

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
 Data File : VX048218.D
 Acq On : 17 Oct 2025 17:15
 Operator : JC/MD
 Sample : Q3357-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-2

Quant Time: Oct 18 00:21:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 18 00:06:31 2025
 Response via : Initial Calibration

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

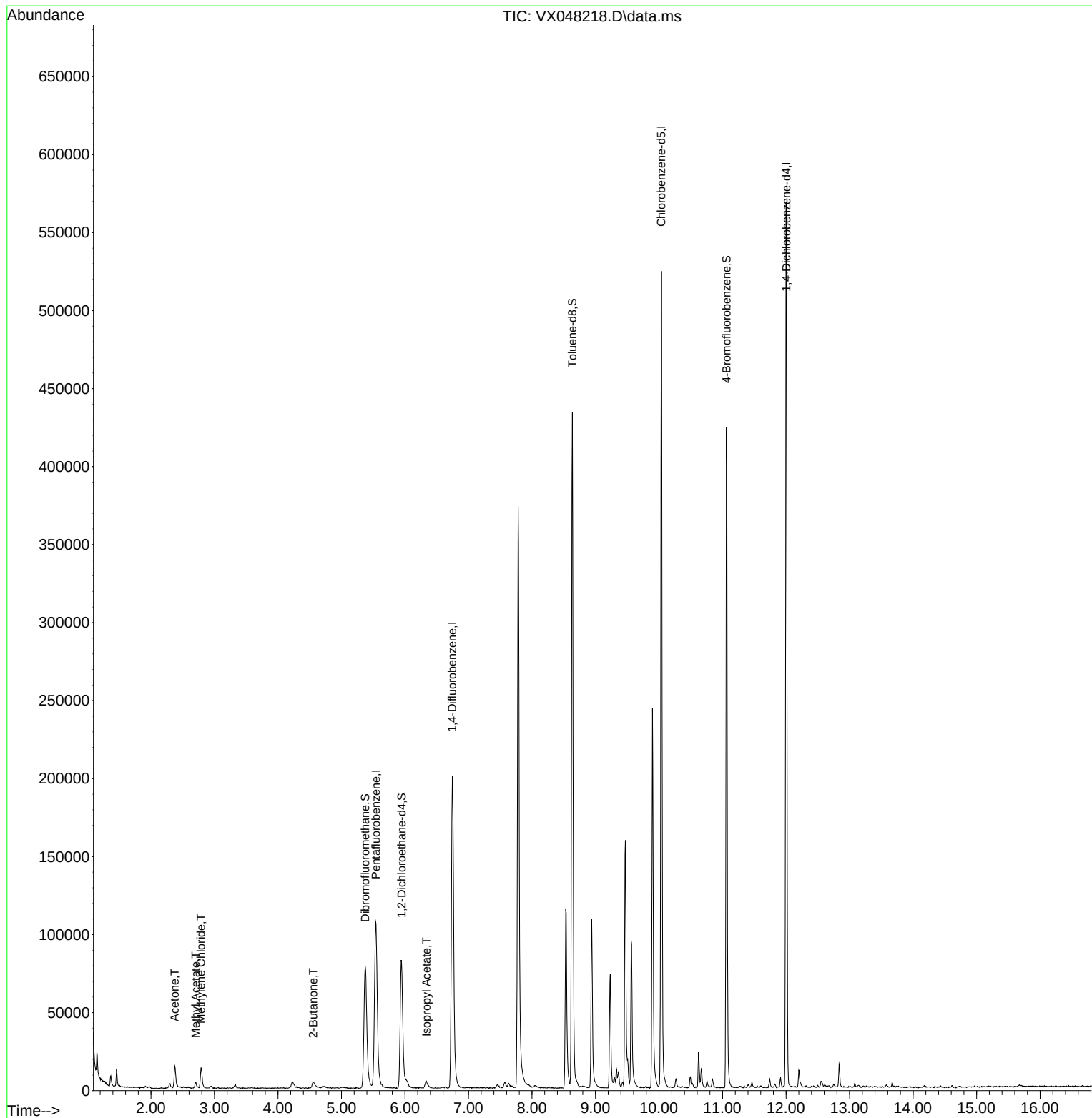
Internal Standards						
1) Pentafluorobenzene	5.544	168	110735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	223135	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	244815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	128439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	89844	52.372	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.740%	
35) Dibromofluoromethane	5.373	113	78199	50.496	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.000%	
50) Toluene-d8	8.635	98	270471	48.480	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.960%	
62) 4-Bromofluorobenzene	11.061	95	122577	60.323	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 120.640%	
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	18281	31.238	ug/l	100
18) Methyl Acetate	2.703	43	5107	4.285	ug/l	100
20) Methylene Chloride	2.788	84	6824	4.787	ug/l	94
25) 2-Butanone	4.556	43	8687	12.741	ug/l #	89
43) Isopropyl Acetate	6.336	43	6875	2.349	ug/l	97

