

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
 Data File : VX048220.D
 Acq On : 17 Oct 2025 17:56
 Operator : JC/MD
 Sample : Q3357-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-4

Quant Time: Oct 18 00:22:44 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)

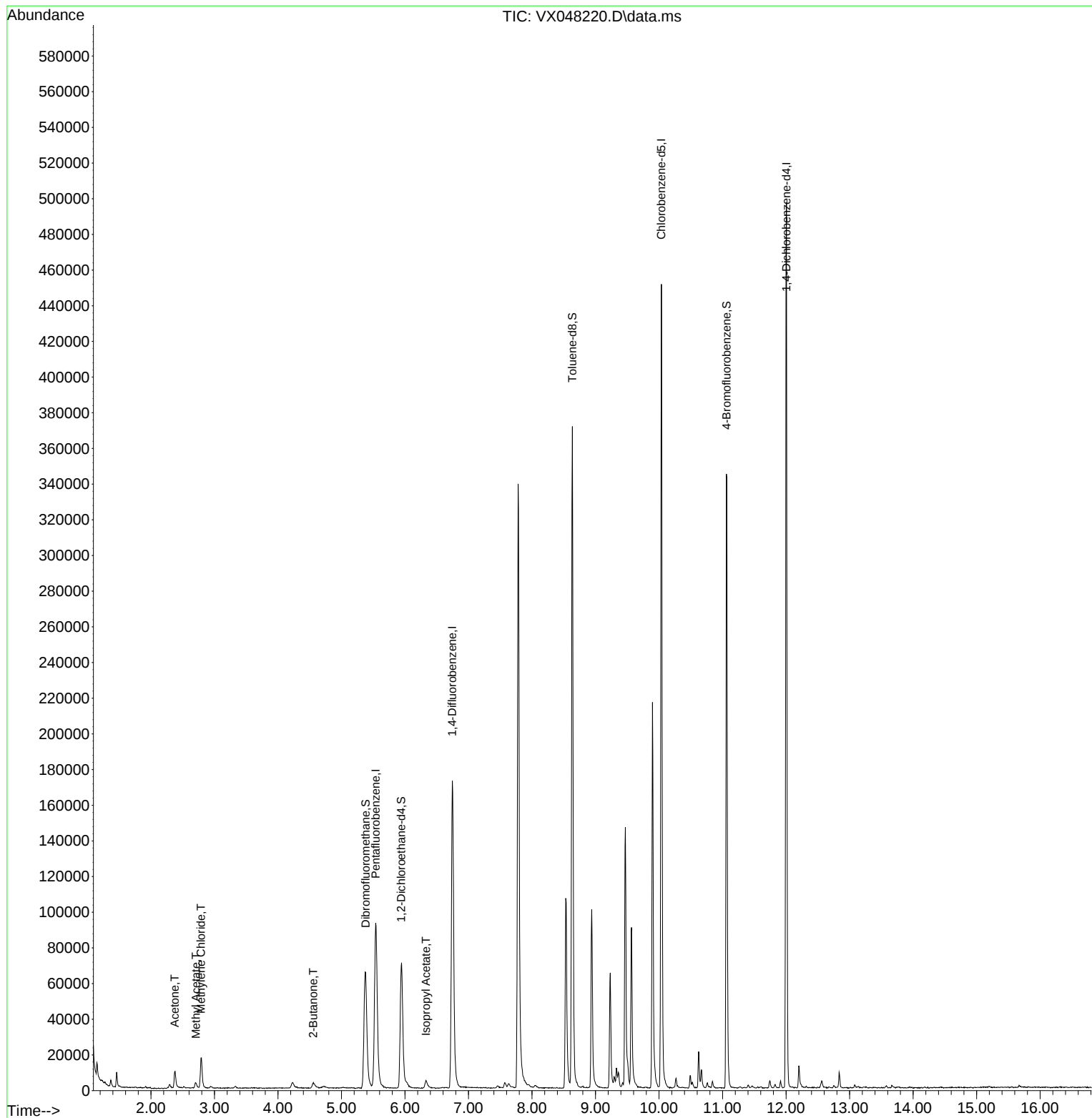
Internal Standards						
1) Pentafluorobenzene	5.538	168	95945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	190078	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	207785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	107748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	79374	53.401	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.800%
35) Dibromofluoromethane	5.379	113	65435	49.602	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.200%
50) Toluene-d8	8.635	98	228173	48.011	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.020%
62) 4-Bromofluorobenzene	11.061	95	100967	58.330	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.660%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	12355	24.366	ug/l	95
18) Methyl Acetate	2.709	43	4726	4.576	ug/l	98
20) Methylene Chloride	2.788	84	8754	7.087	ug/l	95
25) 2-Butanone	4.556	43	5643	9.553	ug/l #	76
43) Isopropyl Acetate	6.330	43	6383	2.560	ug/l #	93

