

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102825\
 Data File : VX048393.D
 Acq On : 28 Oct 2025 12:54
 Operator : JC/MD
 Sample : Q3469-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-13

Quant Time: Oct 29 01:18:40 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)

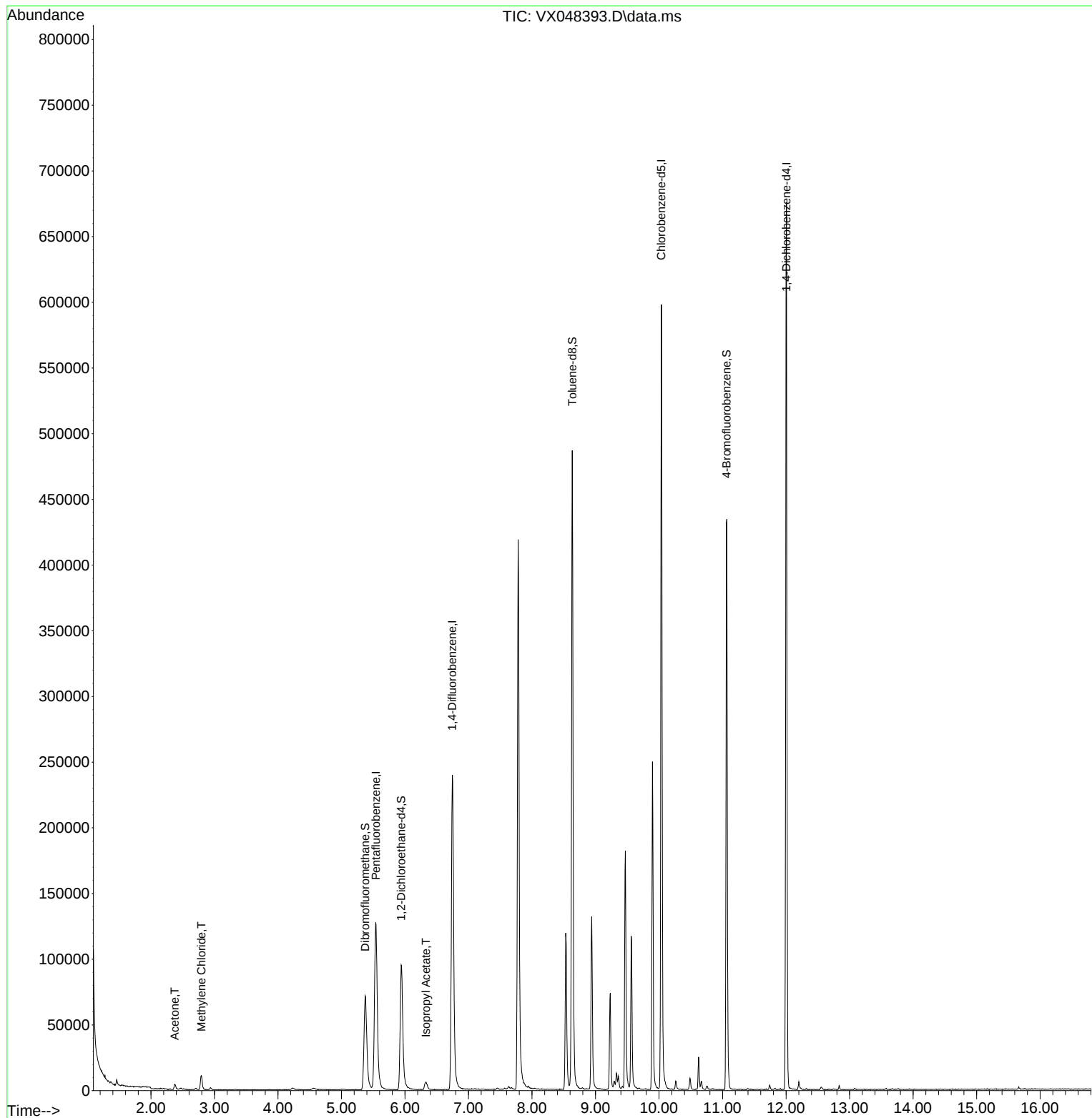
Internal Standards						
1) Pentafluorobenzene	5.544	168	130701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	265372	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	279230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	141501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	105556	57.602	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 115.200%	
35) Dibromofluoromethane	5.373	113	70532	38.932	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 77.860%	
50) Toluene-d8	8.635	98	300185	47.272	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.540%	
62) 4-Bromofluorobenzene	11.061	95	129365	53.550	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.100%	
Target Compounds						Qvalue
16) Acetone	2.374	43	5642	8.975	ug/l	99
20) Methylene Chloride	2.794	84	5600	3.656	ug/l	90
43) Isopropyl Acetate	6.330	43	9175	2.617	ug/l	98

