

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
 Data File : VX046646.D
 Acq On : 11 Jun 2025 18:37
 Operator : JC/MD
 Sample : Q2272-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-6

Quant Time: Jun 12 02:35:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

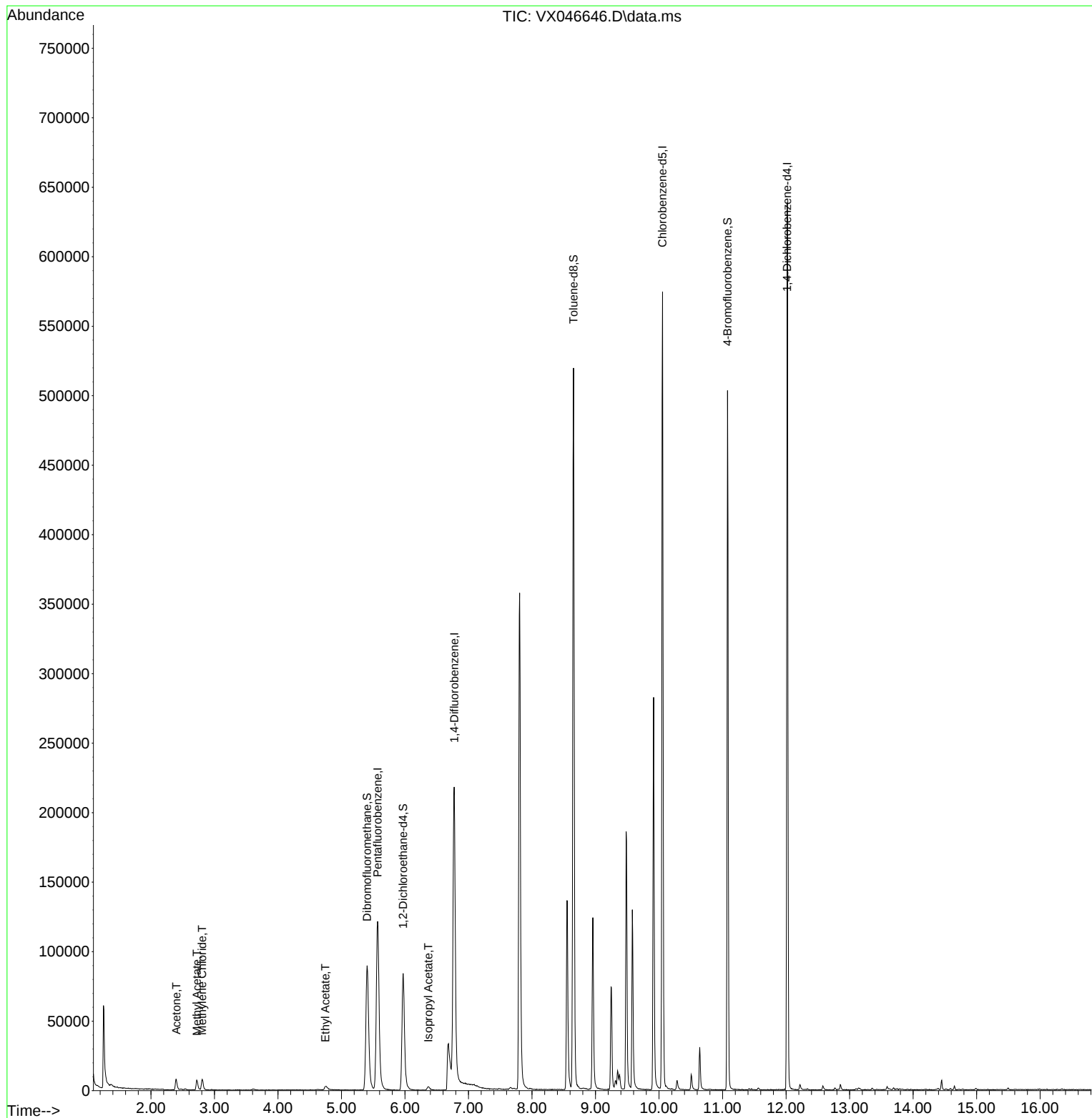
Internal Standards						
1) Pentafluorobenzene	5.568	168	121554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	222182	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	247148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	127824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	88470	40.910	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.820%
35) Dibromofluoromethane	5.403	113	85581	52.378	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.760%
50) Toluene-d8	8.653	98	308290	57.230	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	114.460%#
62) 4-Bromofluorobenzene	11.079	95	130251	58.441	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	116.880%
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	10228	16.417	ug/l	98
18) Methyl Acetate	2.721	43	10126	3.931	ug/l	97
20) Methylene Chloride	2.806	84	3718	2.143	ug/l	94
37) Ethyl Acetate	4.745	43	6662	2.925	ug/l #	94
43) Isopropyl Acetate	6.367	43	4118	1.037	ug/l #	97