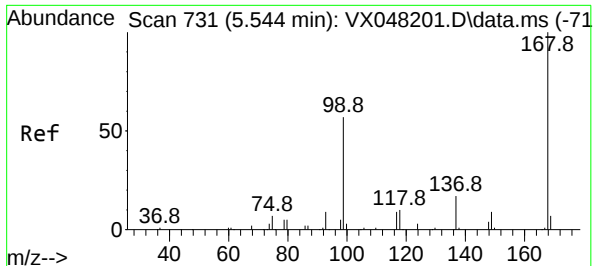
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048220.D
Acq On : 17 Oct 2025 17:56
Operator : JC/MD
Sample : Q3357-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DRUM-4

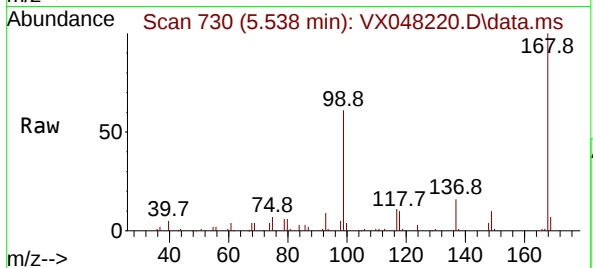
Quant Time: Oct 18 00:22:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 18 00:06:31 2025
Response via : Initial Calibration



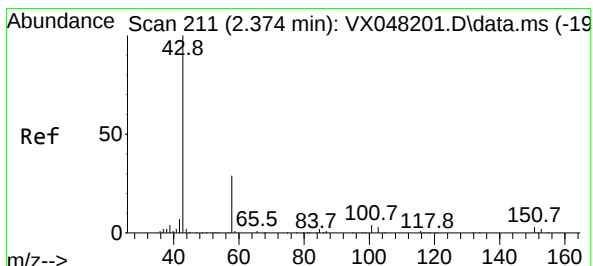
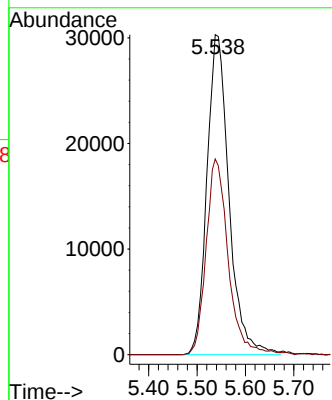
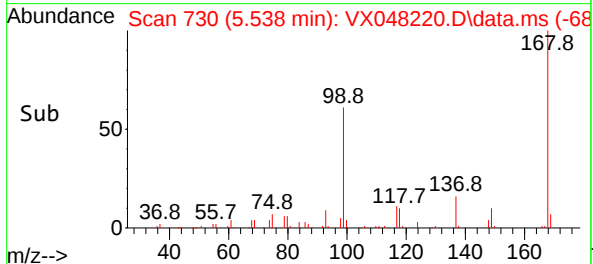


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX048220.D
Acq: 17 Oct 2025 17:56

Instrument :
MSVOA_X
ClientSampleId :
DRUM-4

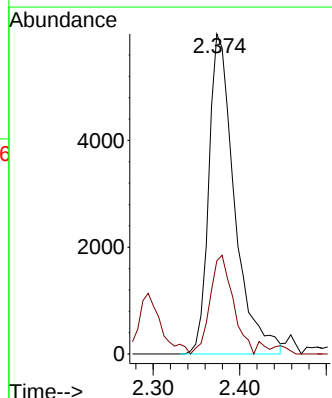
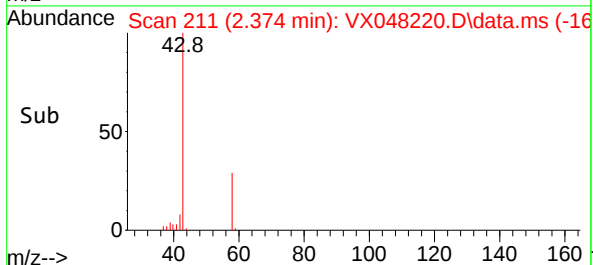
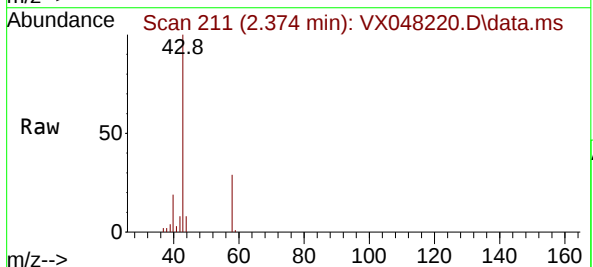


