

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112125\
 Data File : VX048646.D
 Acq On : 21 Nov 2025 11:15
 Operator : JC/MD
 Sample : Q3685-01 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 4197

Quant Time: Nov 21 22:10:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

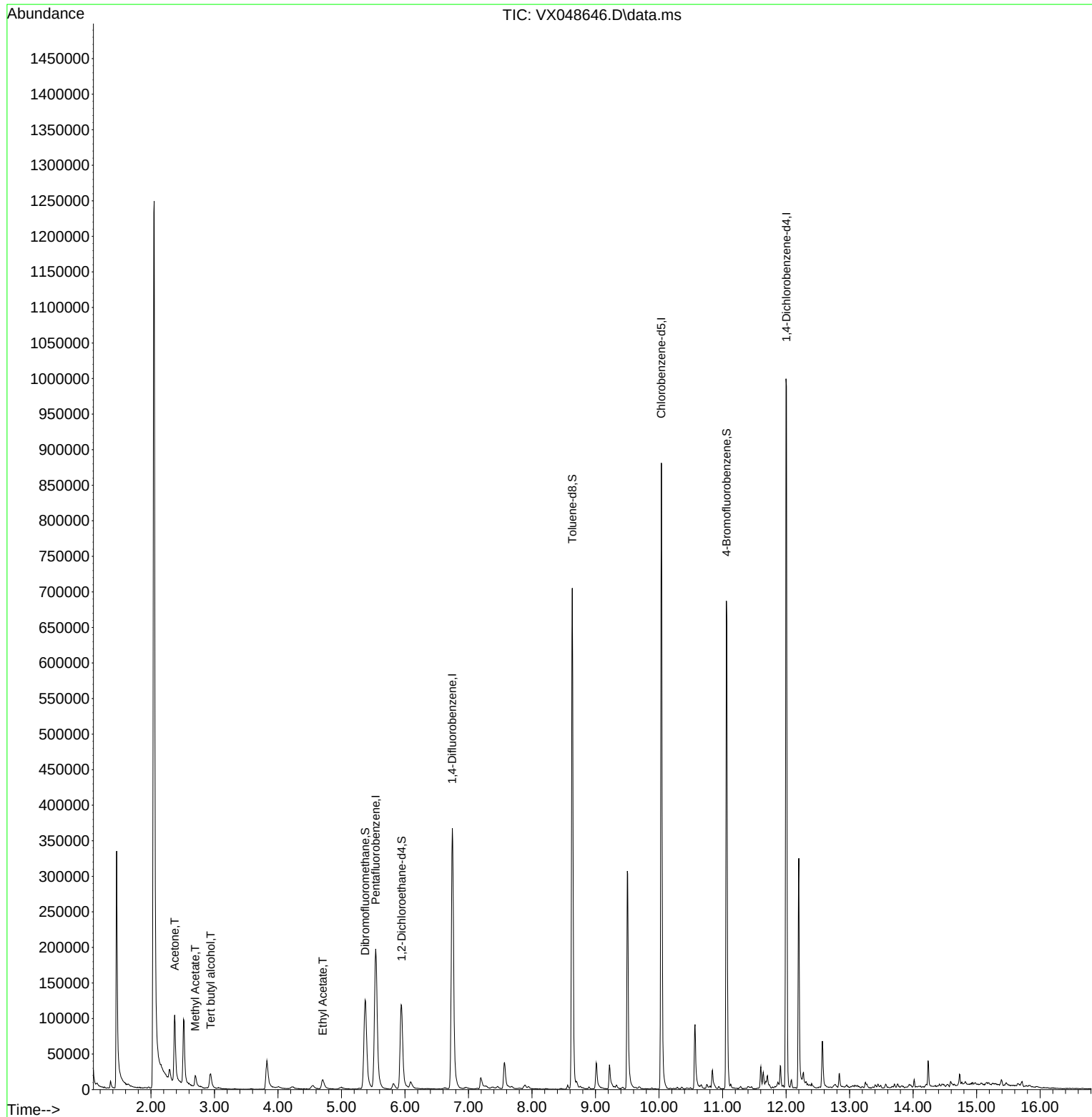
Internal Standards						
1) Pentafluorobenzene	5.538	168	213742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	412887	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	433706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	235699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	132561	44.509	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.020%
35) Dibromofluoromethane	5.373	113	131355	42.034	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.060%
50) Toluene-d8	8.635	98	458258	47.019	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.040%
62) 4-Bromofluorobenzene	11.061	95	202866	55.853	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.700%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	31001	54.931	ug/l	99
16) Acetone	2.373	43	122869	87.153	ug/l	98
18) Methyl Acetate	2.697	43	23405	6.041	ug/l	98
37) Ethyl Acetate	4.702	43	25842	4.387	ug/l #	92

