

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102825\
 Data File : VX048392.D
 Acq On : 28 Oct 2025 12:33
 Operator : JC/MD
 Sample : Q3460-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-5

Quant Time: Oct 29 01:18:19 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)

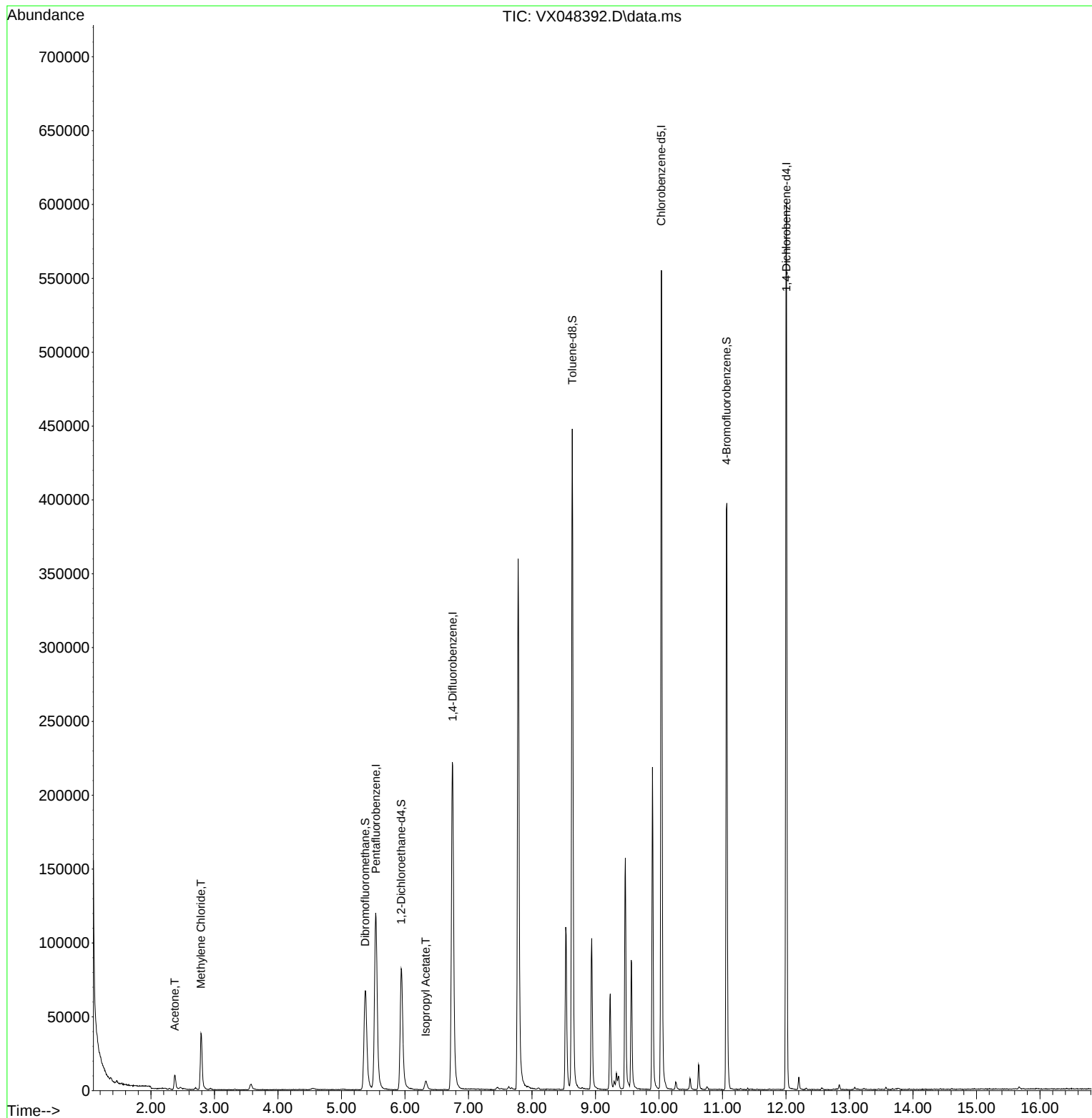
Internal Standards						
1) Pentafluorobenzene	5.544	168	119027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	246697	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	257009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	126783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	92133	55.208	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.420%
35) Dibromofluoromethane	5.373	113	67835	40.278	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	80.560%
50) Toluene-d8	8.635	98	275954	46.746	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.500%
62) 4-Bromofluorobenzene	11.061	95	117214	52.193	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.380%
Target Compounds						
						Qvalue
16) Acetone	2.374	43	13444	23.483	ug/l	95
20) Methylene Chloride	2.788	84	19592	14.045	ug/l	97
43) Isopropyl Acetate	6.324	43	9661	2.964	ug/l	96