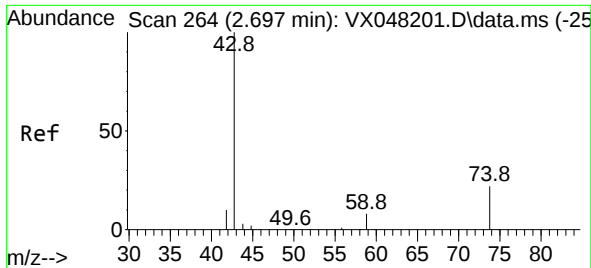
Tgt Ion:168 Resp: 95945
Ion Ratio Lower Upper
168 100
99 61.2 46.4 69.6



#16
Acetone
Concen: 24.366 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048220.D
Acq: 17 Oct 2025 17:56

Tgt Ion: 43 Resp: 12355
Ion Ratio Lower Upper
43 100
58 26.5 23.4 35.2

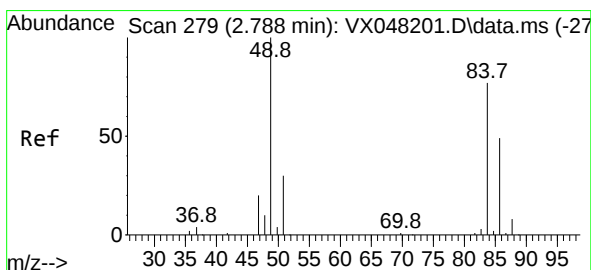
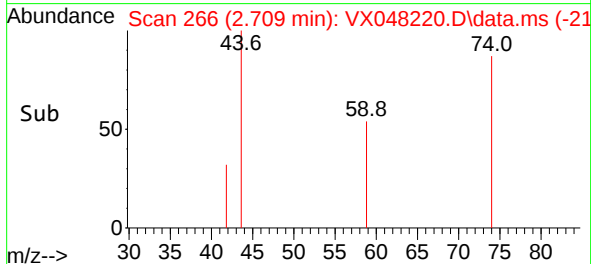
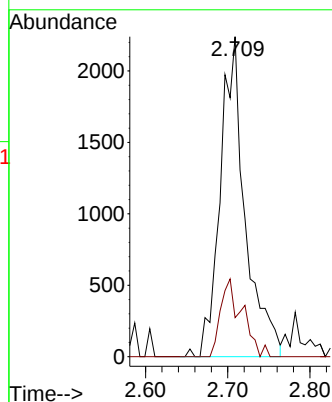
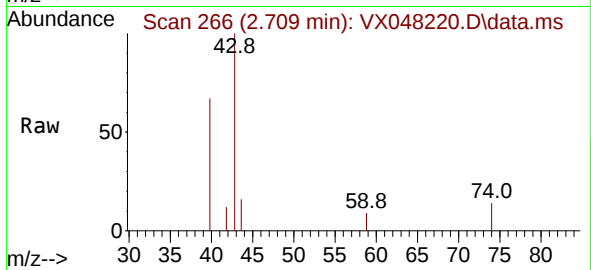




#18
Methyl Acetate
Concen: 4.576 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX048220.D
Acq: 17 Oct 2025 17:56