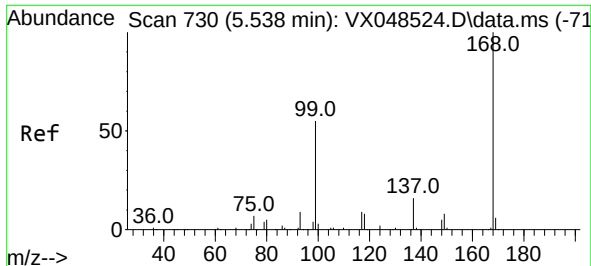
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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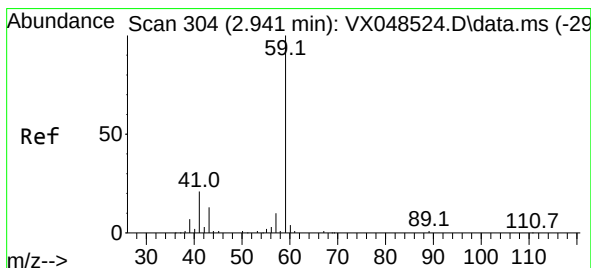
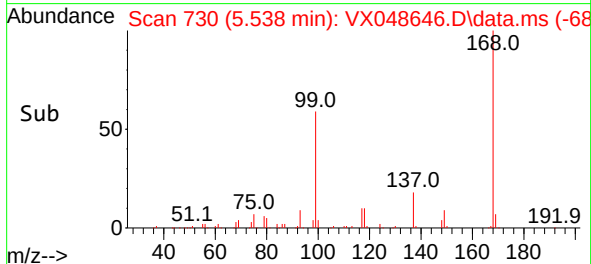
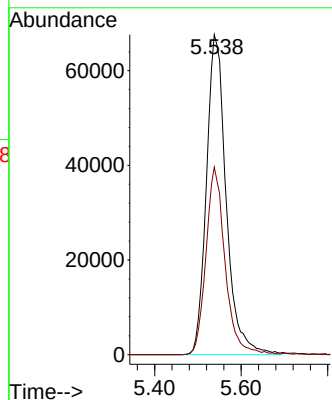
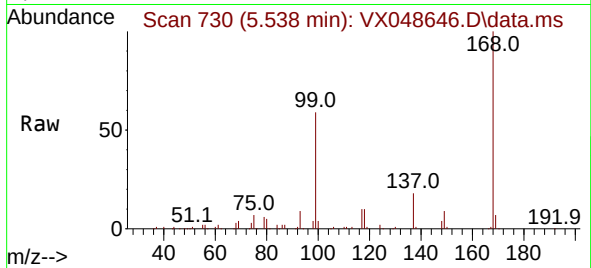




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048646.D
Acq: 21 Nov 2025 11:15