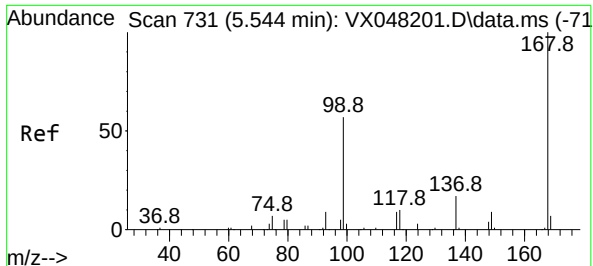
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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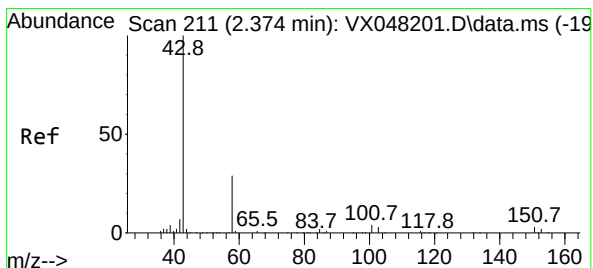
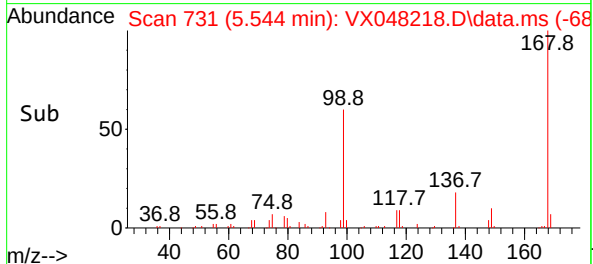
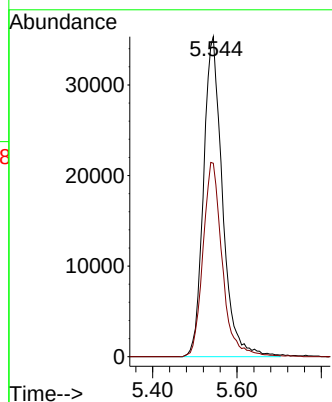
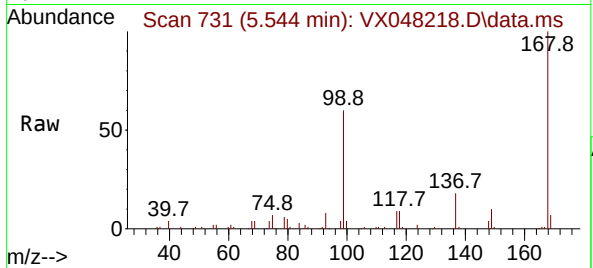




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048218.D
Acq: 17 Oct 2025 17:15

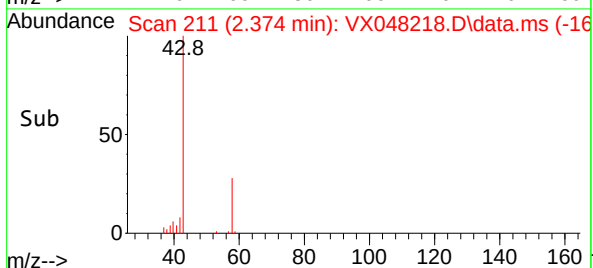
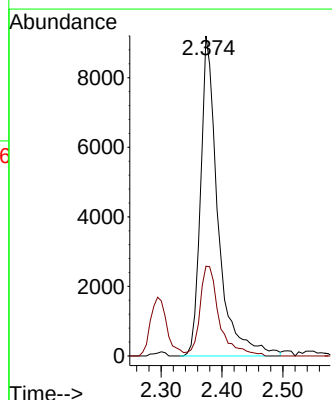
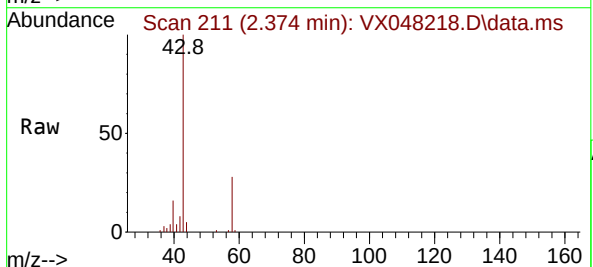
Instrument :
MSVOA_X
ClientSampleId :
DRUM-2