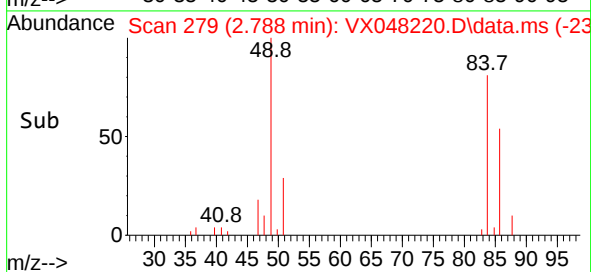
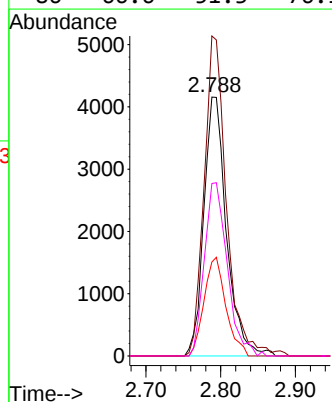
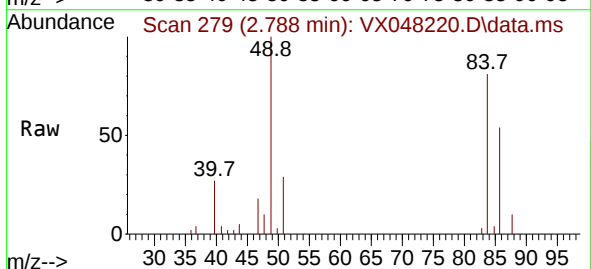
Instrument :
MSVOA_X
ClientSampleId :
DRUM-4

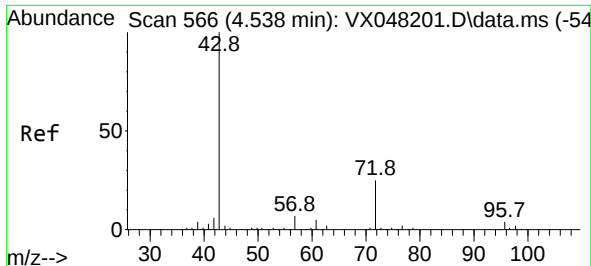
Tgt Ion: 43 Resp: 4726
Ion Ratio Lower Upper
43 100
74 21.1 17.5 26.3



#20
Methylene Chloride
Concen: 7.087 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048220.D
Acq: 17 Oct 2025 17:56

Tgt Ion: 84 Resp: 8754
Ion Ratio Lower Upper
84 100
49 123.6 104.1 156.1
51 36.3 31.3 46.9
86 66.6 51.3 76.9





#25

2-Butanone

Concen: 9.553 ug/l

RT: 4.556 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX048220.D

Acq: 17 Oct 2025 17:56

Instrument :

MSVOA_X

ClientSampleId :

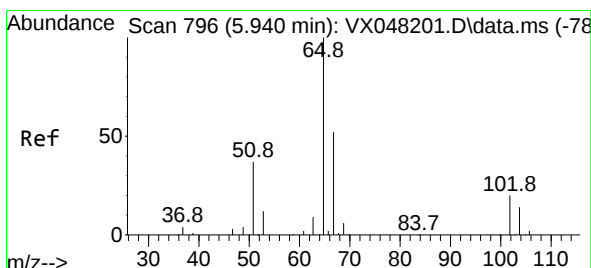
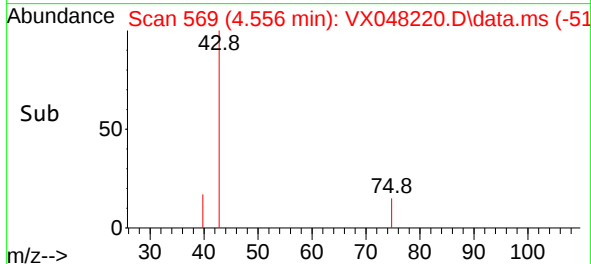
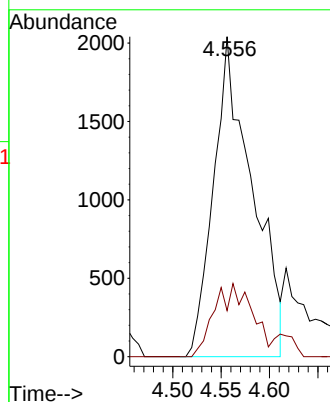
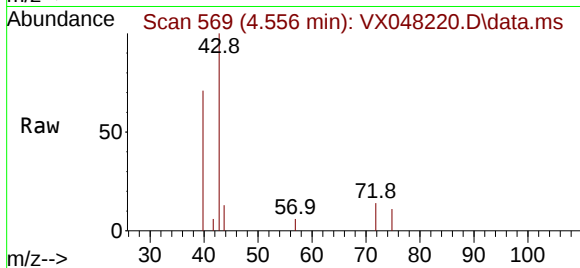
DRUM-4