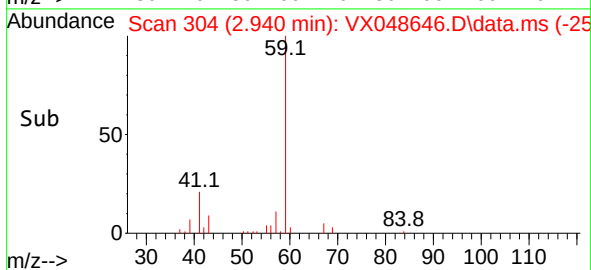
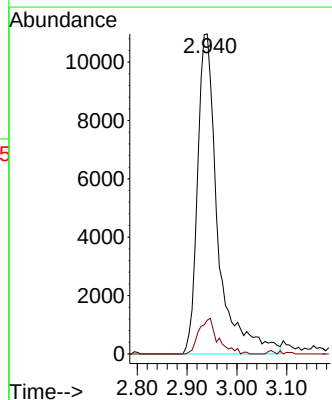
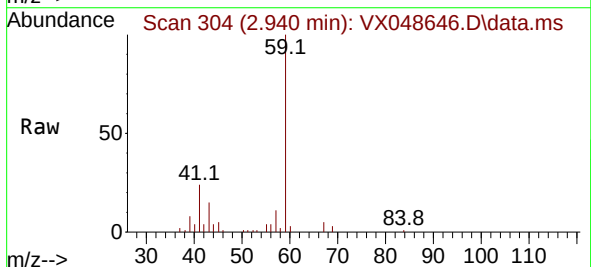
Instrument :
MSVOA_X
ClientSampleId :
4197

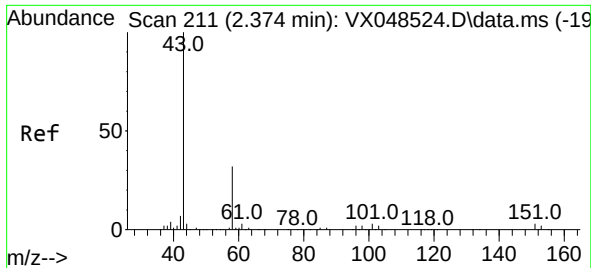
Tgt Ion:168 Resp: 213742
Ion Ratio Lower Upper
168 100
99 58.6 45.2 67.8



#11
Tert butyl alcohol
Concen: 54.931 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048646.D
Acq: 21 Nov 2025 11:15

Tgt Ion: 59 Resp: 31001
Ion Ratio Lower Upper
59 100
57 10.5 8.6 13.0

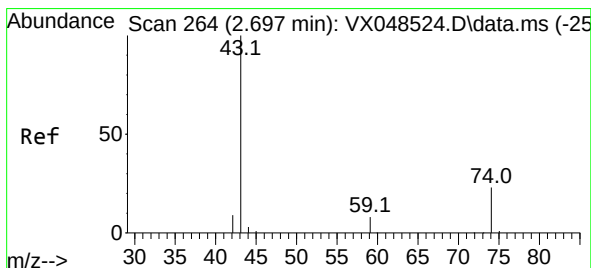
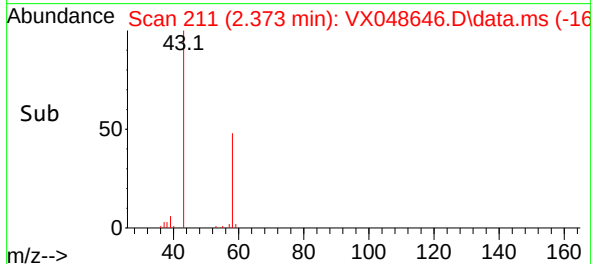
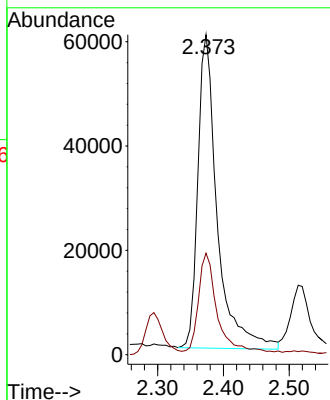
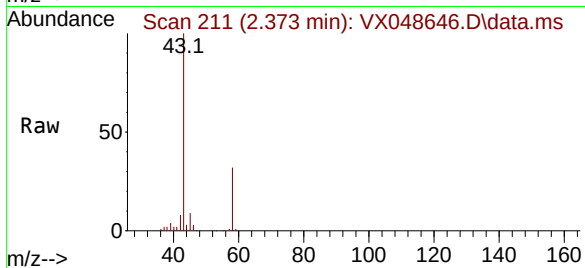




