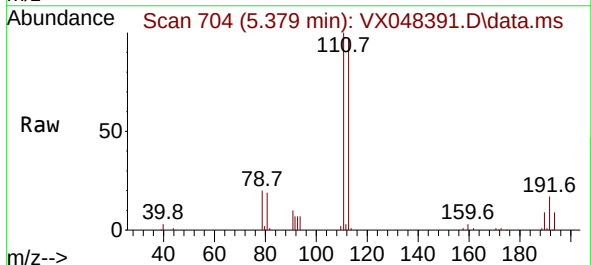
Instrument :
MSVOA_X
ClientSampleId :
WC-4

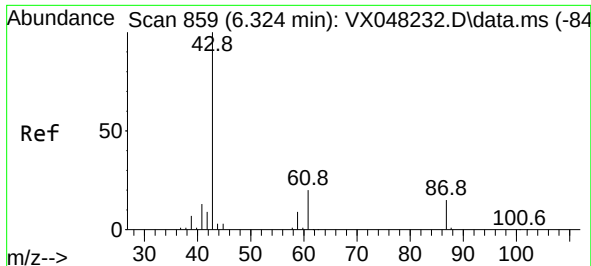
Tgt Ion:114 Resp: 231147
Ion Ratio Lower Upper
114 100
63 22.3 0.0 43.2
88 16.6 0.0 33.6



#35
Dibromofluoromethane
Concen: 41.617 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048391.D
Acq: 28 Oct 2025 12:13

Tgt Ion:113 Resp: 65672
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 17.5 15.1 22.7

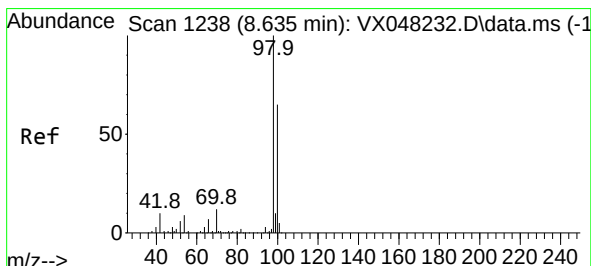
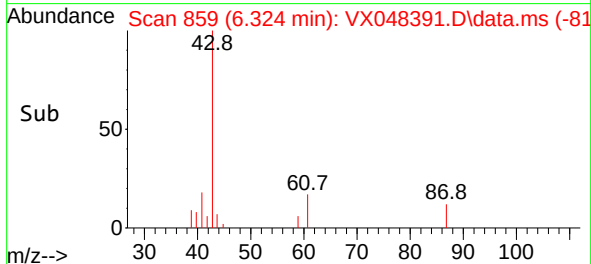
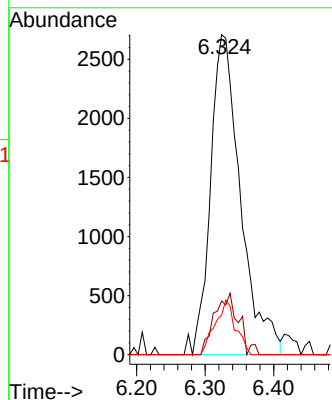
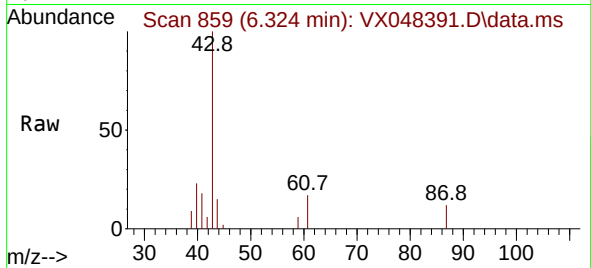




#43
Isopropyl Acetate
Concen: 2.705 ug/l
RT: 6.324 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048391.D
Acq: 28 Oct 2025 12:13