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

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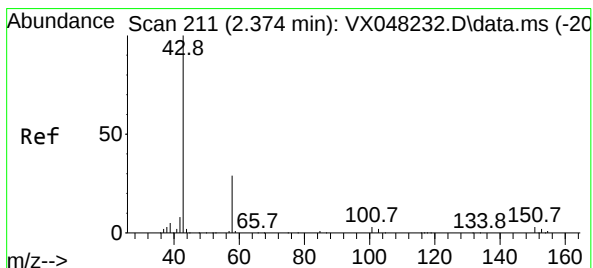
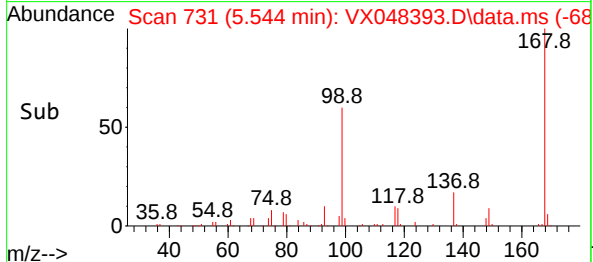
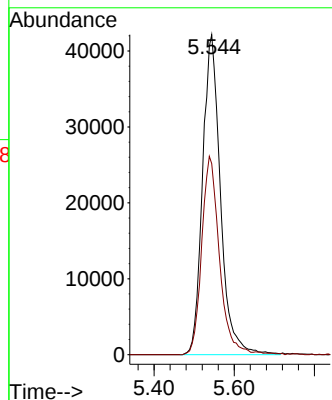
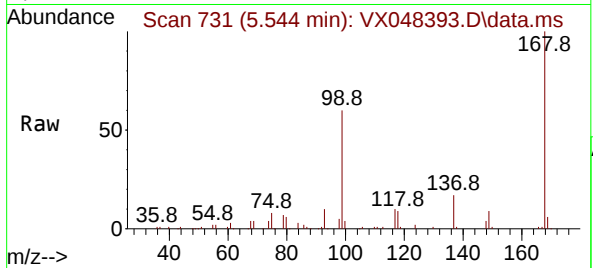




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX048393.D
Acq: 28 Oct 2025 12:54

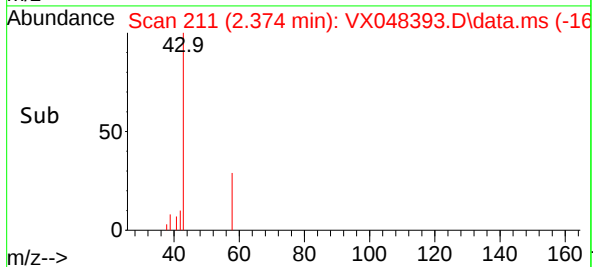
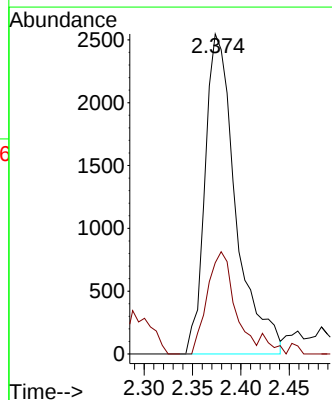
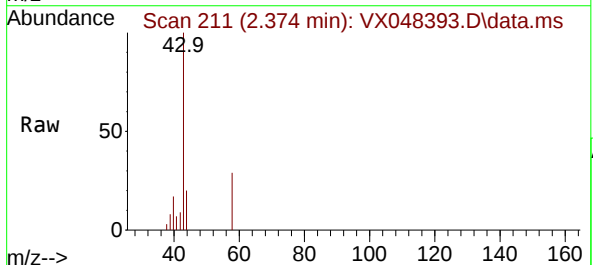
Instrument :
MSVOA_X
ClientSampleId :
TP-13

