

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048031.D
 Acq On : 06 Oct 2025 17:35
 Operator : JC/MD
 Sample : Q3202-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-3D

Quant Time: Oct 07 02:20:12 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)

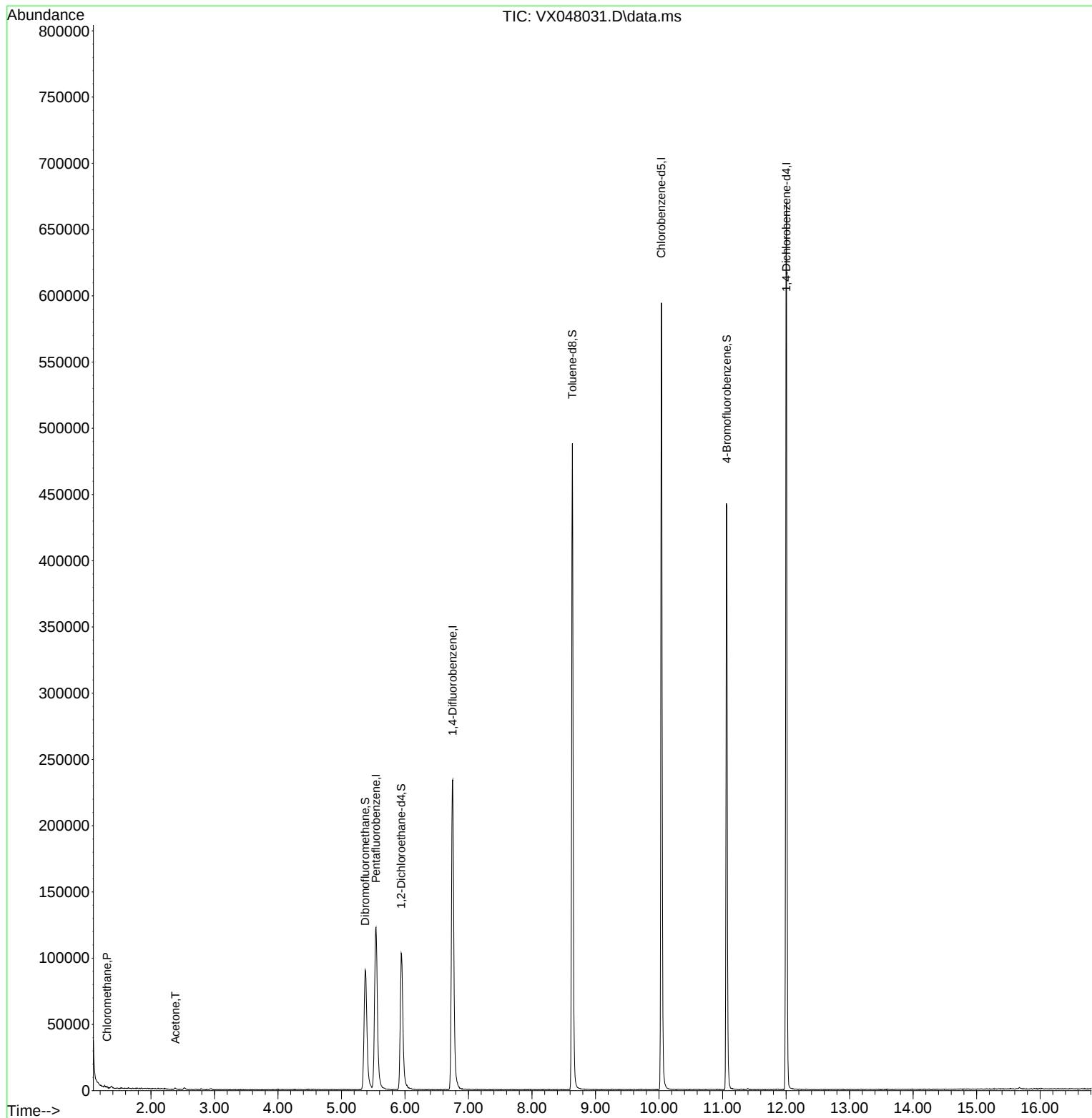
Internal Standards						
1) Pentafluorobenzene	5.544	168	124280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	255750	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	273710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	139753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	112472	56.855	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.720%	
35) Dibromofluoromethane	5.373	113	90381	52.694	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.380%	
50) Toluene-d8	8.635	98	297038	50.049	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.100%	
62) 4-Bromofluorobenzene	11.067	95	129057	57.297	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	635	0.375	ug/l #	88
16) Acetone	2.386	43	1695	1.971	ug/l #	69