Tgt Ion: 43 Resp: 5643

Ion Ratio Lower Upper

43 100

72 12.8 19.9 29.9#



#33

1,2-Dichloroethane-d4

Concen: 53.401 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048220.D

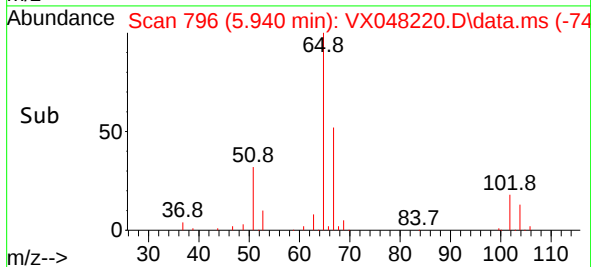
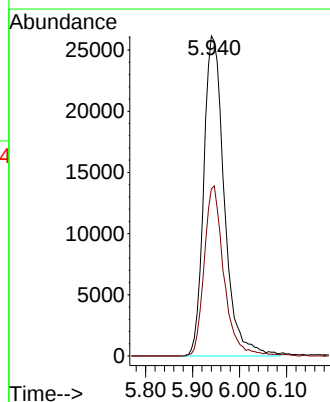
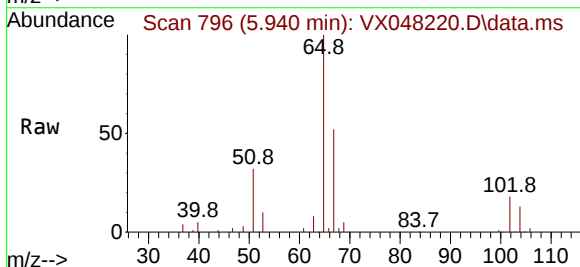
Acq: 17 Oct 2025 17:56

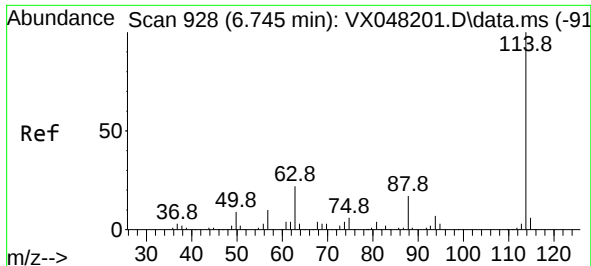
Tgt Ion: 65 Resp: 79374

Ion Ratio Lower Upper

65 100

67 51.0 0.0 105.0

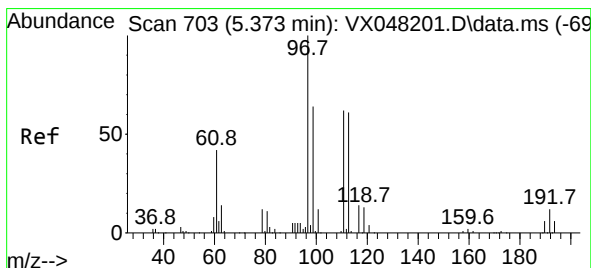
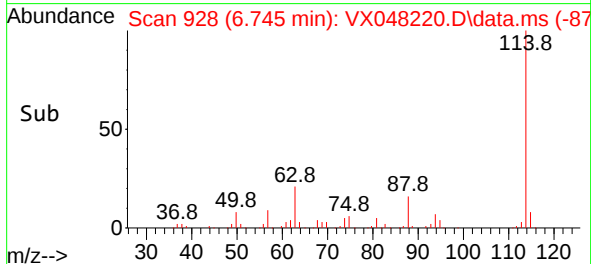
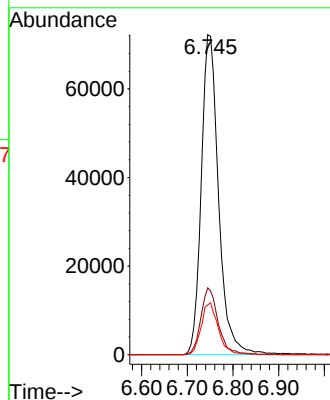
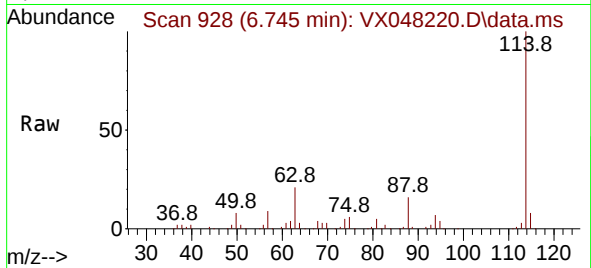