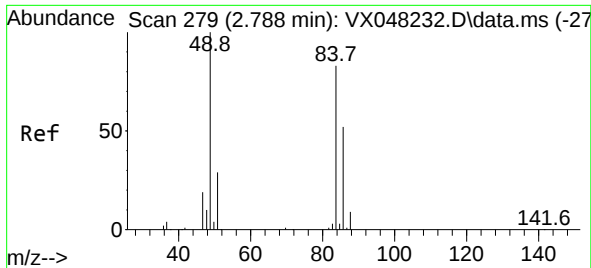
Tgt Ion:168 Resp: 130701
Ion Ratio Lower Upper
168 100
99 59.7 46.4 69.6



#16
Acetone
Concen: 8.975 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048393.D
Acq: 28 Oct 2025 12:54

Tgt Ion: 43 Resp: 5642
Ion Ratio Lower Upper
43 100
58 28.5 23.4 35.2



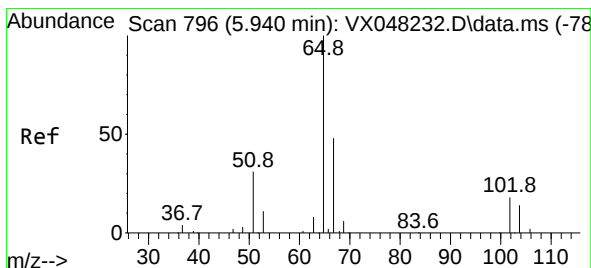
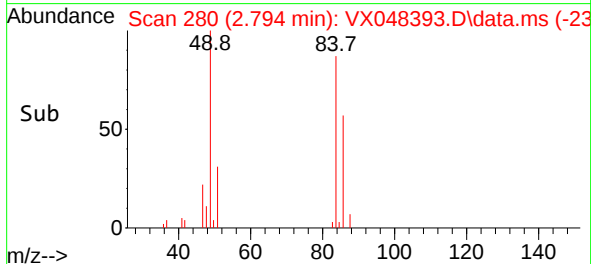
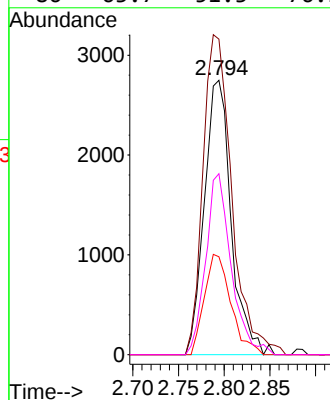
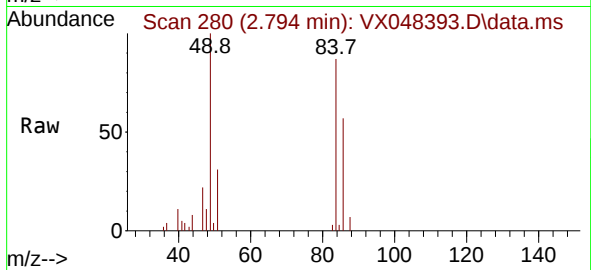


#20
Methylene Chloride
Concen: 3.656 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048393.D
Acq: 28 Oct 2025 12:54