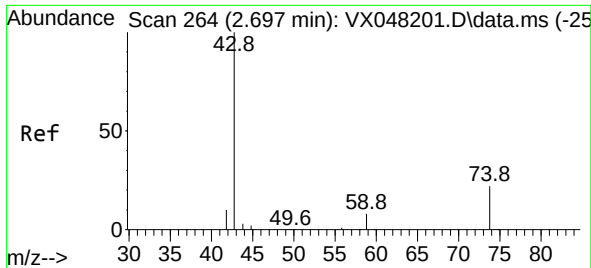
Tgt Ion:168 Resp: 110735
Ion Ratio Lower Upper
168 100
99 60.5 46.4 69.6



#16
Acetone
Concen: 31.238 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048218.D
Acq: 17 Oct 2025 17:15

Tgt Ion: 43 Resp: 18281
Ion Ratio Lower Upper
43 100
58 29.4 23.4 35.2

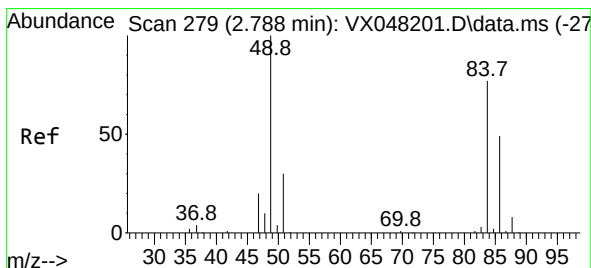
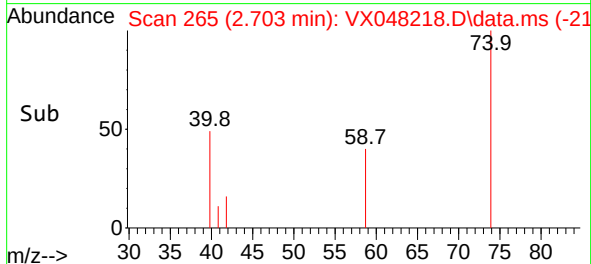
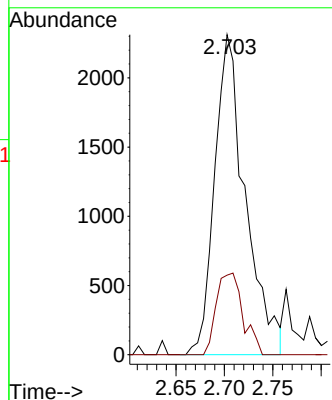
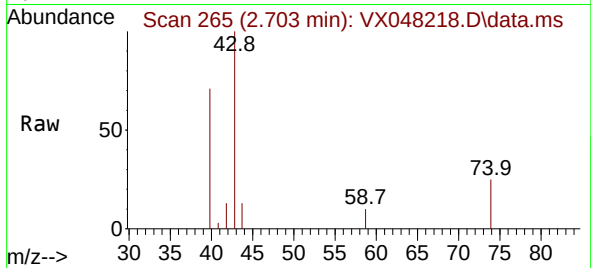




#18
Methyl Acetate
Concen: 4.285 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048218.D
Acq: 17 Oct 2025 17:15