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048220.D
Acq: 17 Oct 2025 17:56

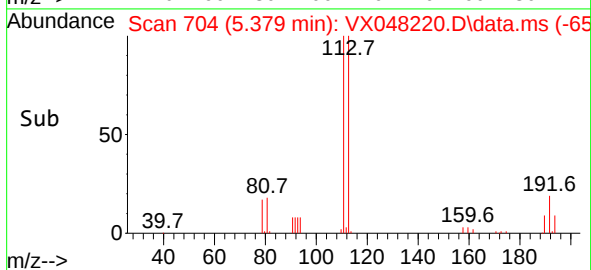
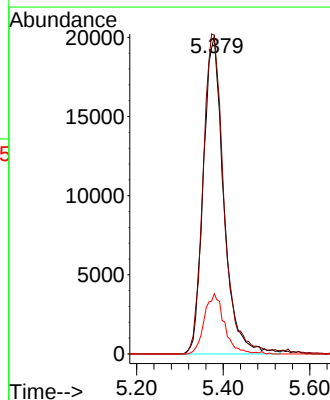
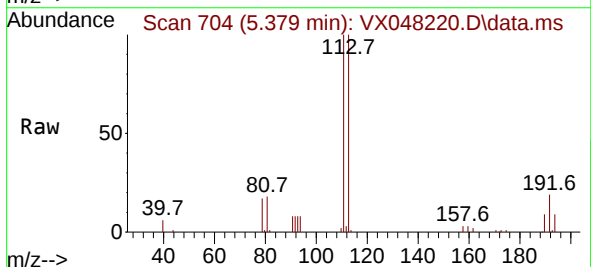
Instrument :
MSVOA_X
ClientSampleId :
DRUM-4

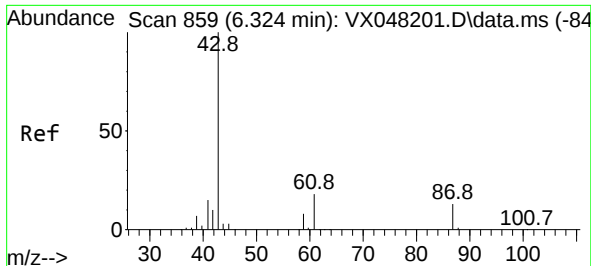
Tgt Ion:114 Resp: 190078
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.2
88 15.5 0.0 33.6



#35
Dibromofluoromethane
Concen: 49.602 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048220.D
Acq: 17 Oct 2025 17:56

Tgt Ion:113 Resp: 65435
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 18.5 15.1 22.7

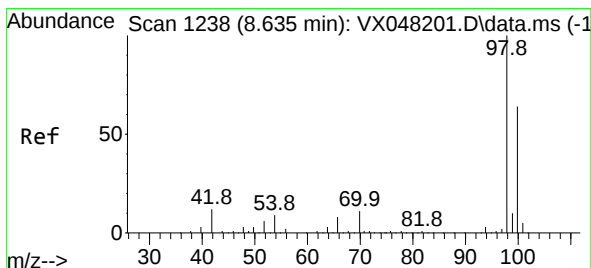
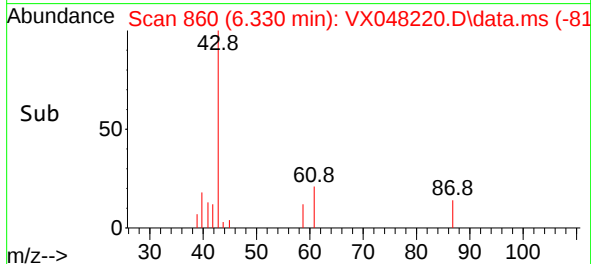
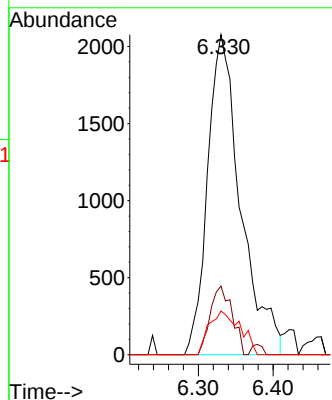
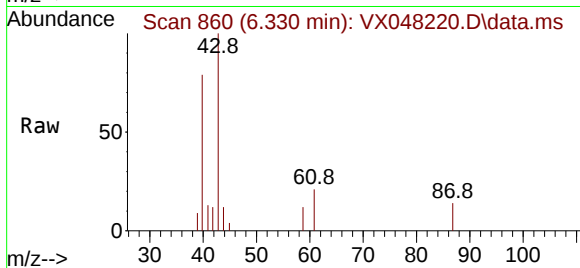