Instrument :
MSVOA_X
ClientSampleId :
TP-13

Tgt Ion: 84 Resp: 5600

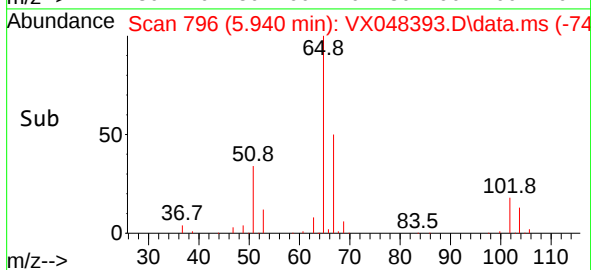
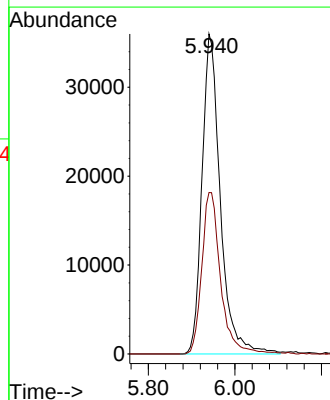
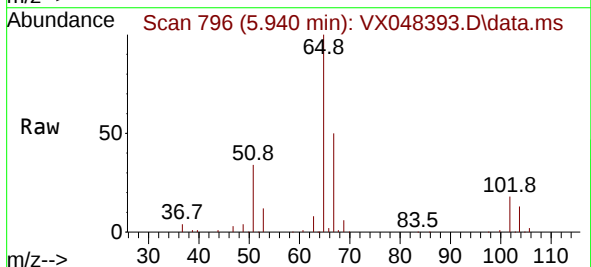
Ion	Ratio	Lower	Upper
84	100		
49	111.1	104.1	156.1
51	34.5	31.3	46.9
86	63.7	51.3	76.9

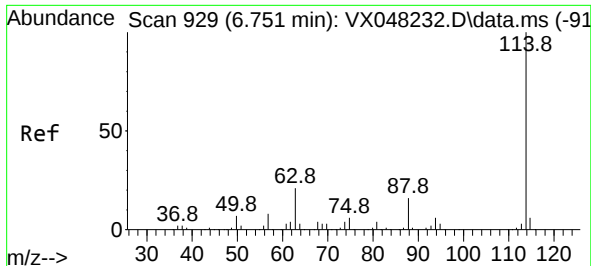


#33
1,2-Dichloroethane-d4
Concen: 57.602 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048393.D
Acq: 28 Oct 2025 12:54

Tgt Ion: 65 Resp: 105556

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	105.0

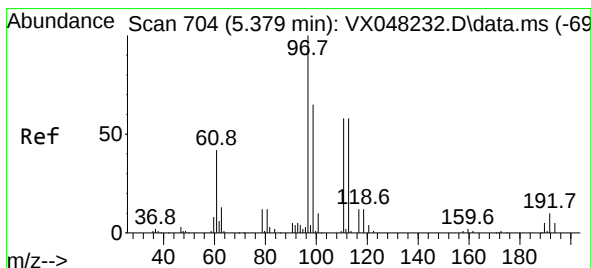
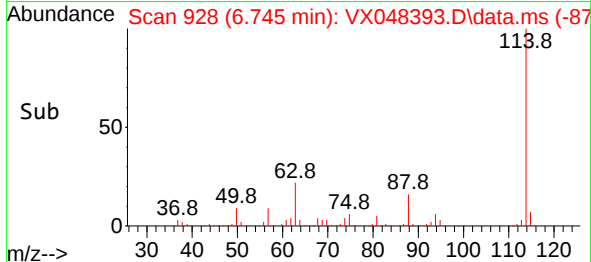
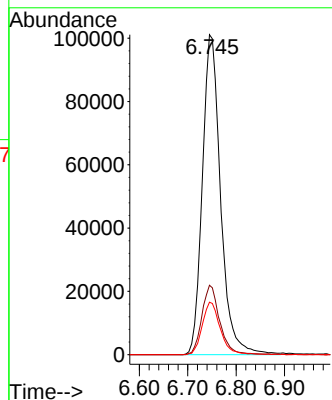
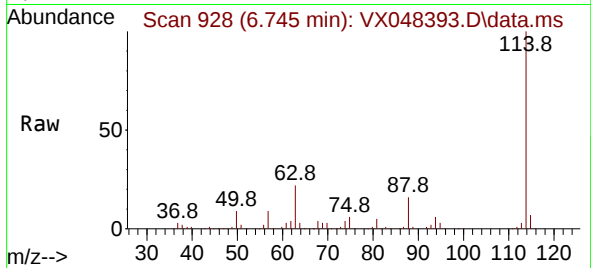




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048393.D
Acq: 28 Oct 2025 12:54