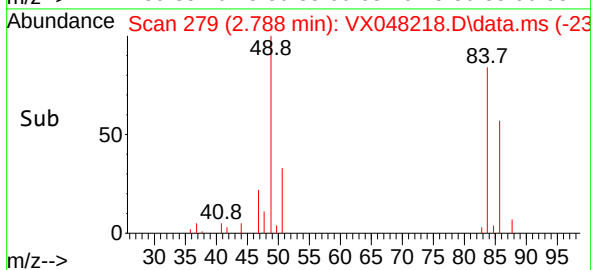
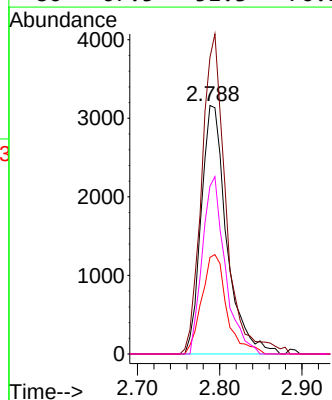
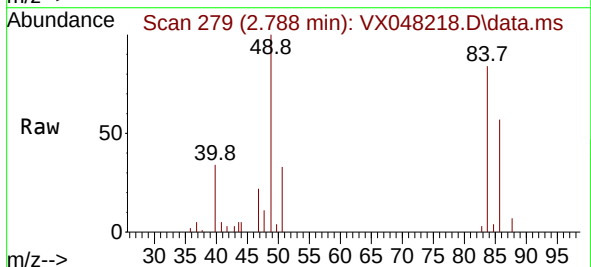
Instrument :
MSVOA_X
ClientSampleId :
DRUM-2

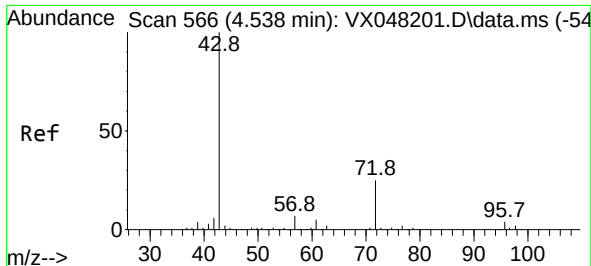
Tgt Ion: 43 Resp: 5107
Ion Ratio Lower Upper
43 100
74 22.1 17.5 26.3



#20
Methylene Chloride
Concen: 4.787 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048218.D
Acq: 17 Oct 2025 17:15

Tgt Ion: 84 Resp: 6824
Ion Ratio Lower Upper
84 100
49 119.3 104.1 156.1
51 38.9 31.3 46.9
86 67.5 51.3 76.9





#25

2-Butanone

Concen: 12.741 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.018 min

Lab File: VX048218.D

Acq: 17 Oct 2025 17:15

Instrument :

MSVOA_X

ClientSampleId :

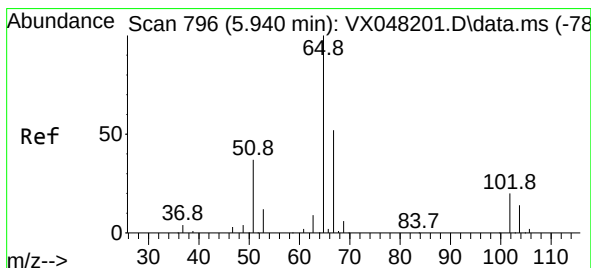
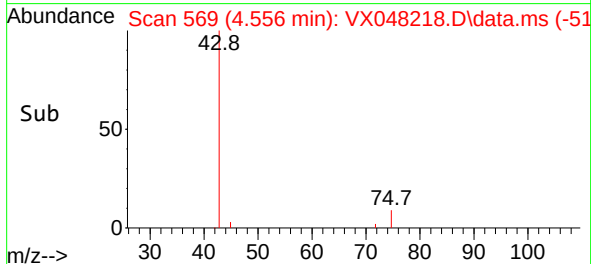
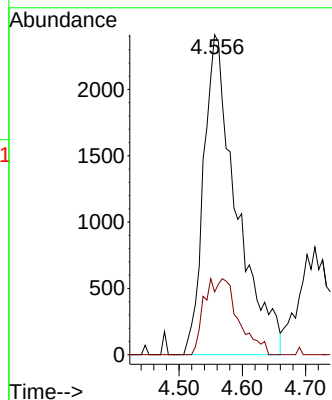
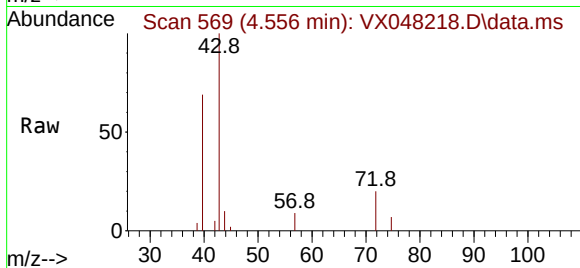
DRUM-2