#16
Acetone
Concen: 87.153 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048646.D
Acq: 21 Nov 2025 11:15

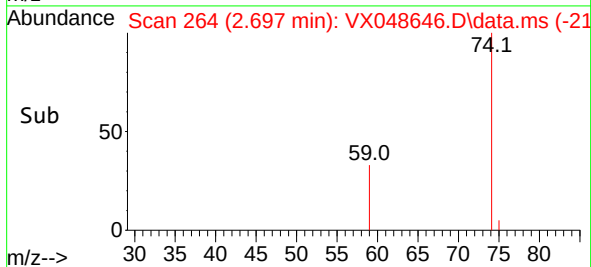
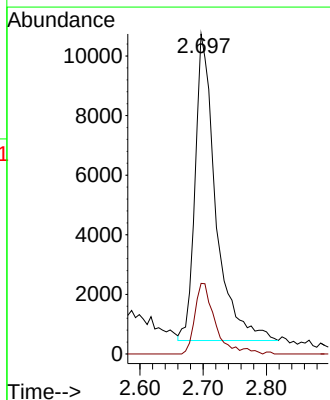
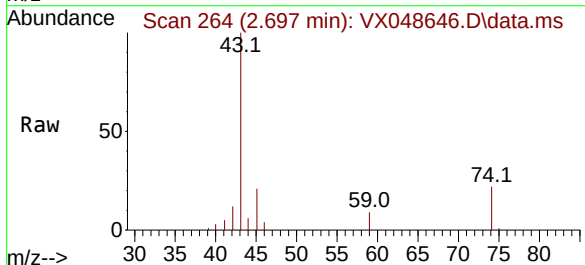
Instrument :
MSVOA_X
ClientSampleId :
4197

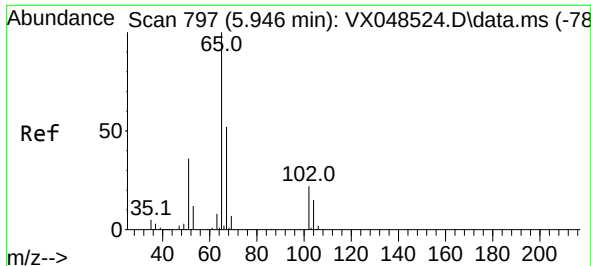
Tgt Ion: 43 Resp: 122869
Ion Ratio Lower Upper
43 100
58 31.3 25.8 38.6



#18
Methyl Acetate
Concen: 6.041 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048646.D
Acq: 21 Nov 2025 11:15

Tgt Ion: 43 Resp: 23405
Ion Ratio Lower Upper
43 100
74 22.7 19.1 28.7





#33

1,2-Dichloroethane-d4

Concen: 44.509 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX048646.D

Acq: 21 Nov 2025 11:15

Instrument :

MSVOA_X

ClientSampleId :

