

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048025.D
 Acq On : 06 Oct 2025 15:31
 Operator : JC/MD
 Sample : Q3202-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-2R

Quant Time: Oct 07 02:15:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

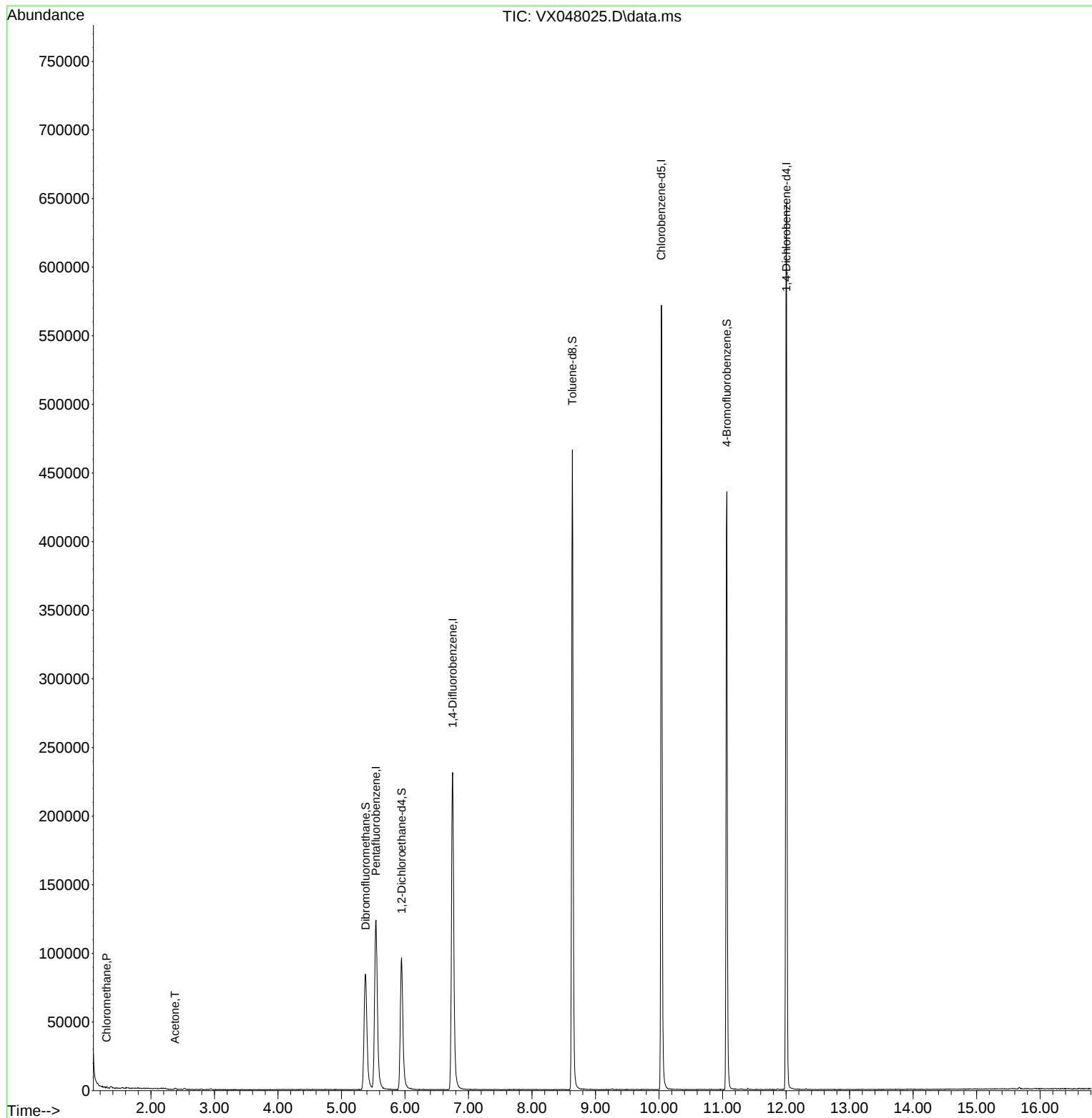
Internal Standards						
1) Pentafluorobenzene	5.544	168	122057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	251704	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	264687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	135085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	103762	53.407	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.820%	
35) Dibromofluoromethane	5.379	113	84299	49.938	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.880%	
50) Toluene-d8	8.635	98	284869	48.770	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.540%	
62) 4-Bromofluorobenzene	11.067	95	126604	57.112	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.220%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	826	0.497	ug/l	94
16) Acetone	2.380	43	1128	1.335	ug/l #	86