Tgt Ion: 43 Resp: 8687

Ion Ratio Lower Upper

43 100

72 19.6 19.9 29.9#



#33

1,2-Dichloroethane-d4

Concen: 52.372 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX048218.D

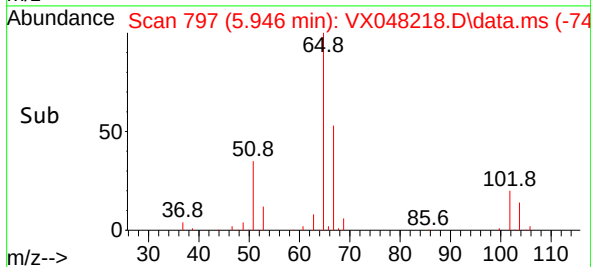
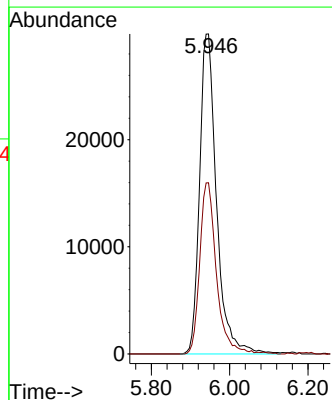
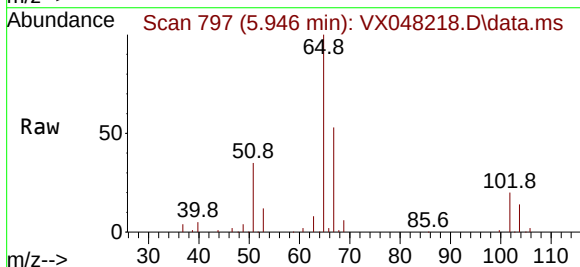
Acq: 17 Oct 2025 17:15

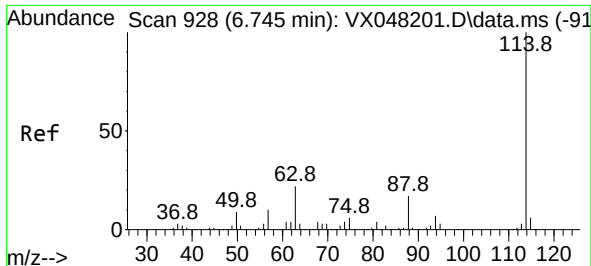
Tgt Ion: 65 Resp: 89844

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.0

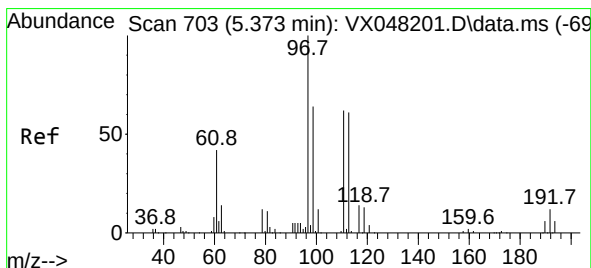
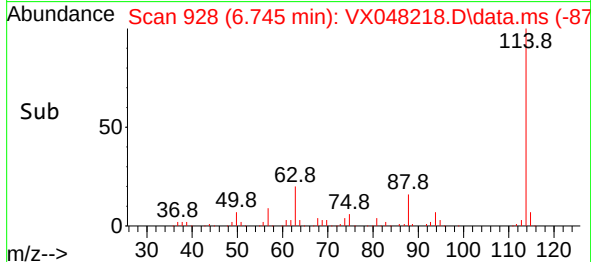
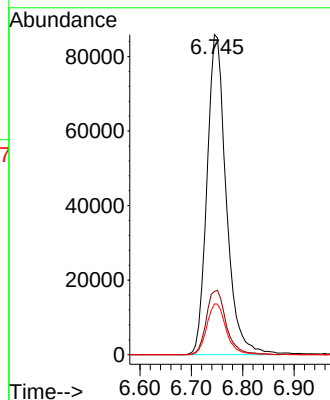
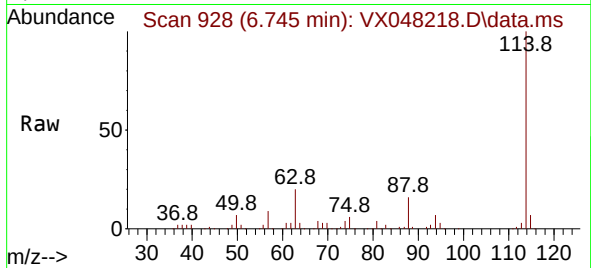