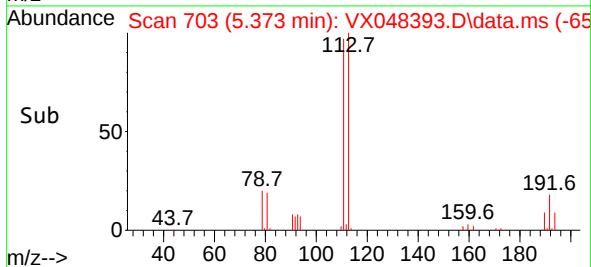
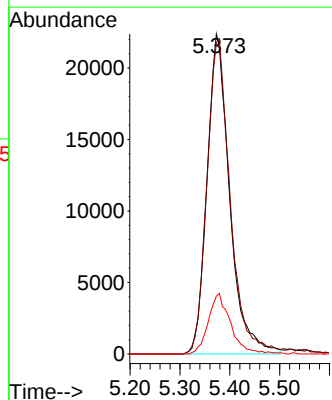
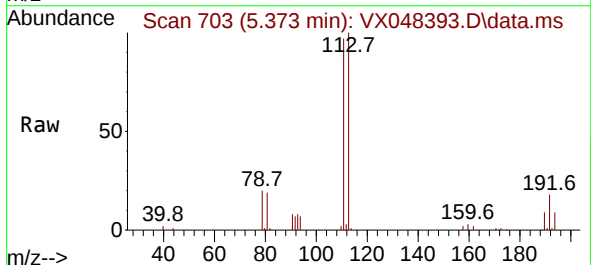
Instrument :
MSVOA_X
ClientSampleId :
TP-13

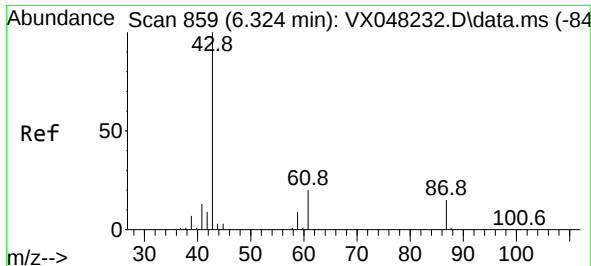
Tgt Ion:114 Resp: 265372
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.2
88 16.4 0.0 33.6



#35
Dibromofluoromethane
Concen: 38.932 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048393.D
Acq: 28 Oct 2025 12:54

Tgt Ion:113 Resp: 70532
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.4
192 18.7 15.1 22.7

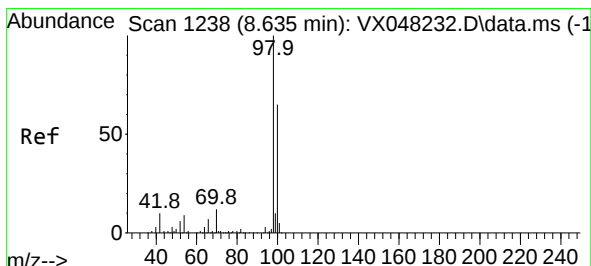
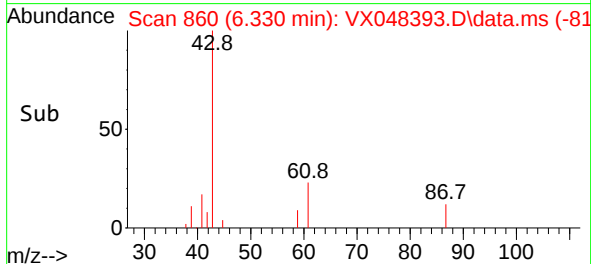
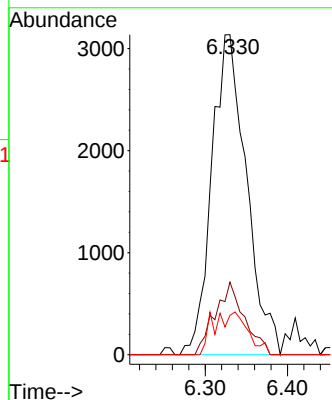
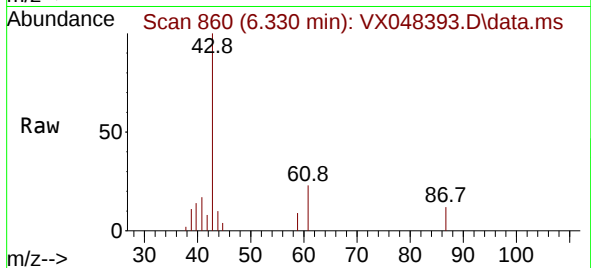