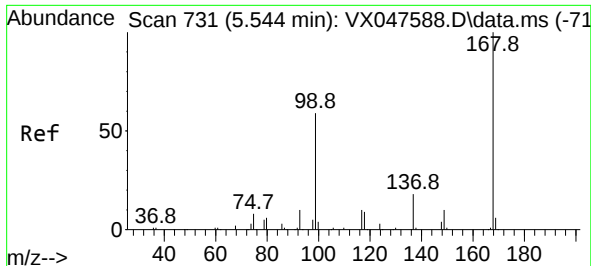
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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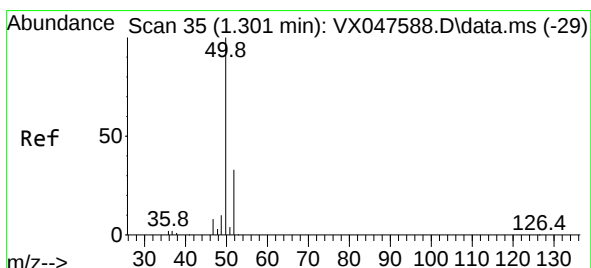
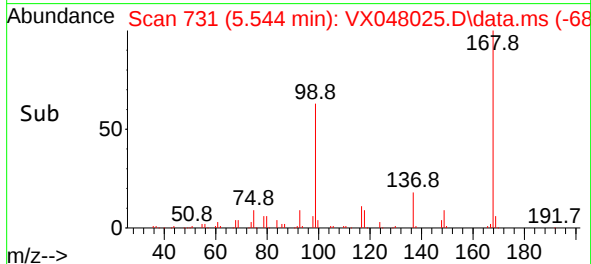
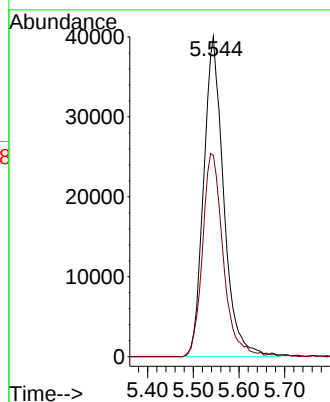
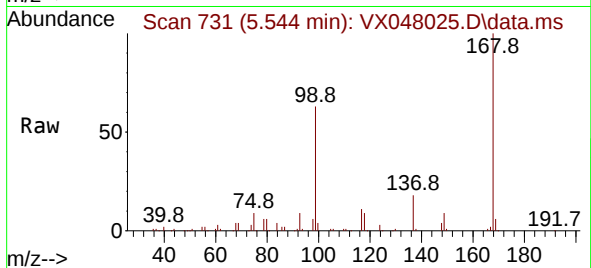




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048025.D
Acq: 06 Oct 2025 15:31