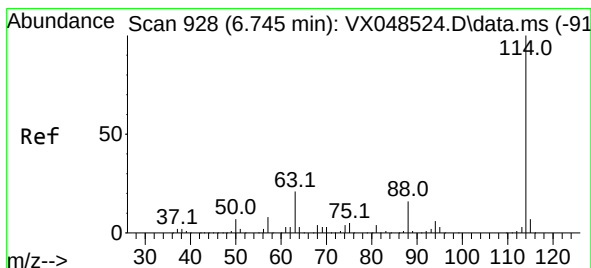
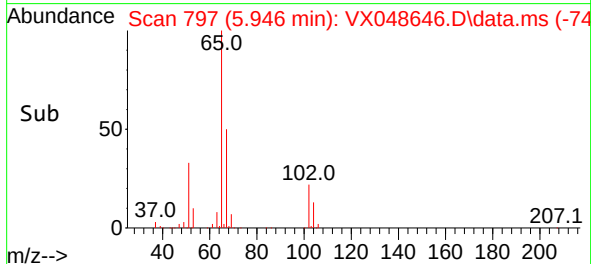
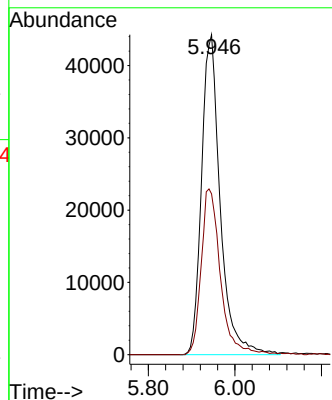
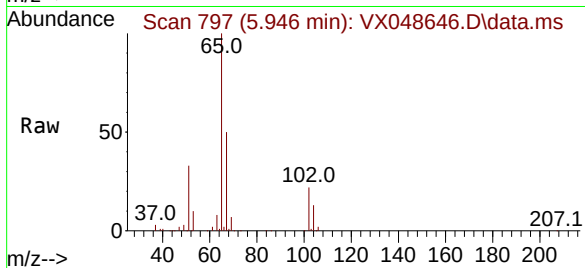
4197

Tgt Ion: 65 Resp: 132561

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048646.D

Acq: 21 Nov 2025 11:15

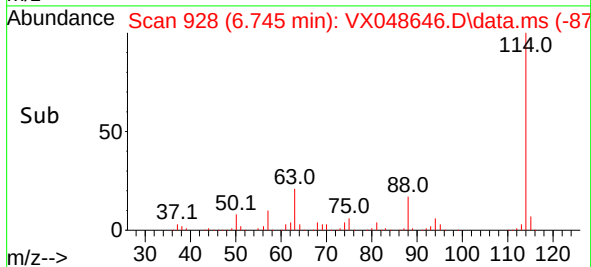
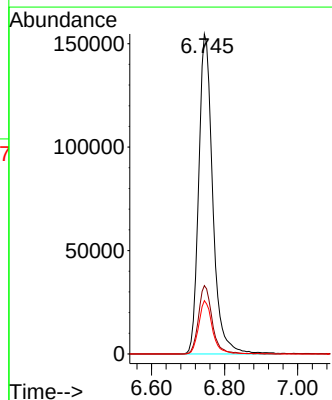
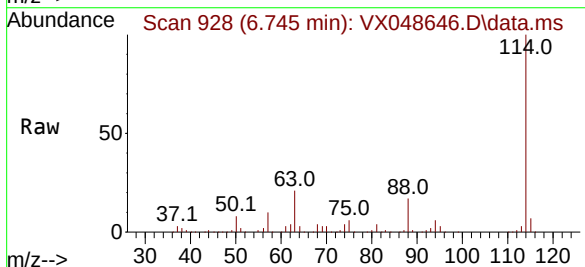
Tgt Ion: 114 Resp: 412887

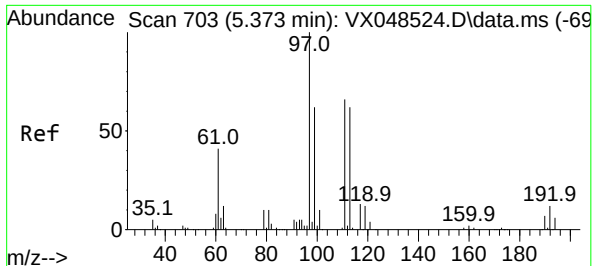
Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.2