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048218.D
Acq: 17 Oct 2025 17:15

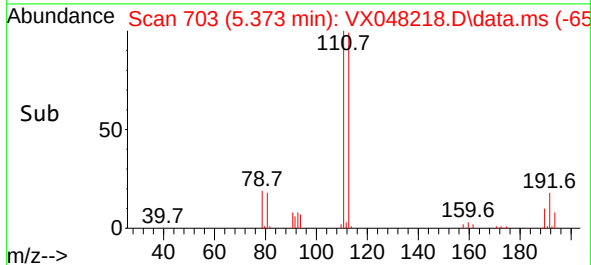
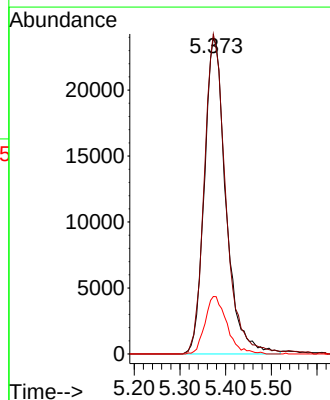
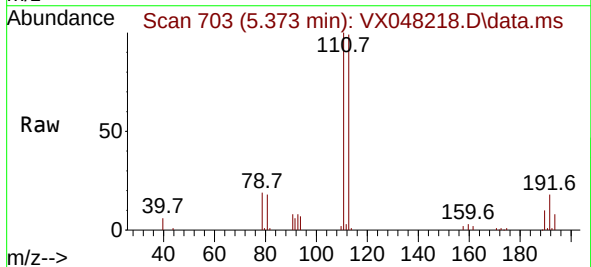
Instrument :
MSVOA_X
ClientSampleId :
DRUM-2

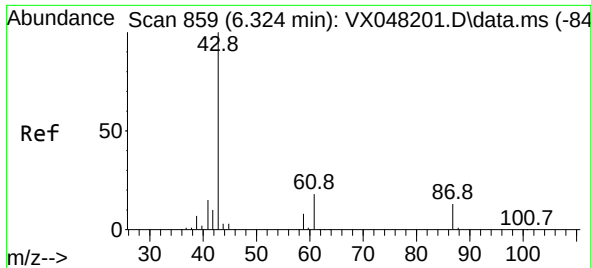
Tgt Ion:114 Resp: 223135
Ion Ratio Lower Upper
114 100
63 19.8 0.0 43.2
88 15.9 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.496 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048218.D
Acq: 17 Oct 2025 17:15

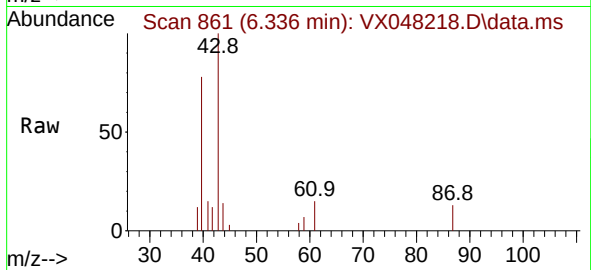
Tgt Ion:113 Resp: 78199
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 18.5 15.1 22.7



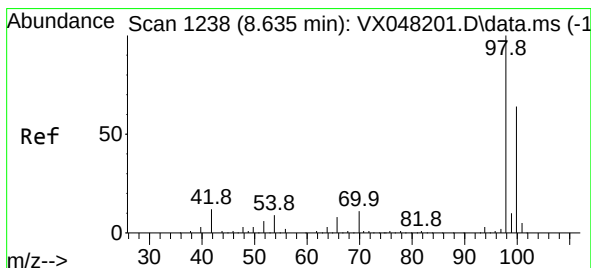
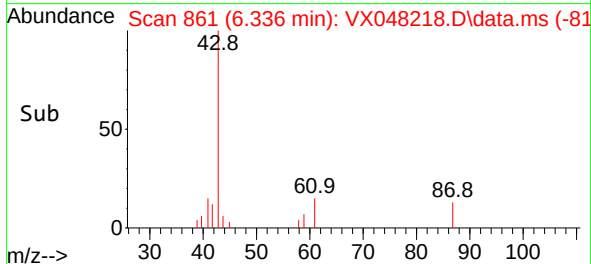
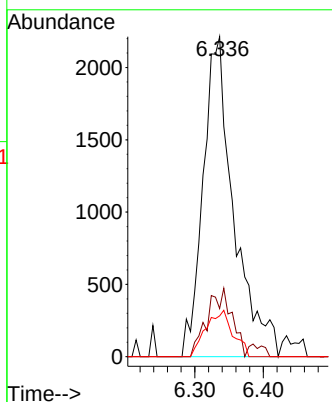