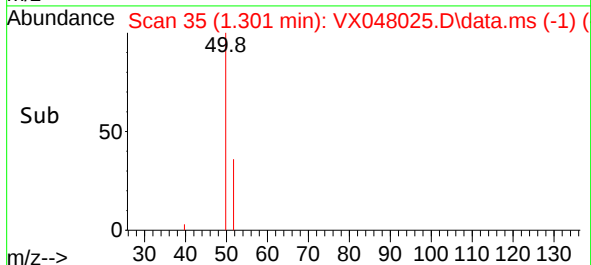
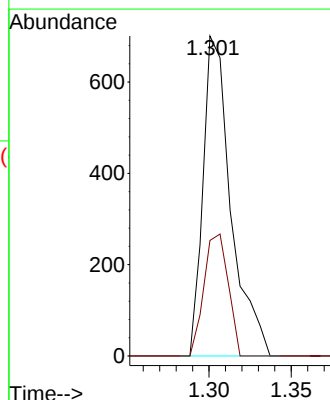
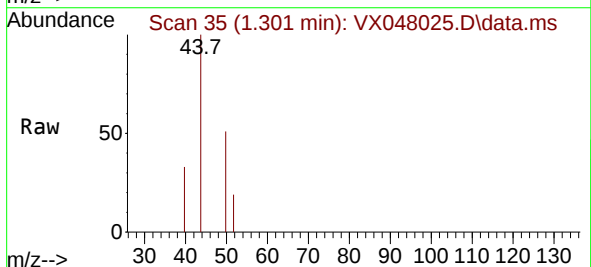
Instrument :
MSVOA_X
ClientSampleId :
SY-2R

Tgt Ion:168 Resp: 122057
Ion Ratio Lower Upper
168 100
99 62.9 48.8 73.2



#3
Chloromethane
Concen: 0.497 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048025.D
Acq: 06 Oct 2025 15:31

Tgt Ion: 50 Resp: 826
Ion Ratio Lower Upper
50 100
52 36.1 26.1 39.1

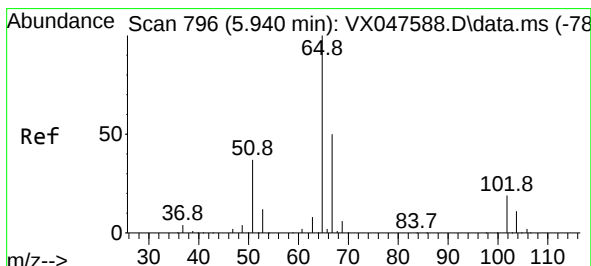
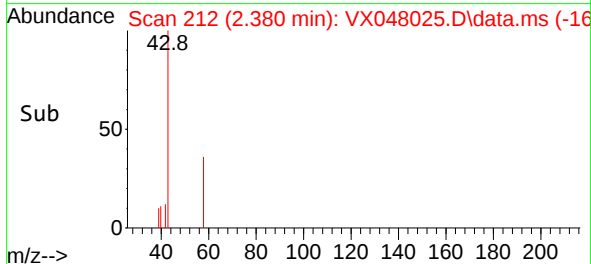
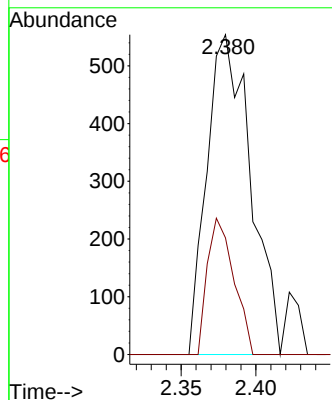
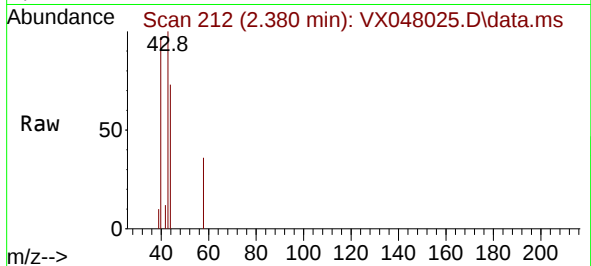




#16
Acetone
Concen: 1.335 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048025.D
Acq: 06 Oct 2025 15:31