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

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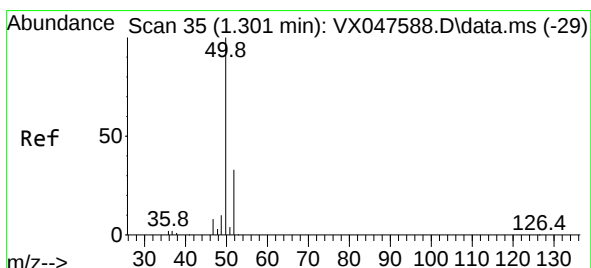
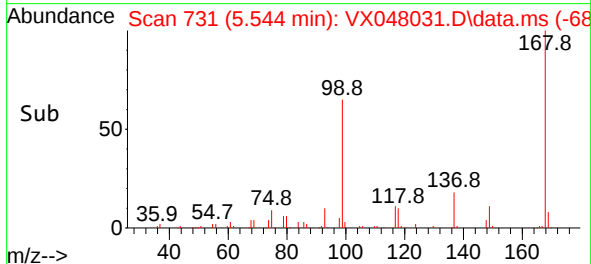
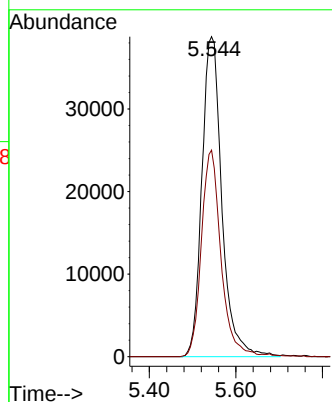
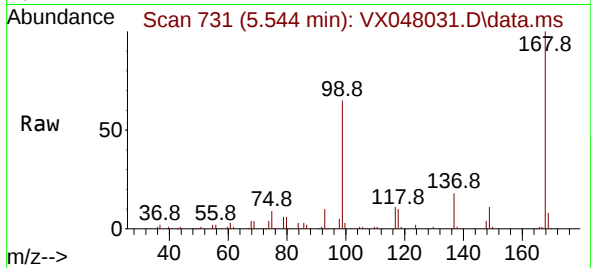




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048031.D
Acq: 06 Oct 2025 17:35

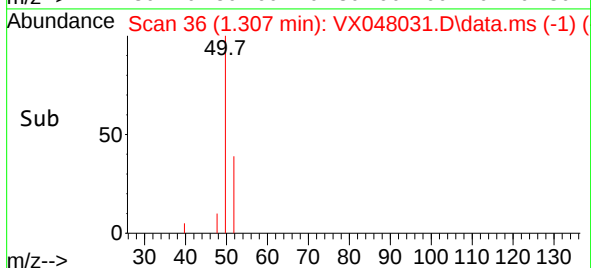
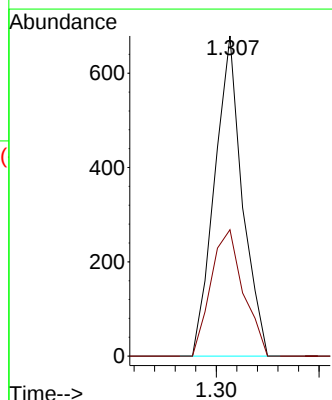
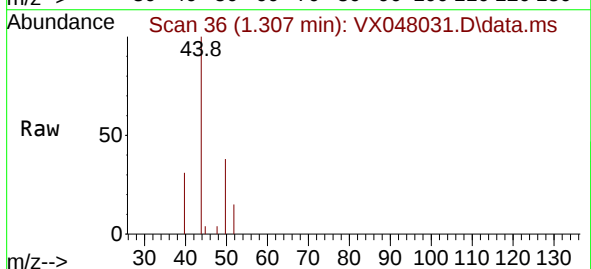
Instrument :
MSVOA_X
ClientSampleId :
SY-3D