88 16.6 0.0 32.2

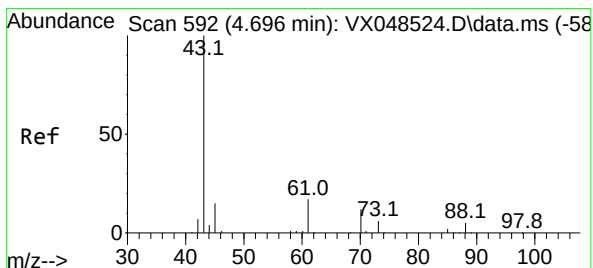
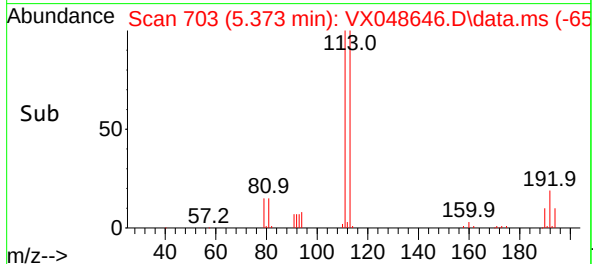
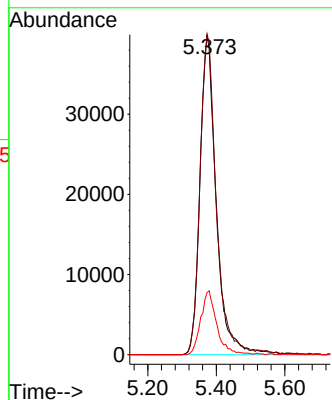
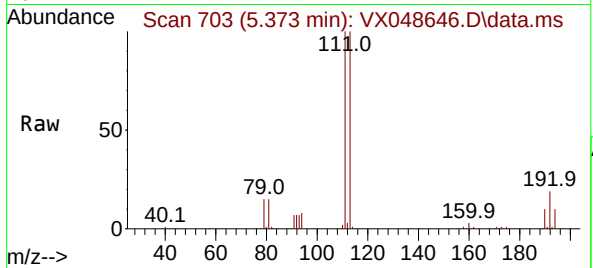




#35
Dibromofluoromethane
Concen: 42.034 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048646.D
Acq: 21 Nov 2025 11:15

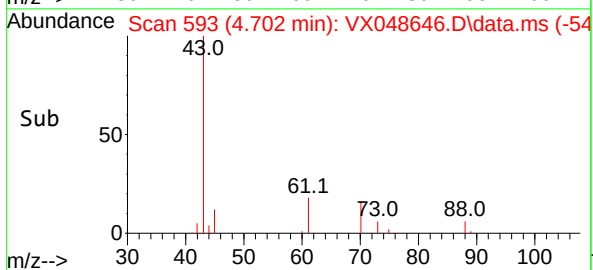
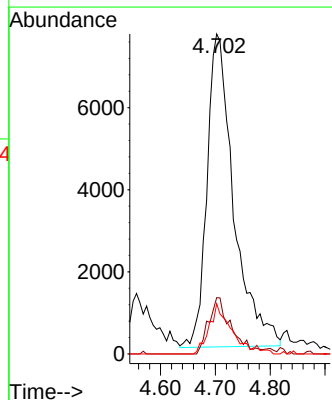
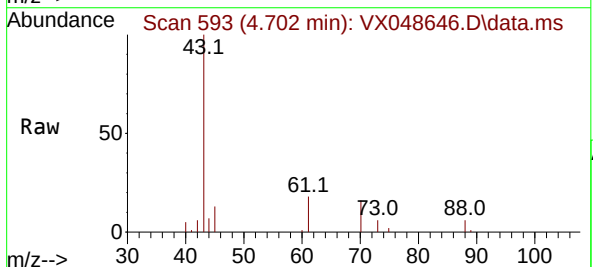
Instrument :
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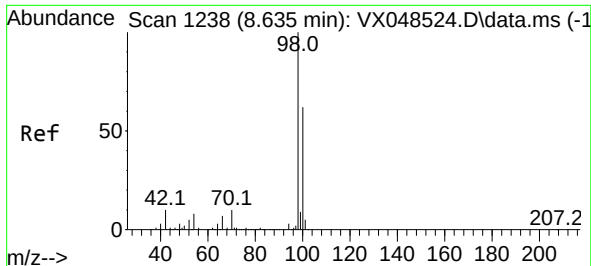
Tgt Ion:113 Resp: 131355
Ion Ratio Lower Upper
113 100
111 100.2 81.9 122.9
192 19.7 15.8 23.6