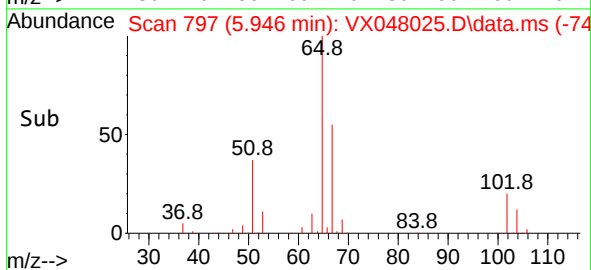
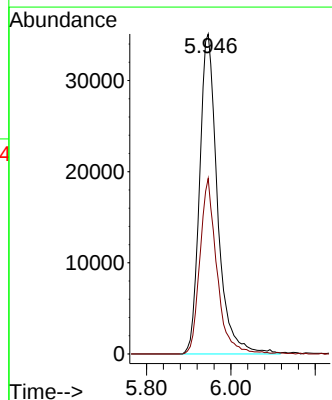
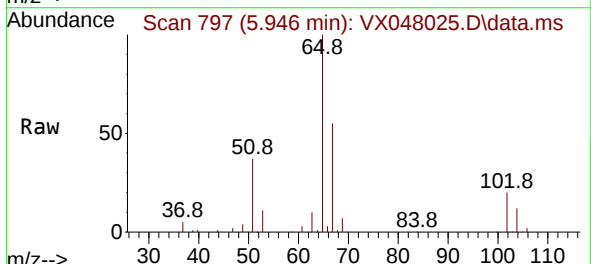
Instrument :
MSVOA_X
ClientSampleId :
SY-2R

Tgt Ion: 43 Resp: 1128
Ion Ratio Lower Upper
43 100
58 36.5 23.4 35.0#



#33
1,2-Dichloroethane-d4
Concen: 53.407 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048025.D
Acq: 06 Oct 2025 15:31

Tgt Ion: 65 Resp: 103762
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0

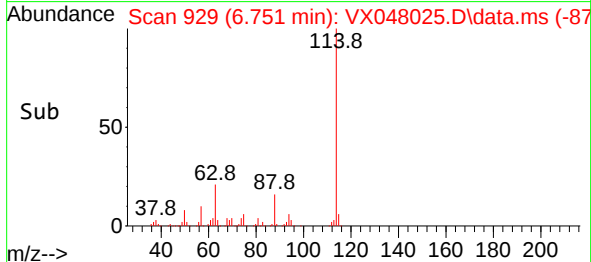
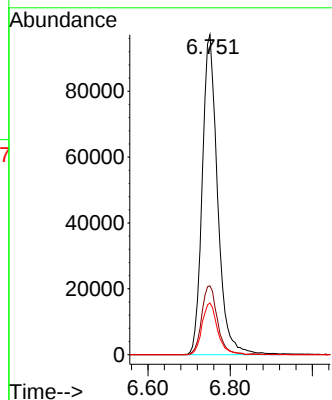
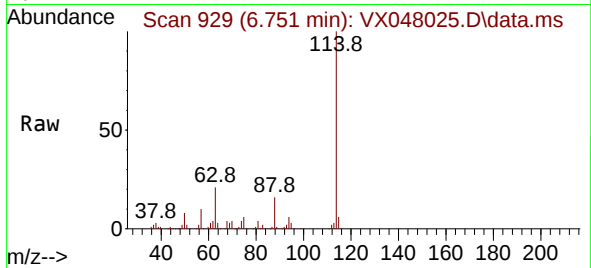




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048025.D
Acq: 06 Oct 2025 15:31