Tgt Ion:168 Resp: 124280
Ion Ratio Lower Upper
168 100
99 64.6 48.8 73.2



#3
Chloromethane
Concen: 0.375 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX048031.D
Acq: 06 Oct 2025 17:35

Tgt Ion: 50 Resp: 635
Ion Ratio Lower Upper
50 100
52 39.5 26.1 39.1#

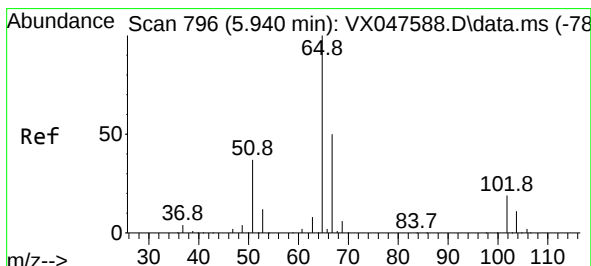
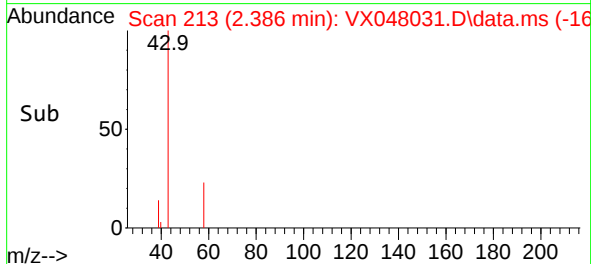
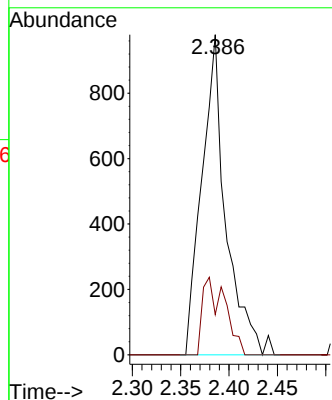
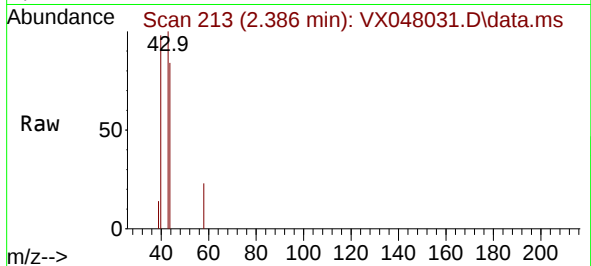




#16
Acetone
Concen: 1.971 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX048031.D
Acq: 06 Oct 2025 17:35

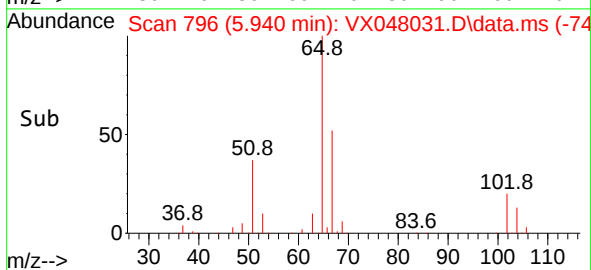
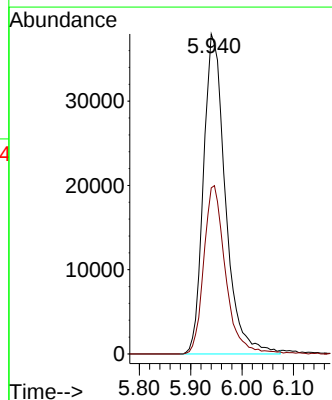
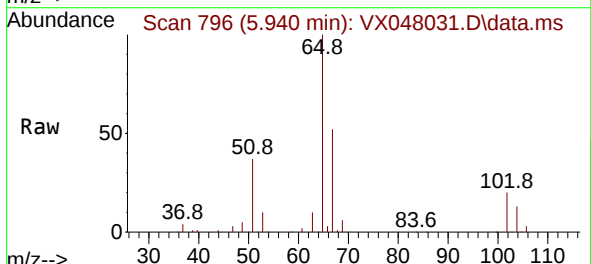
Instrument :
MSVOA_X
ClientSampleId :
SY-3D