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

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.000 min

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MSVOA_X

ClientSampleId :

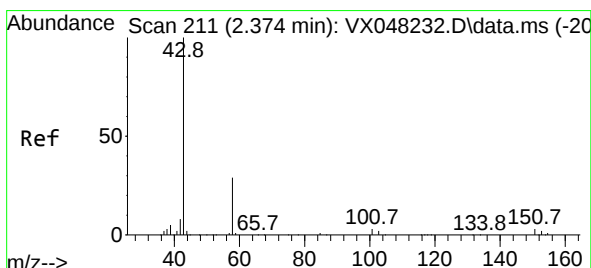
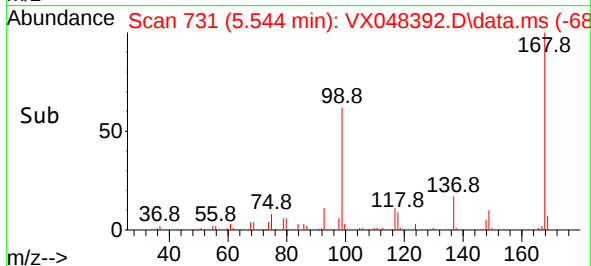
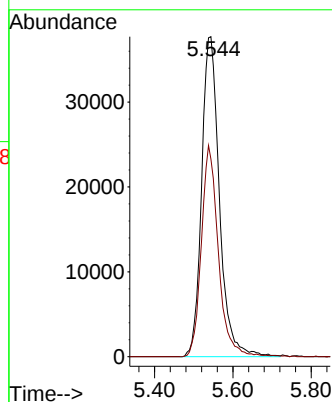
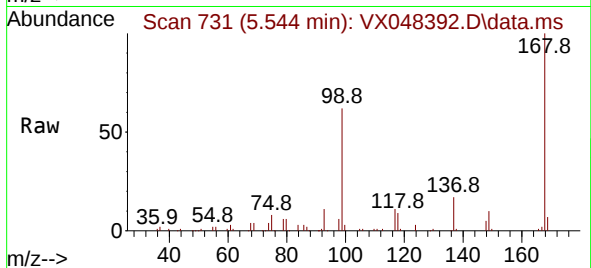
WC-5

Tgt Ion:168 Resp: 119027

Ion Ratio Lower Upper

168 100

99 61.7 46.4 69.6



#16

Acetone

Concen: 23.483 ug/l

RT: 2.374 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX048392.D

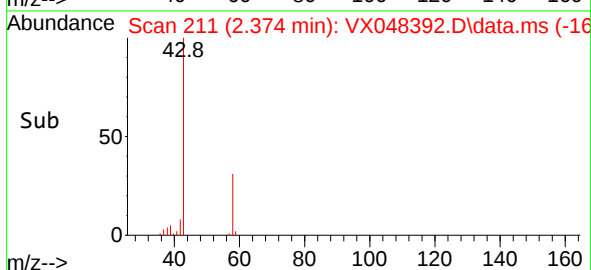
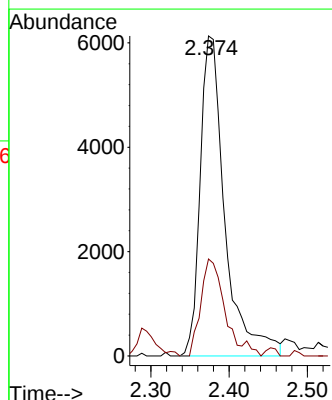
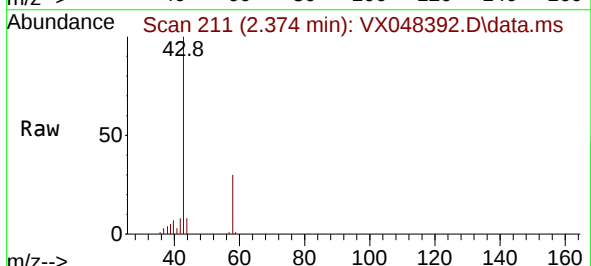
Acq: 28 Oct 2025 12:33