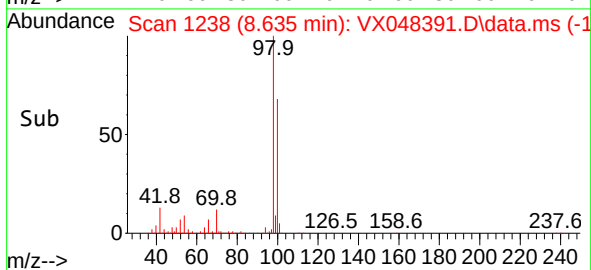
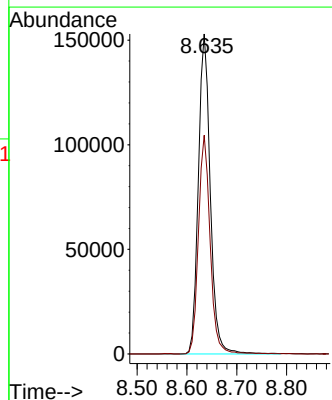
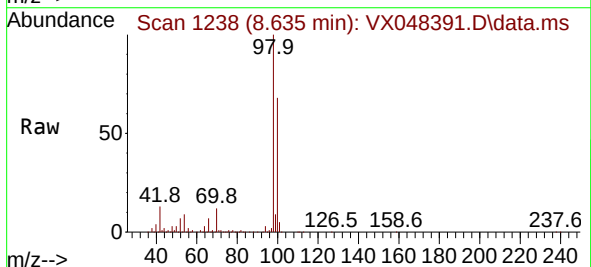
Instrument :
MSVOA_X
ClientSampleId :
WC-4

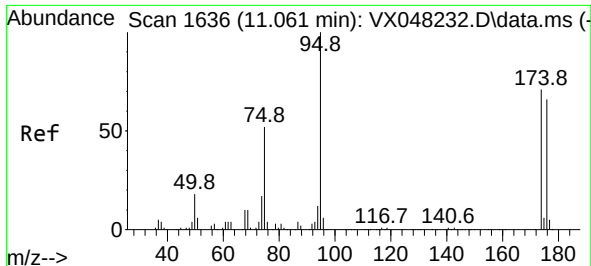
Tgt Ion:	43	Resp:	8261
Ion	Ratio	Lower	Upper
43	100		
61	15.4	14.9	22.3
87	11.5	9.4	14.2



#50
Toluene-d8
Concen: 45.930 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048391.D
Acq: 28 Oct 2025 12:13

Tgt Ion:	98	Resp:	254044
Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.0	79.4

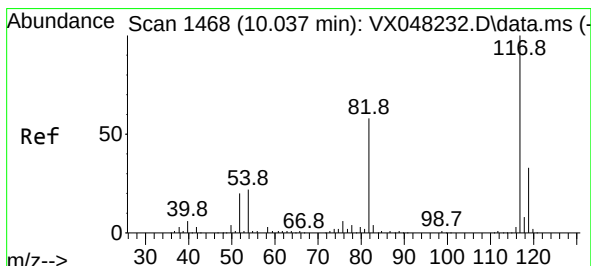
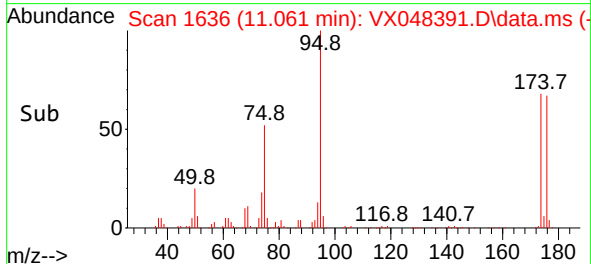
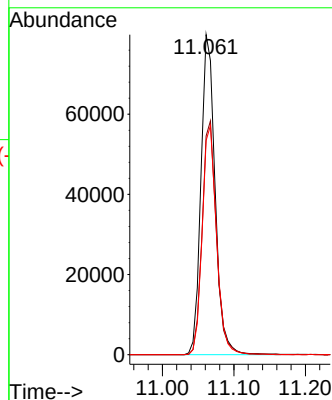
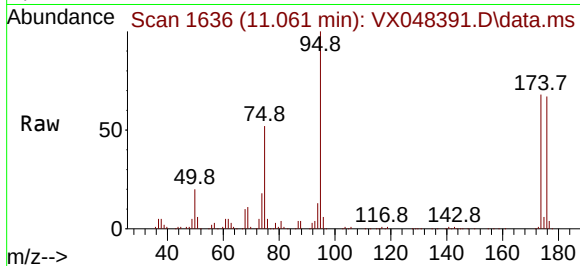