#43
Isopropyl Acetate
Concen: 2.349 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.012 min
Lab File: VX048218.D
Acq: 17 Oct 2025 17:15

Instrument :
MSVOA_X
ClientSampleId :
DRUM-2

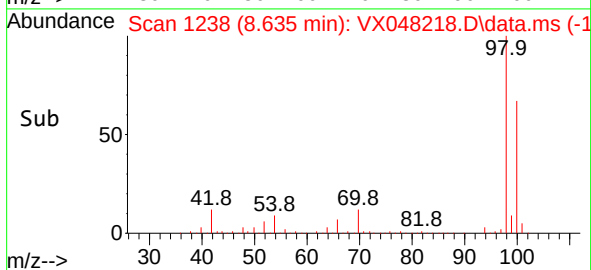
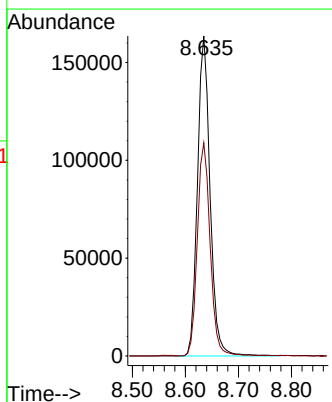
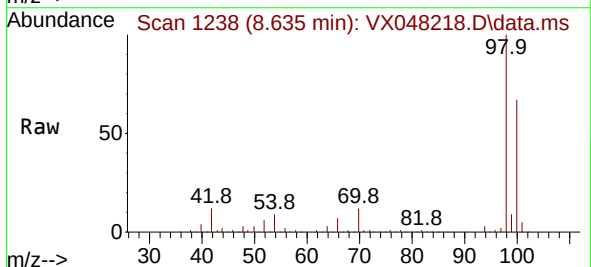


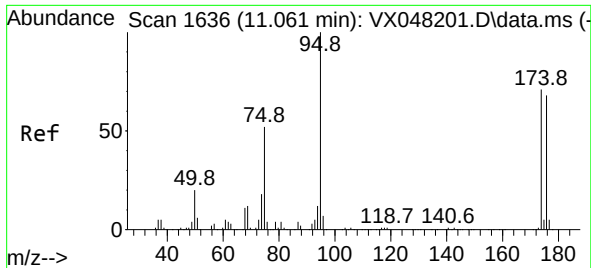
Tgt Ion: 43 Resp: 6875
Ion Ratio Lower Upper
43 100
61 17.2 14.9 22.3
87 12.8 9.4 14.2



#50
Toluene-d8
Concen: 48.480 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048218.D
Acq: 17 Oct 2025 17:15

Tgt Ion: 98 Resp: 270471
Ion Ratio Lower Upper
98 100
100 67.6 53.0 79.4

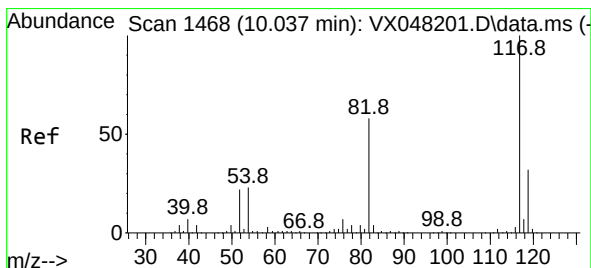
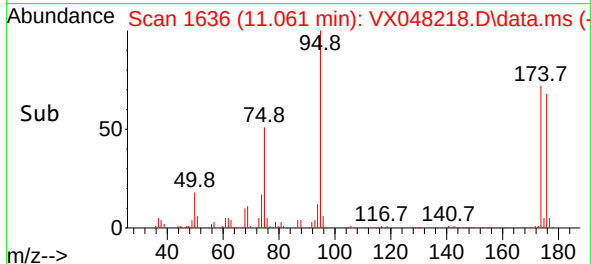
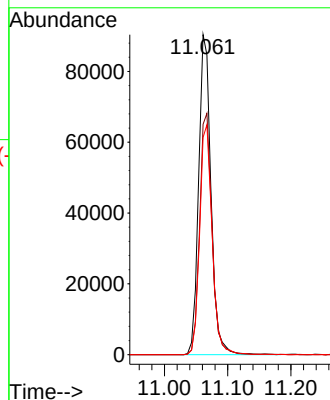
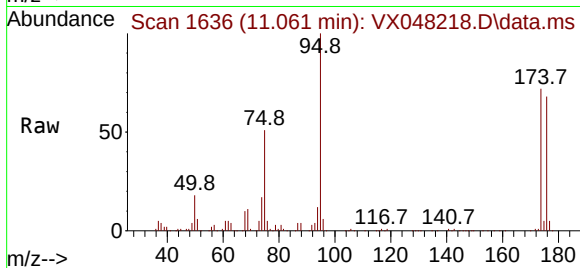