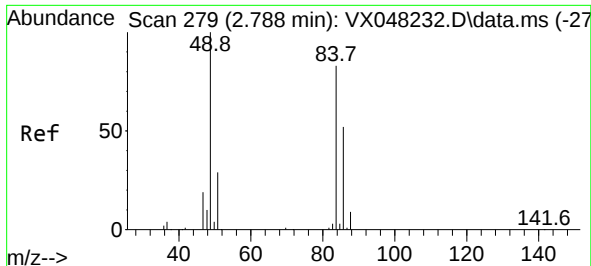
Tgt Ion: 43 Resp: 13444

Ion Ratio Lower Upper

43 100

58 32.2 23.4 35.2

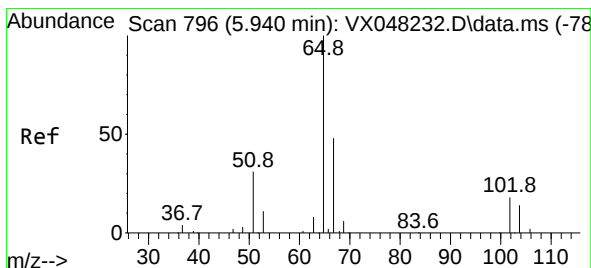
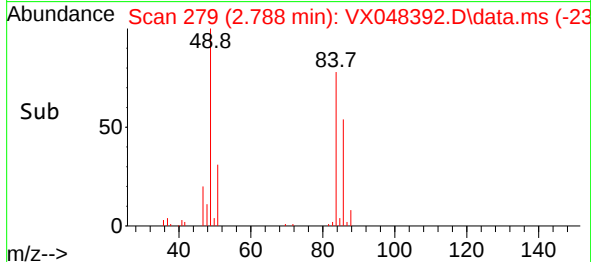
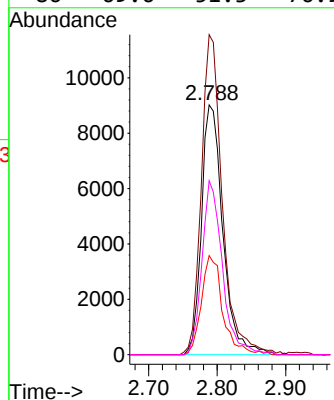
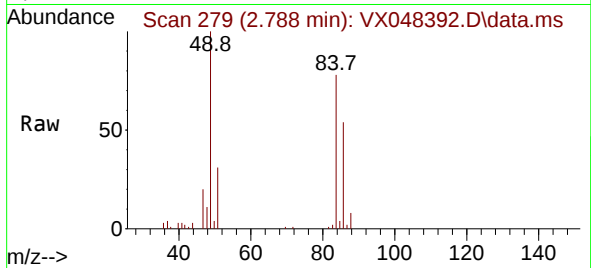




#20
Methylene Chloride
Concen: 14.045 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX048392.D
Acq: 28 Oct 2025 12:33

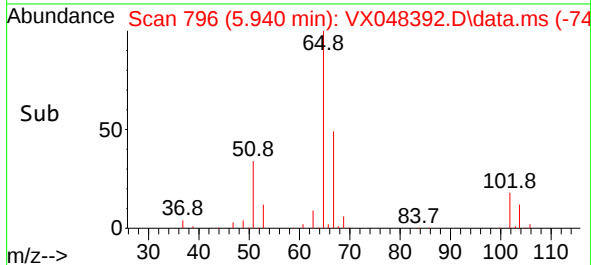
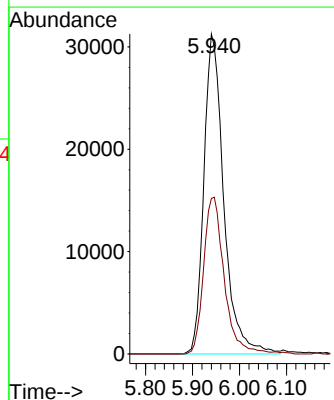
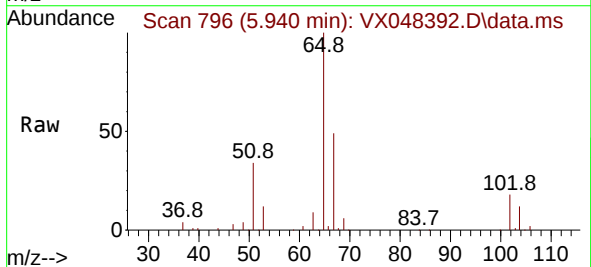
Instrument :
MSVOA_X
ClientSampleId :
WC-5