#62
4-Bromofluorobenzene
Concen: 52.135 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048391.D
Acq: 28 Oct 2025 12:13

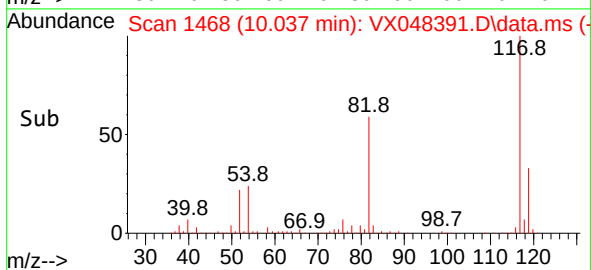
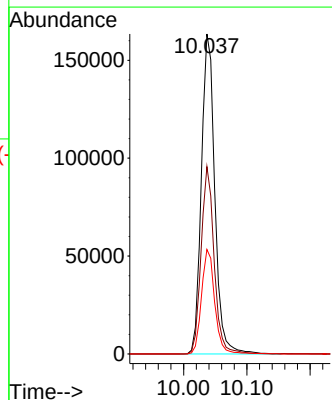
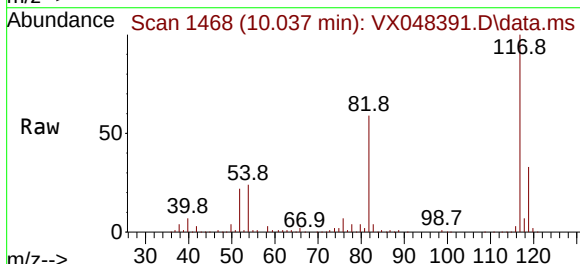
Instrument :
MSVOA_X
ClientSampleId :
WC-4

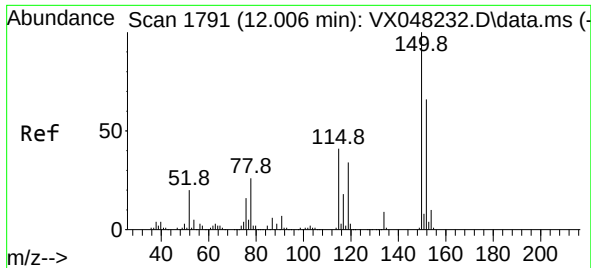
Tgt Ion: 95 Resp: 109703
Ion Ratio Lower Upper
95 100
174 73.6 0.0 147.8
176 72.5 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048391.D
Acq: 28 Oct 2025 12:13

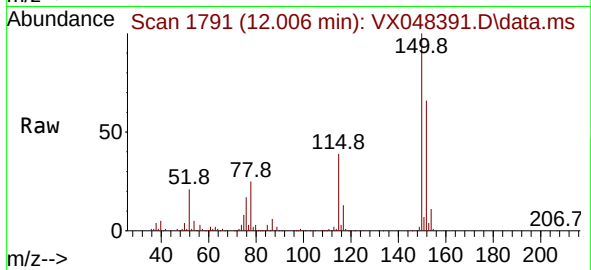
Tgt Ion: 117 Resp: 242052
Ion Ratio Lower Upper
117 100
82 58.6 46.5 69.7
119 32.7 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048391.D
 Acq: 28 Oct 2025 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-4



Tgt Ion:152 Resp: 123830
 Ion Ratio Lower Upper
 152 100
 115 62.4 43.1 129.4
 150 155.8 0.0 353.0