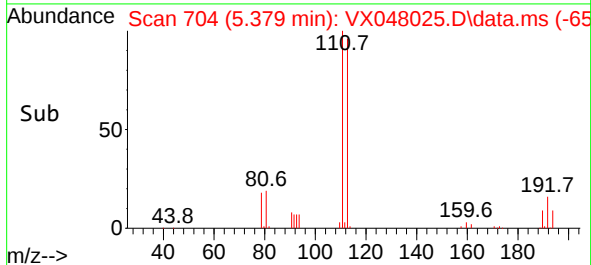
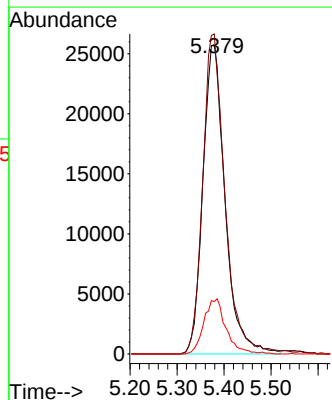
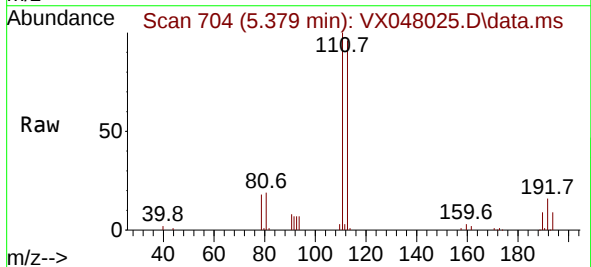
Instrument :
MSVOA_X
ClientSampleId :
SY-2R

Tgt Ion:114 Resp: 251704
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.0
88 16.2 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.938 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048025.D
Acq: 06 Oct 2025 15:31

Tgt Ion:113 Resp: 84299
Ion Ratio Lower Upper
113 100
111 103.4 80.9 121.3
192 17.6 14.2 21.4

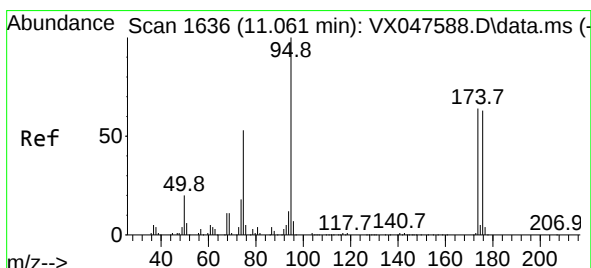
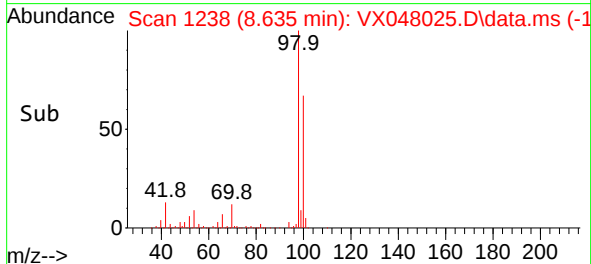
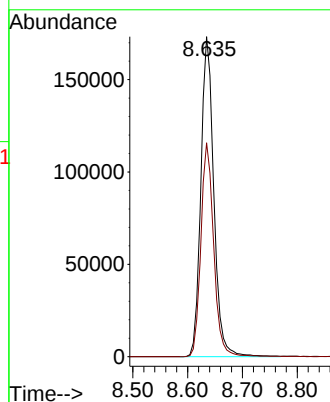
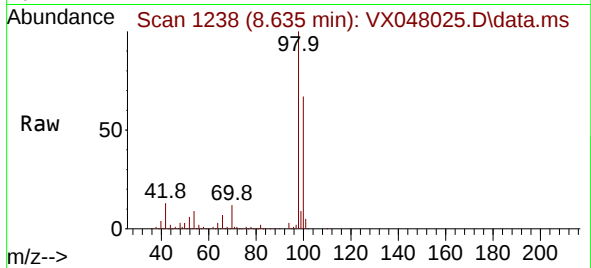




#50
Toluene-d8
Concen: 48.770 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048025.D
Acq: 06 Oct 2025 15:31