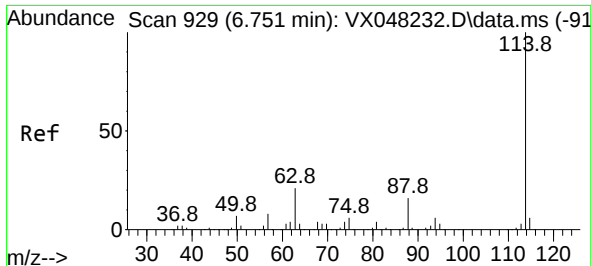
Tgt Ion:	84	Resp:	19592
Ion	Ratio	Lower	Upper
84	100		
49	128.1	104.1	156.1
51	39.6	31.3	46.9
86	69.6	51.3	76.9



#33
1,2-Dichloroethane-d4
Concen: 55.208 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048392.D
Acq: 28 Oct 2025 12:33

Tgt Ion:	65	Resp:	92133
Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	105.0

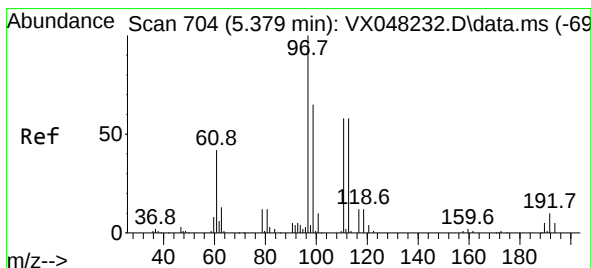
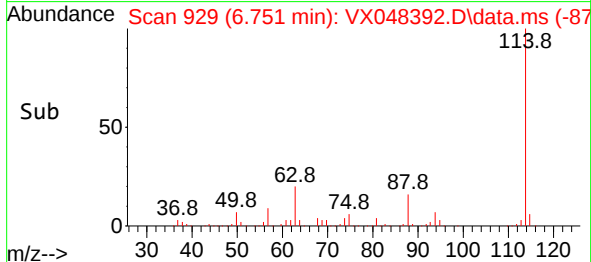
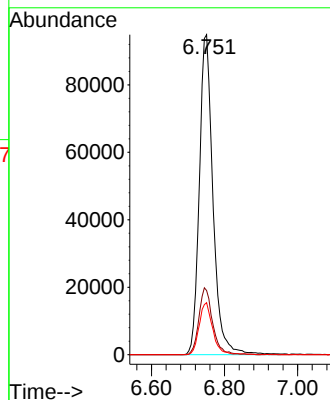
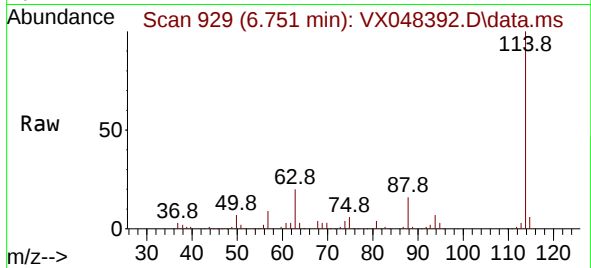




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048392.D
Acq: 28 Oct 2025 12:33