#43
Isopropyl Acetate
Concen: 2.560 ug/l
RT: 6.330 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX048220.D
Acq: 17 Oct 2025 17:56

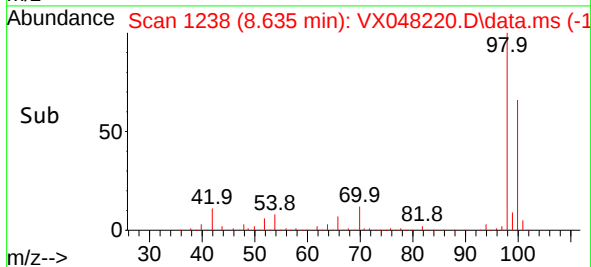
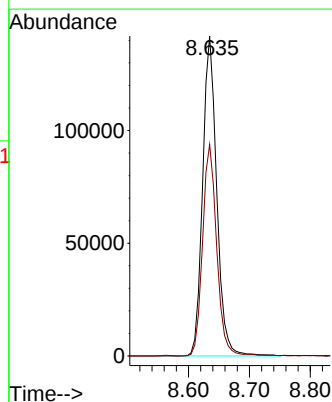
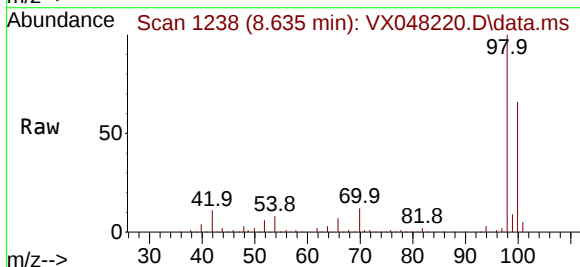
Instrument :
MSVOA_X
ClientSampleId :
DRUM-4

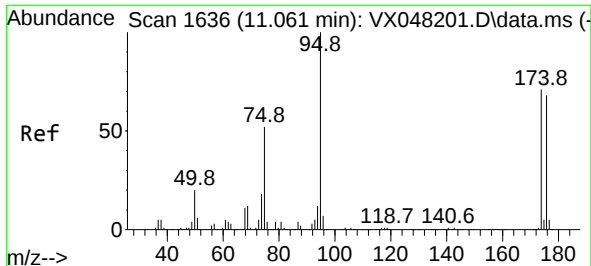
Tgt Ion: 43 Resp: 6383
Ion Ratio Lower Upper
43 100
61 14.2 14.9 22.3#
87 12.8 9.4 14.2



#50
Toluene-d8
Concen: 48.011 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048220.D
Acq: 17 Oct 2025 17:56

Tgt Ion: 98 Resp: 228173
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4

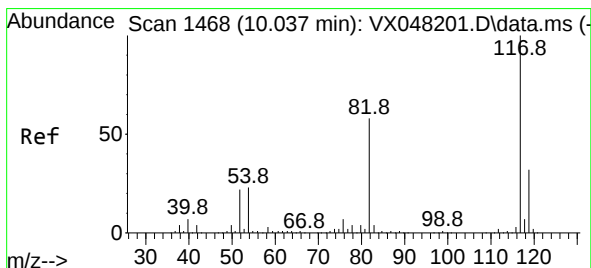
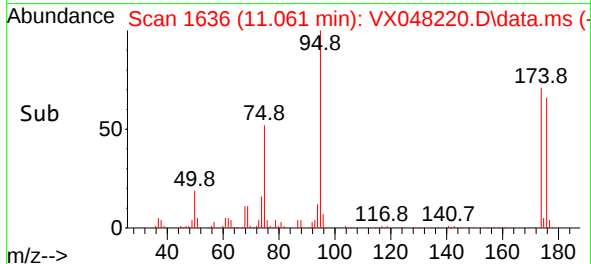
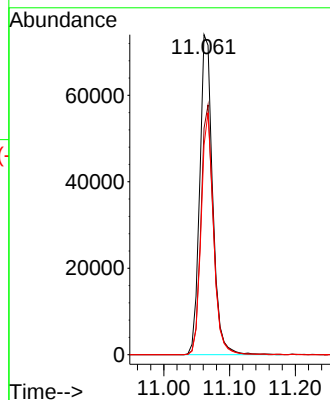
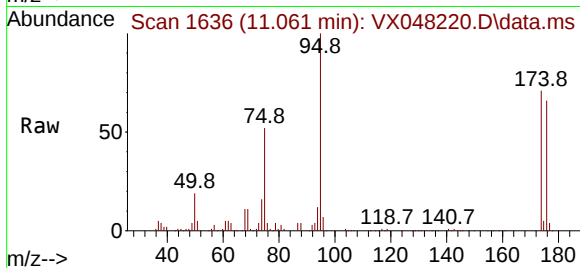