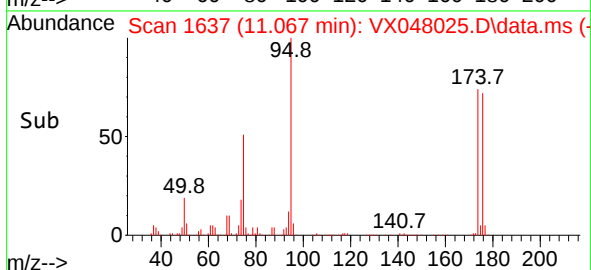
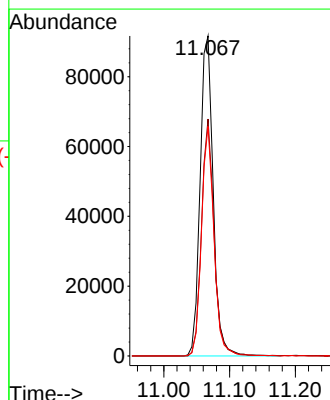
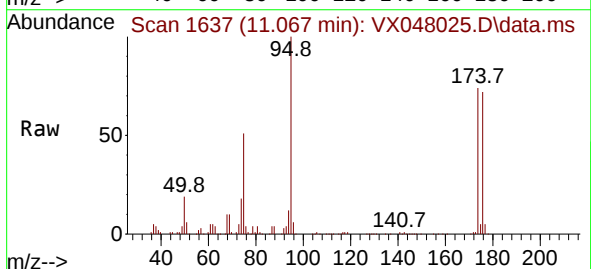
Instrument :
MSVOA_X
ClientSampleId :
SY-2R

Tgt Ion: 98 Resp: 284869
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 57.112 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048025.D
Acq: 06 Oct 2025 15:31

Tgt Ion: 95 Resp: 126604
Ion Ratio Lower Upper
95 100
174 71.3 0.0 141.6
176 68.6 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048025.D

Acq: 06 Oct 2025 15:31

Instrument :

MSVOA_X

ClientSampleId :

SY-2R

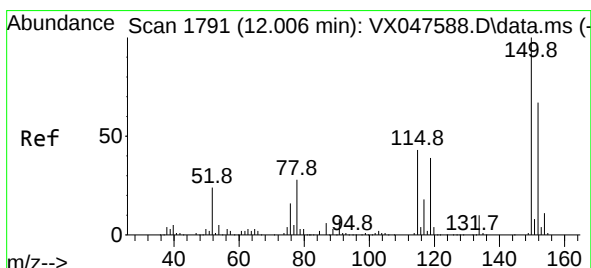
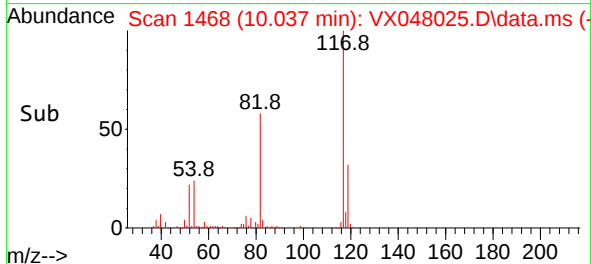
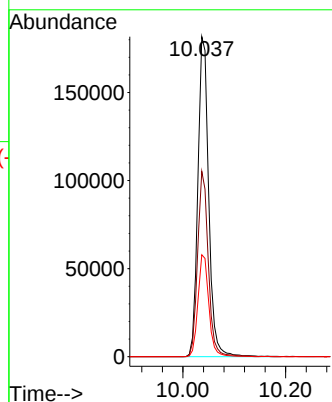
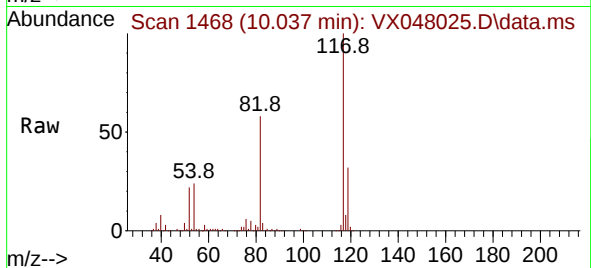
Tgt Ion:117 Resp: 264687

Ion Ratio Lower Upper

117 100

82 57.9 47.8 71.6

119 31.8 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048025.D

Acq: 06 Oct 2025 15:31

Tgt Ion:152 Resp: 135085

Ion Ratio Lower Upper

152 100

115 62.7 44.9 134.5

150 158.0 0.0 352.0