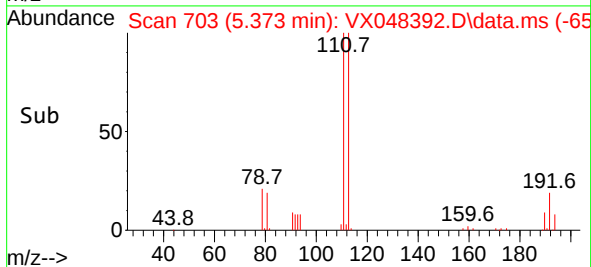
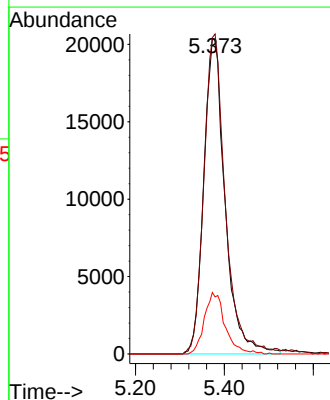
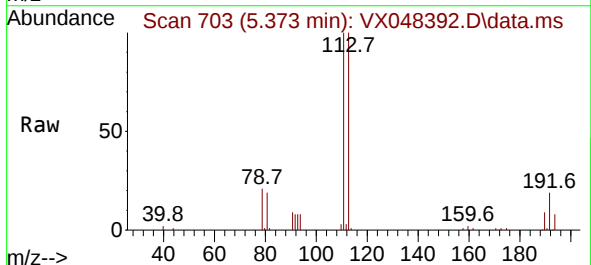
Instrument :
MSVOA_X
ClientSampleId :
WC-5

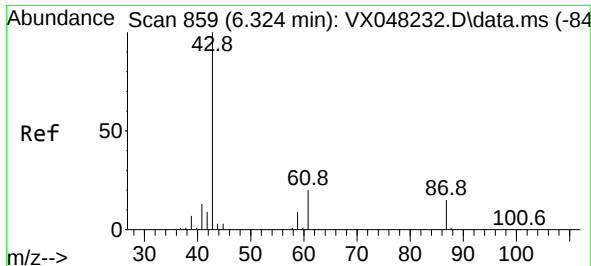
Tgt Ion:114 Resp: 246697
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.2
88 16.2 0.0 33.6



#35
Dibromofluoromethane
Concen: 40.278 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048392.D
Acq: 28 Oct 2025 12:33

Tgt Ion:113 Resp: 67835
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 19.0 15.1 22.7

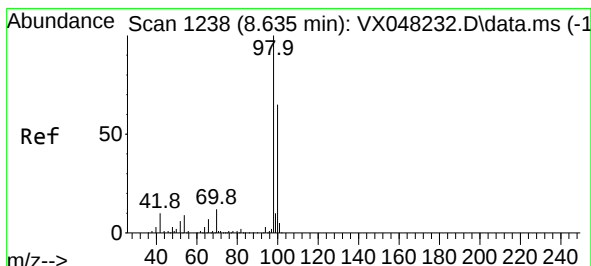
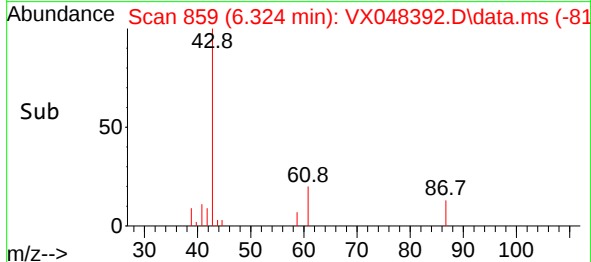
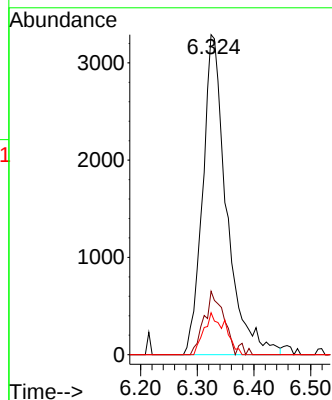
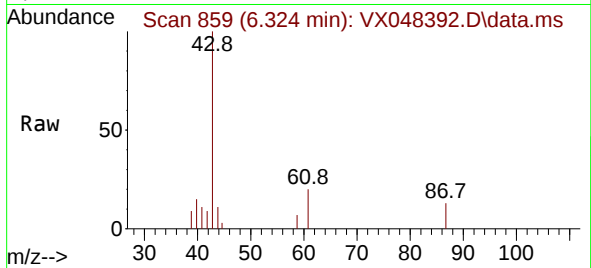