#43
Isopropyl Acetate
Concen: 2.617 ug/l
RT: 6.330 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX048393.D
Acq: 28 Oct 2025 12:54

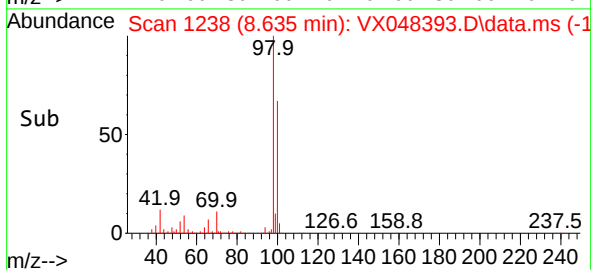
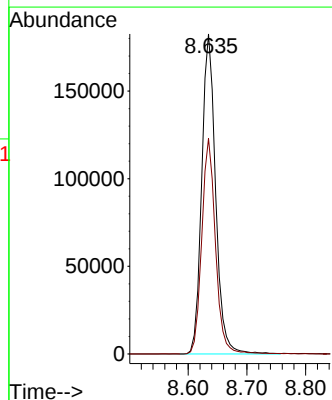
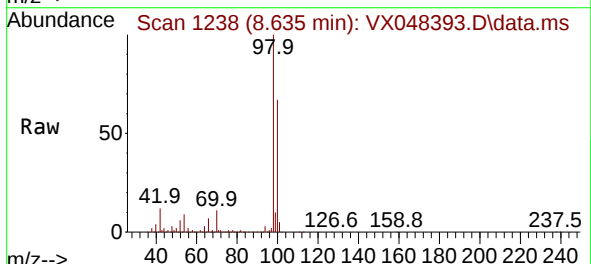
Instrument :
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ClientSampleId :
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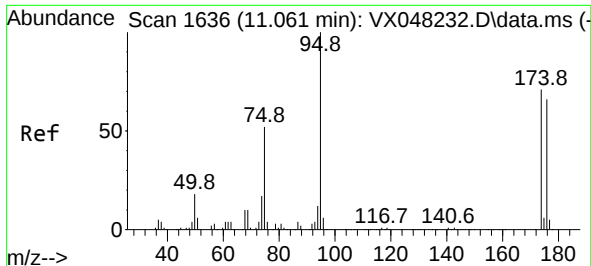
Tgt Ion: 43 Resp: 9175
Ion Ratio Lower Upper
43 100
61 19.2 14.9 22.3
87 13.3 9.4 14.2



#50
Toluene-d8
Concen: 47.272 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048393.D
Acq: 28 Oct 2025 12:54

Tgt Ion: 98 Resp: 300185
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 53.550 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048393.D

Acq: 28 Oct 2025 12:54

Instrument :

MSVOA_X

ClientSampleId :

TP-13

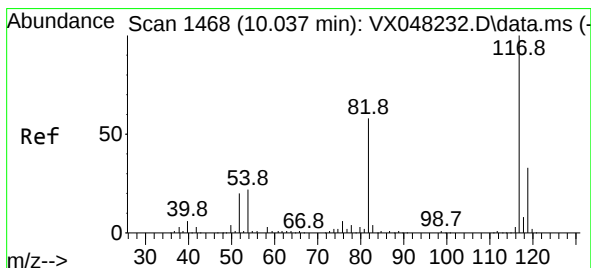
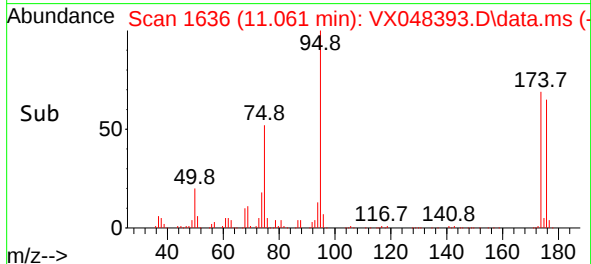
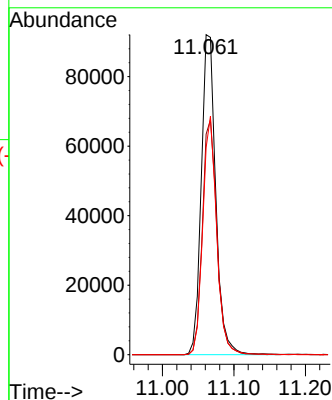
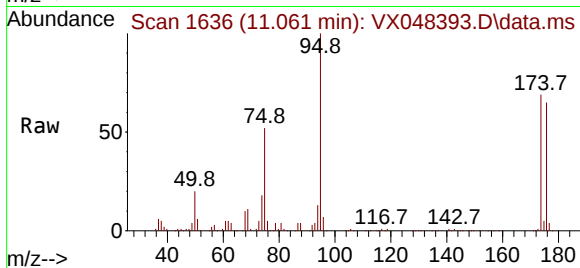
Tgt Ion: 95 Resp: 129365