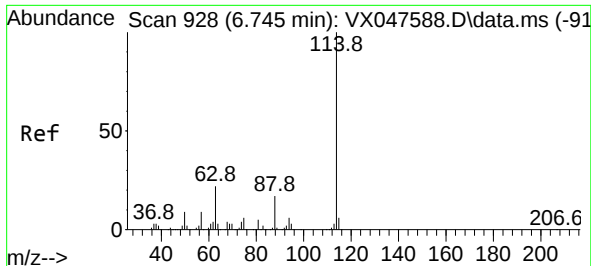
Tgt Ion: 43 Resp: 1695
Ion Ratio Lower Upper
43 100
58 12.6 23.4 35.0#



#33
1,2-Dichloroethane-d4
Concen: 56.855 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048031.D
Acq: 06 Oct 2025 17:35

Tgt Ion: 65 Resp: 112472
Ion Ratio Lower Upper
65 100
67 52.3 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: VX048031.D

Acq: 06 Oct 2025 17:35

Instrument :

MSVOA_X

ClientSampleId :

SY-3D

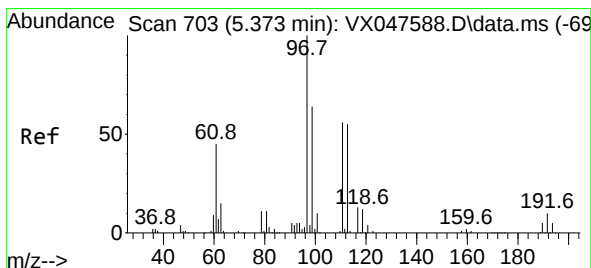
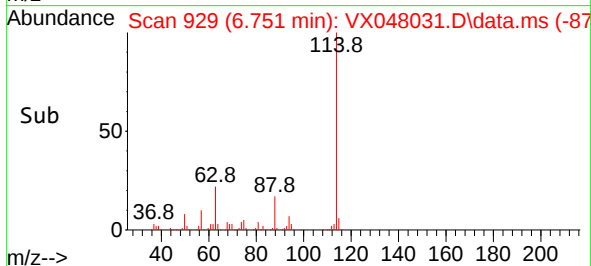
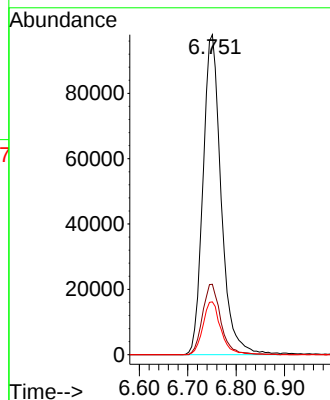
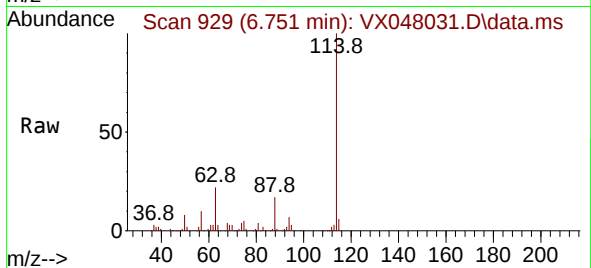
Tgt Ion:114 Resp: 255750

Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.0

88 16.5 0.0 34.2



#35

Dibromofluoromethane

Concen: 52.694 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048031.D

Acq: 06 Oct 2025 17:35

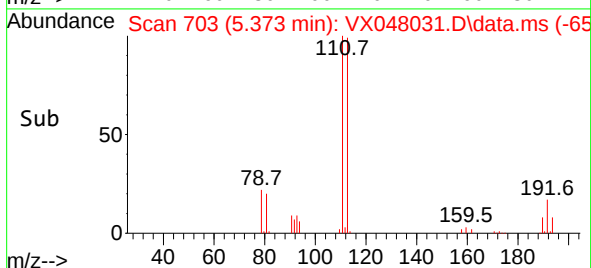
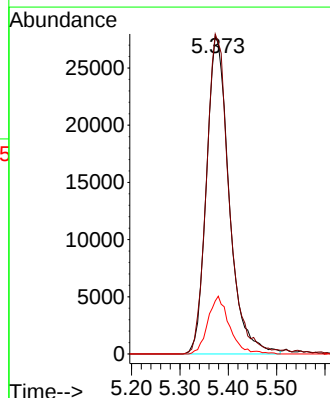
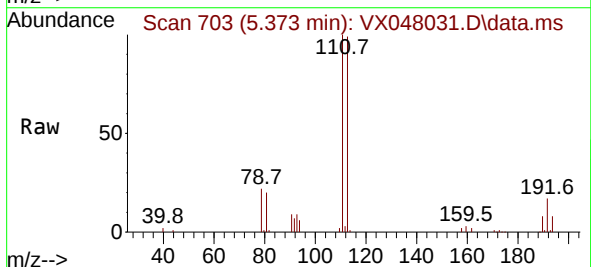
Tgt Ion:113 Resp: 90381

Ion Ratio Lower Upper

113 100

111 101.4 80.9 121.3

192 17.4 14.2 21.4

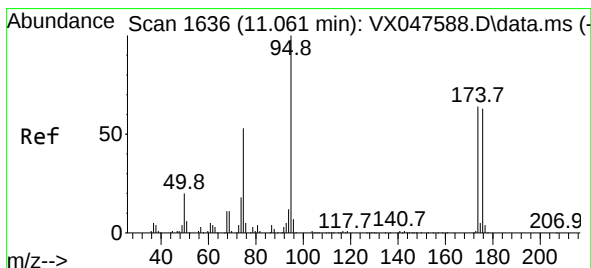
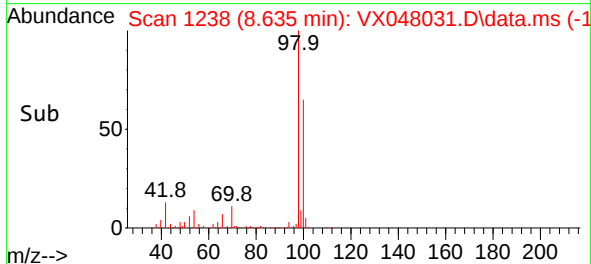
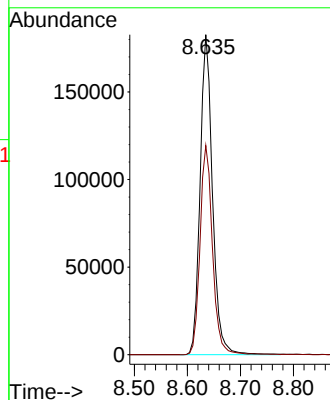
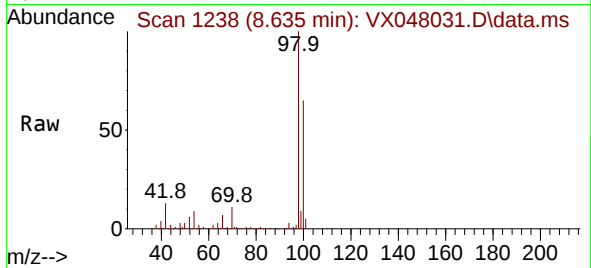




#50
Toluene-d8
Concen: 50.049 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048031.D
Acq: 06 Oct 2025 17:35

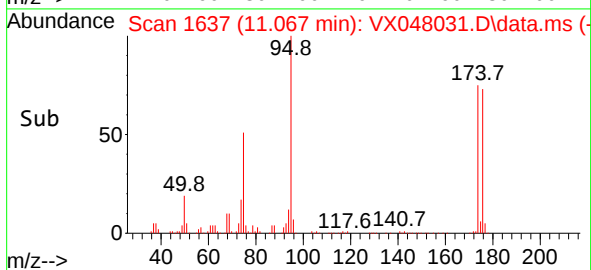
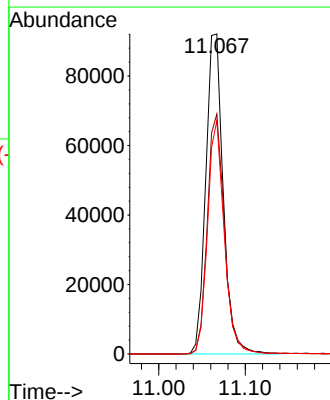
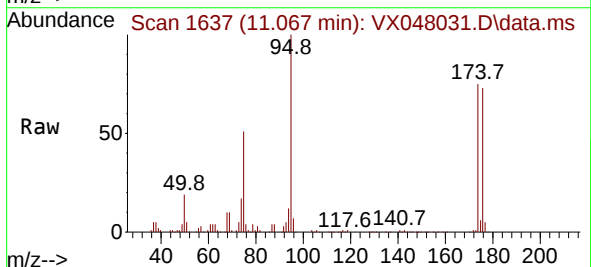
Instrument :
MSVOA_X
ClientSampleId :
SY-3D