#43
Isopropyl Acetate
Concen: 2.964 ug/l
RT: 6.324 min Scan# 859
Delta R.T. 0.000 min
Lab File: VX048392.D
Acq: 28 Oct 2025 12:33

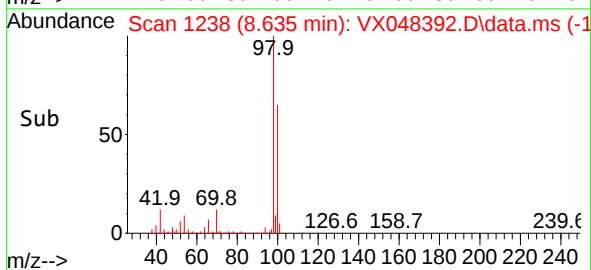
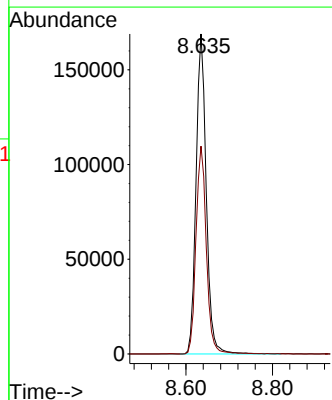
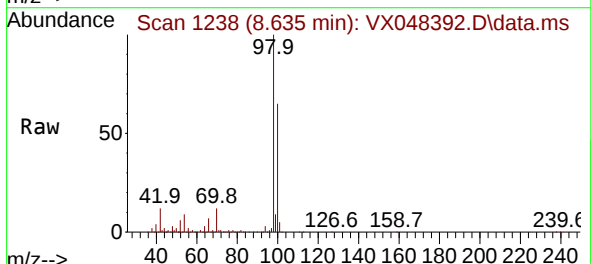
Instrument :
MSVOA_X
ClientSampleId :
WC-5

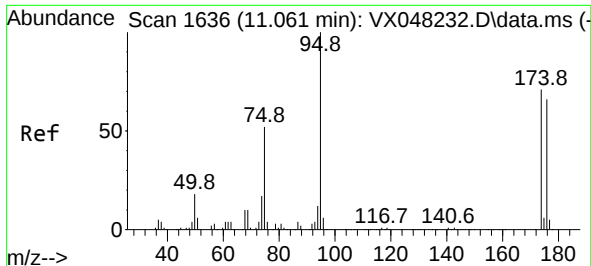
Tgt Ion: 43 Resp: 9661
Ion Ratio Lower Upper
43 100
61 16.0 14.9 22.3
87 11.5 9.4 14.2



#50
Toluene-d8
Concen: 46.746 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048392.D
Acq: 28 Oct 2025 12:33

Tgt Ion: 98 Resp: 275954
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 52.193 ug/l

RT: 11.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048392.D

Acq: 28 Oct 2025 12:33

Instrument :

MSVOA_X

ClientSampleId :

WC-5

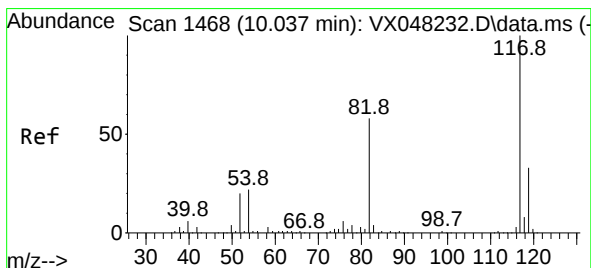
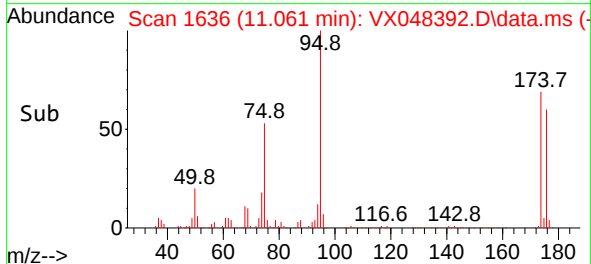
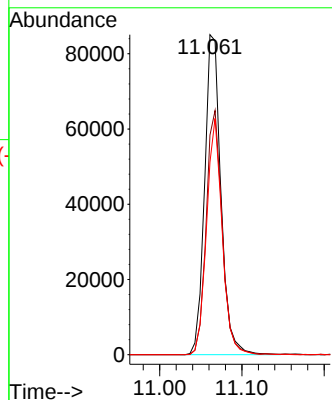
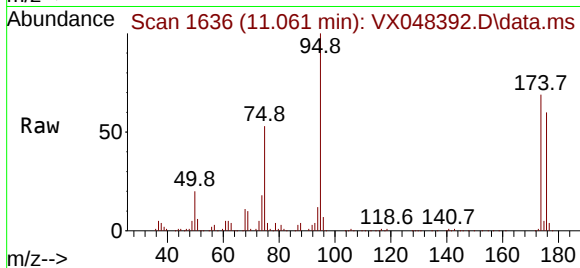
Tgt Ion: 95 Resp: 117214