#37
Ethyl Acetate
Concen: 4.387 ug/l
RT: 4.702 min Scan# 593
Delta R.T. 0.006 min
Lab File: VX048646.D
Acq: 21 Nov 2025 11:15

Tgt Ion: 43 Resp: 25842
Ion Ratio Lower Upper
43 100
61 15.2 9.7 14.5#
70 12.8 7.7 11.5#

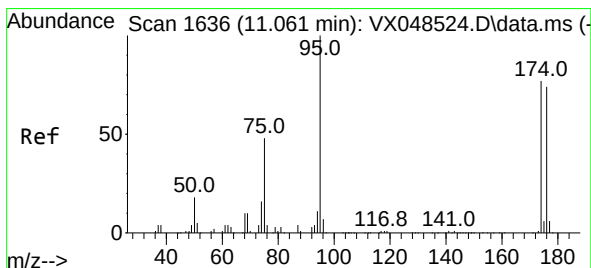
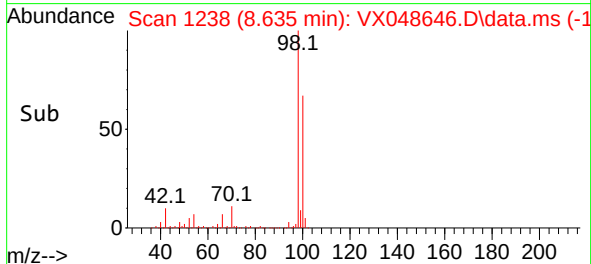
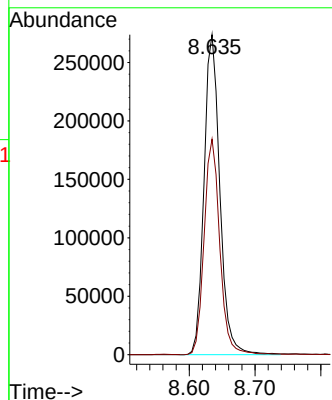
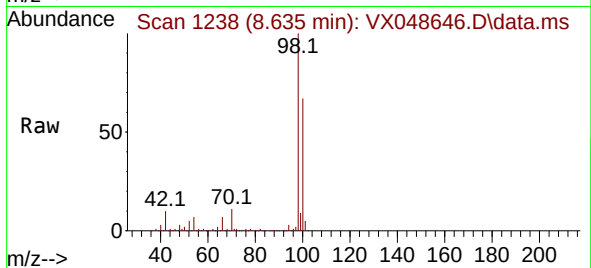




#50
Toluene-d8
Concen: 47.019 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048646.D
Acq: 21 Nov 2025 11:15

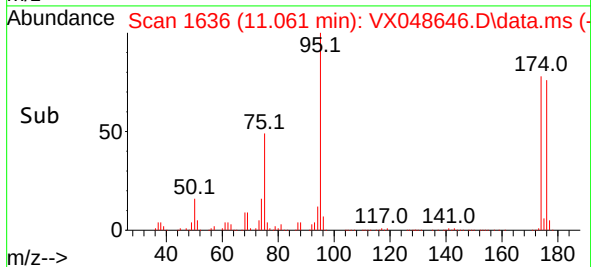
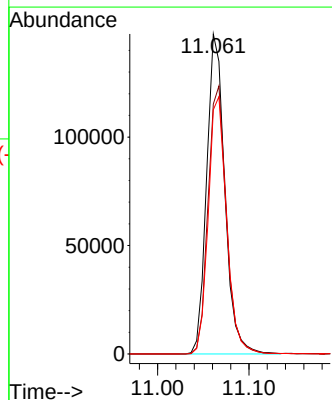
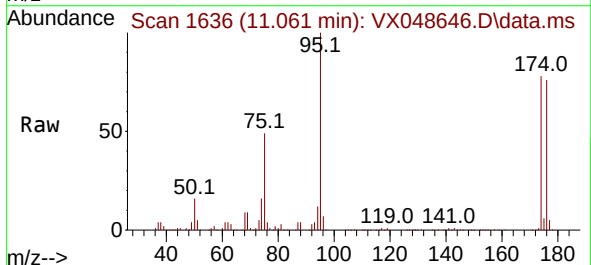
Instrument :
MSVOA_X
ClientSampleId :
4197