#62
4-Bromofluorobenzene
Concen: 60.323 ug/l
RT: 11.061 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048218.D
Acq: 17 Oct 2025 17:15

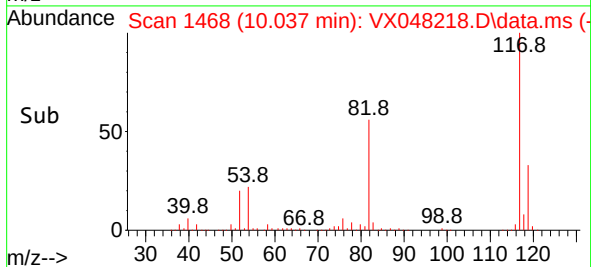
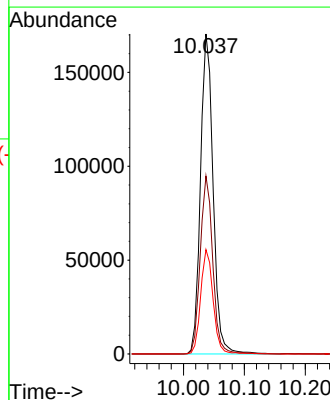
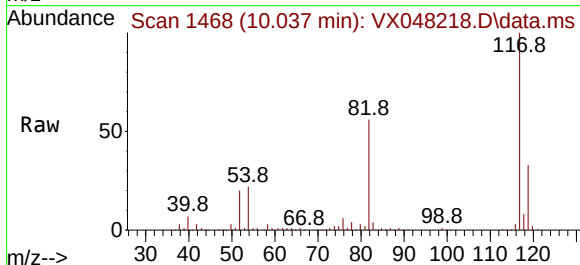
Instrument :
MSVOA_X
ClientSampleId :
DRUM-2

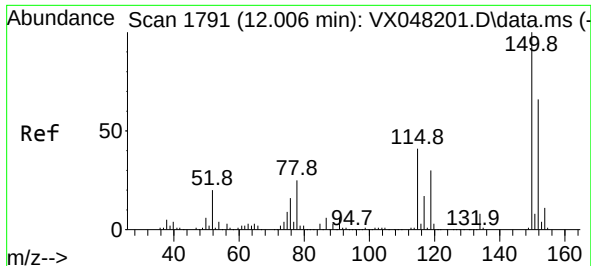
Tgt Ion: 95 Resp: 122577
Ion Ratio Lower Upper
95 100
174 75.9 0.0 147.8
176 72.9 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048218.D
Acq: 17 Oct 2025 17:15

Tgt Ion: 117 Resp: 244815
Ion Ratio Lower Upper
117 100
82 55.6 46.5 69.7
119 32.6 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: VX048218.D

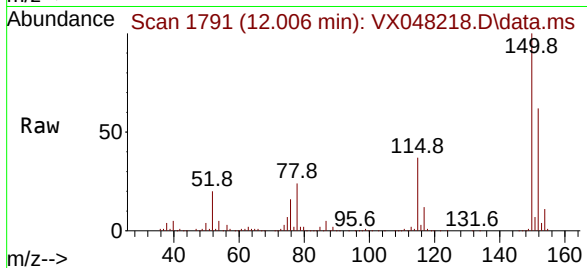
Acq: 17 Oct 2025 17:15

Instrument :

MSVOA_X

ClientSampleId :

DRUM-2



Tgt Ion:152 Resp: 128439

Ion Ratio Lower Upper

152 100

115 62.1 43.1 129.4

150 161.2 0.0 353.0