#62
4-Bromofluorobenzene
Concen: 58.330 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048220.D
Acq: 17 Oct 2025 17:56

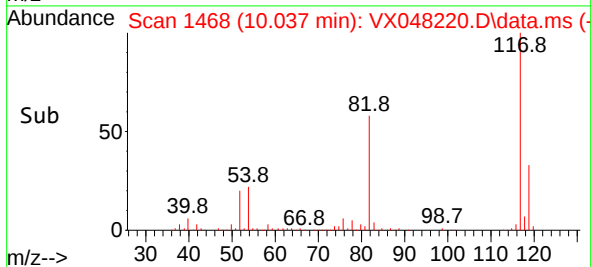
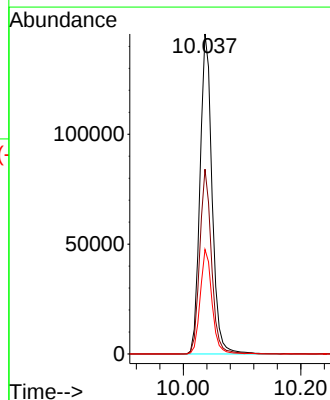
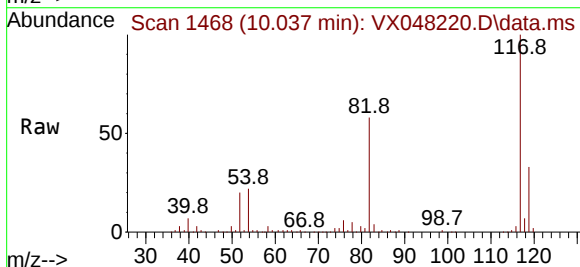
Instrument :
MSVOA_X
ClientSampleId :
DRUM-4

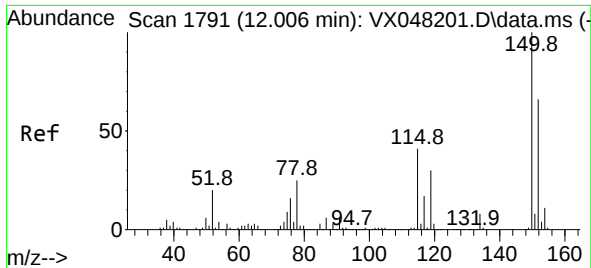
Tgt Ion: 95 Resp: 100967
Ion Ratio Lower Upper
95 100
174 75.7 0.0 147.8
176 72.8 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048220.D
Acq: 17 Oct 2025 17:56

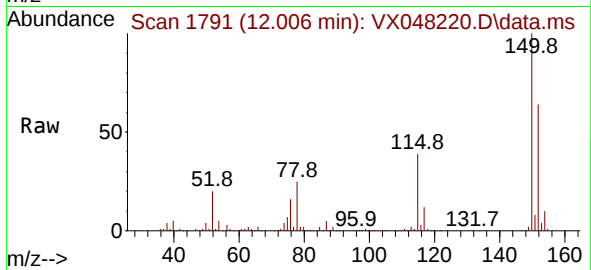
Tgt Ion: 117 Resp: 207785
Ion Ratio Lower Upper
117 100
82 57.8 46.5 69.7
119 32.7 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048220.D
 Acq: 17 Oct 2025 17:56

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-4



Tgt Ion:152 Resp: 107748
 Ion Ratio Lower Upper
 152 100
 115 62.6 43.1 129.4
 150 158.7 0.0 353.0