Ion Ratio Lower Upper

95 100

174 73.2 0.0 147.8

176 71.6 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: VX048393.D

Acq: 28 Oct 2025 12:54

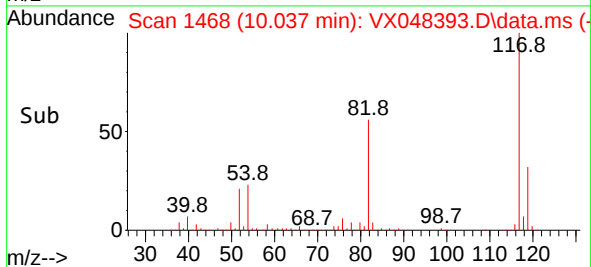
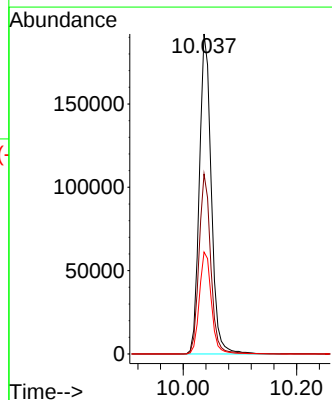
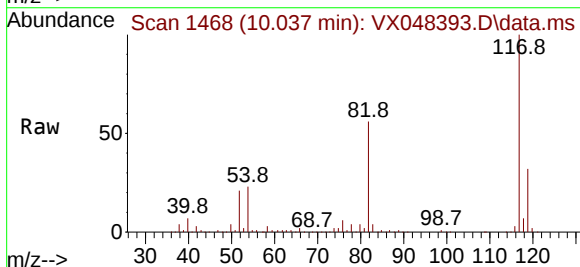
Tgt Ion: 117 Resp: 279230

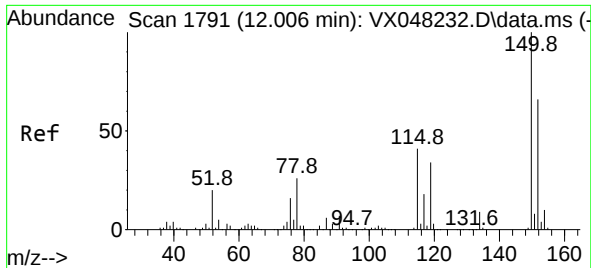
Ion Ratio Lower Upper

117 100

82 56.3 46.5 69.7

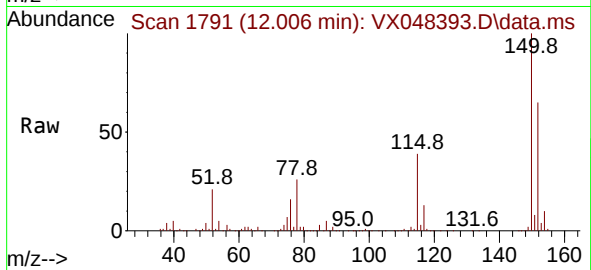
119 31.9 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048393.D
 Acq: 28 Oct 2025 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-13



Tgt Ion:152 Resp: 141501
 Ion Ratio Lower Upper
 152 100
 115 61.8 43.1 129.4
 150 156.4 0.0 353.0