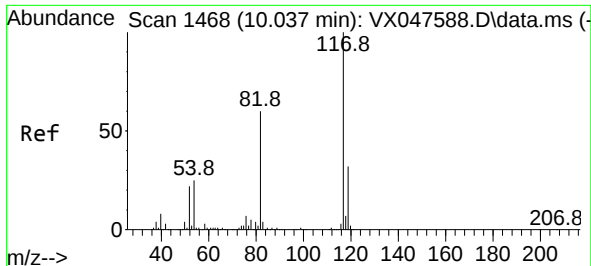
Tgt Ion: 98 Resp: 297038
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 57.297 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048031.D
Acq: 06 Oct 2025 17:35

Tgt Ion: 95 Resp: 129057
Ion Ratio Lower Upper
95 100
174 74.1 0.0 141.6
176 70.1 0.0 138.4

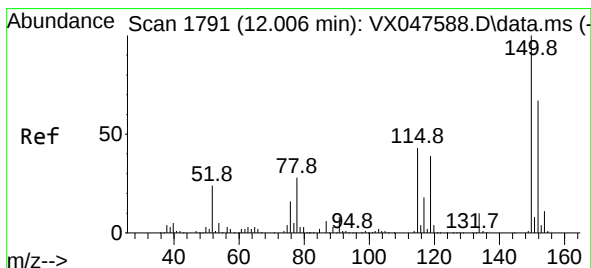
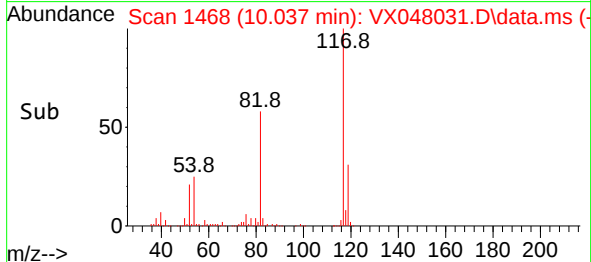
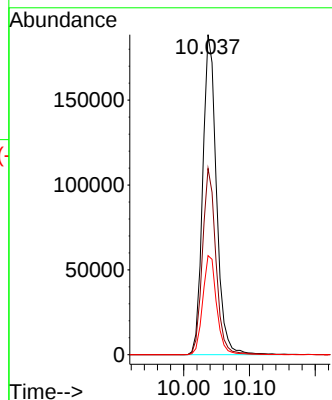
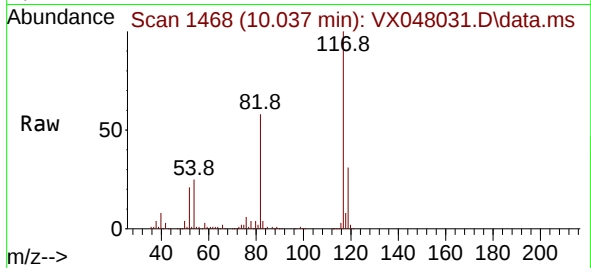




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048031.D
Acq: 06 Oct 2025 17:35

Instrument :
MSVOA_X
ClientSampleId :
SY-3D

Tgt Ion:117 Resp: 273710
Ion Ratio Lower Upper
117 100
82 58.2 47.8 71.6
119 31.0 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: VX048031.D
Acq: 06 Oct 2025 17:35

Tgt Ion:152 Resp: 139753
Ion Ratio Lower Upper
152 100
115 63.0 44.9 134.5
150 157.4 0.0 352.0