Ion Ratio Lower Upper

95 100

174 75.0 0.0 147.8

176 70.6 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: VX048392.D

Acq: 28 Oct 2025 12:33

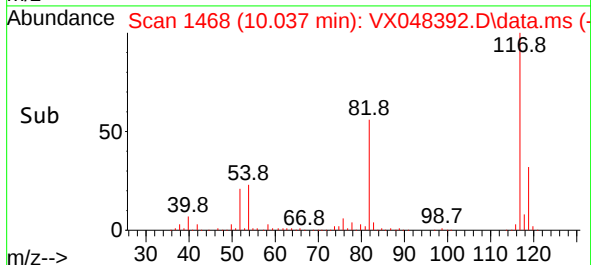
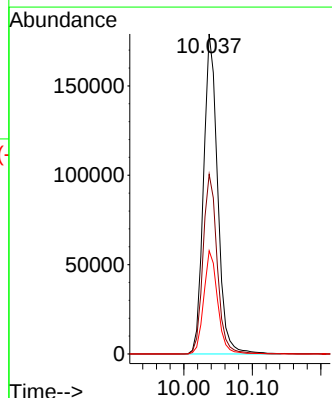
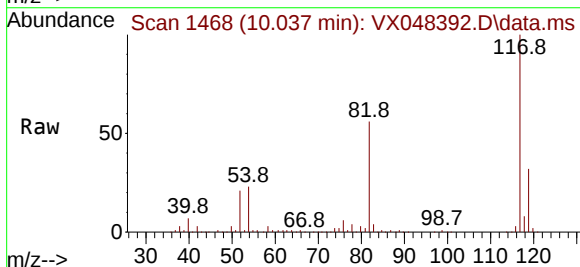
Tgt Ion: 117 Resp: 257009

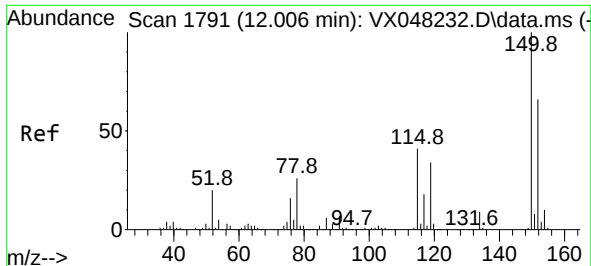
Ion Ratio Lower Upper

117 100

82 56.1 46.5 69.7

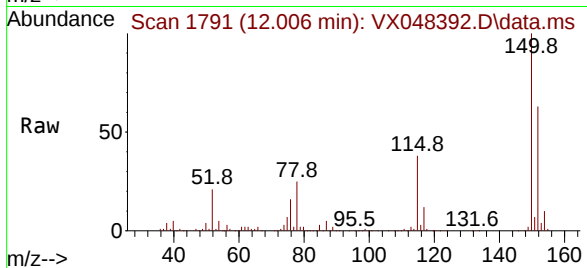
119 32.3 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048392.D
 Acq: 28 Oct 2025 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-5



Tgt Ion:152 Resp: 126783
 Ion Ratio Lower Upper
 152 100
 115 62.9 43.1 129.4
 150 158.6 0.0 353.0