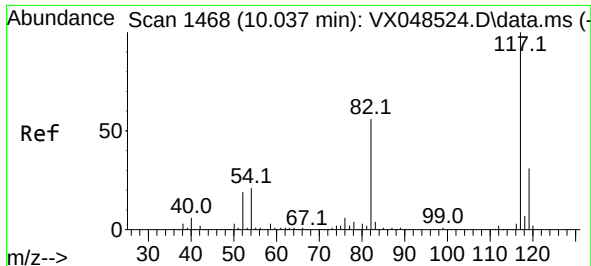
Tgt Ion: 98 Resp: 458258
Ion Ratio Lower Upper
98 100
100 66.7 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 55.853 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048646.D
Acq: 21 Nov 2025 11:15

Tgt Ion: 95 Resp: 202866
Ion Ratio Lower Upper
95 100
174 85.2 0.0 161.8
176 81.8 0.0 153.6

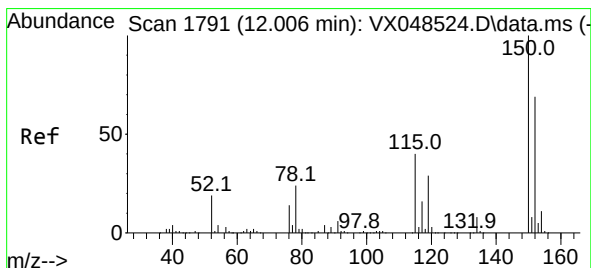
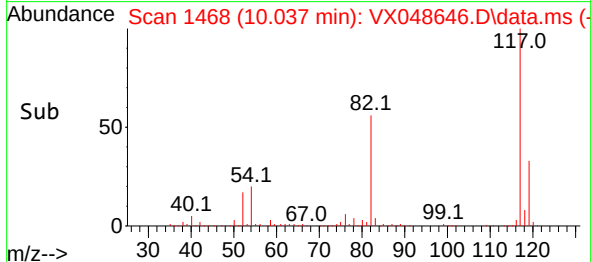
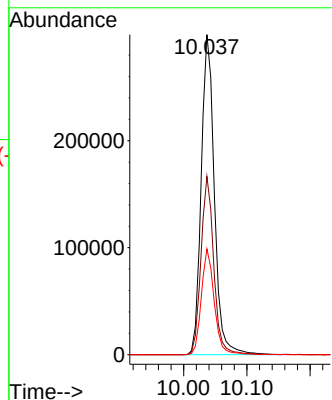
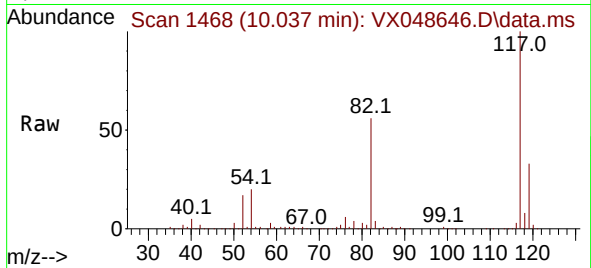




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048646.D
Acq: 21 Nov 2025 11:15

Instrument :
MSVOA_X
ClientSampleId :
4197

Tgt Ion:117 Resp: 433706
Ion Ratio Lower Upper
117 100
82 55.7 44.4 66.6
119 33.0 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048646.D
Acq: 21 Nov 2025 11:15

Tgt Ion:152 Resp: 235699
Ion Ratio Lower Upper
152 100
115 58.7 39.2 117.6
150 156.4 0.0 347.0