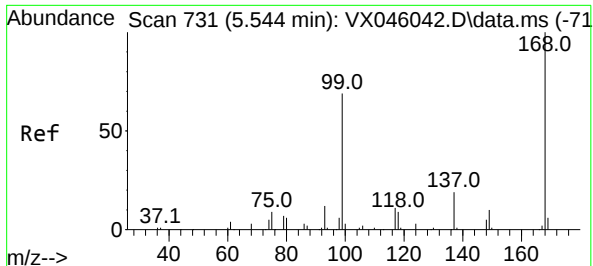
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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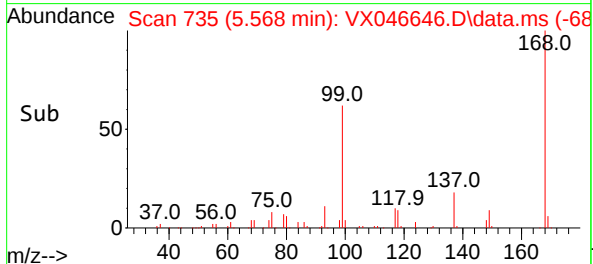
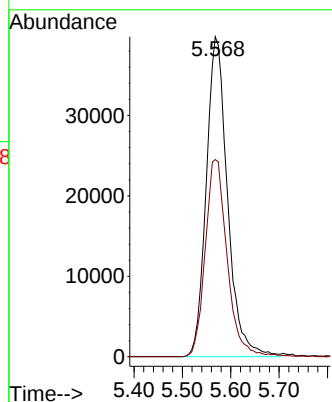
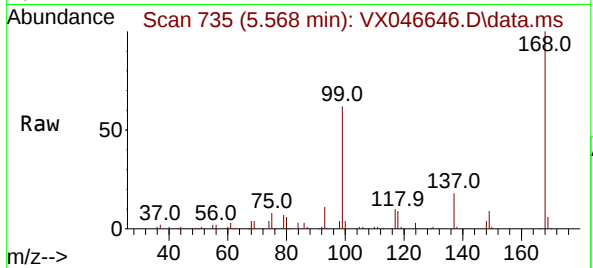




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046646.D
Acq: 11 Jun 2025 18:37

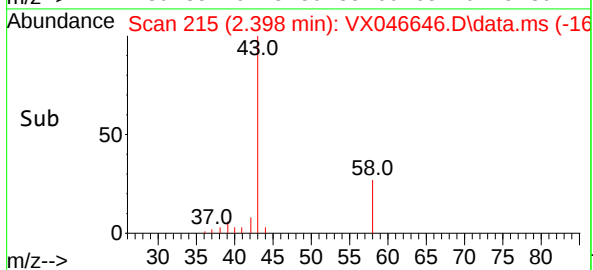
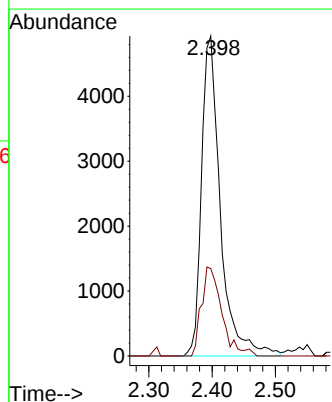
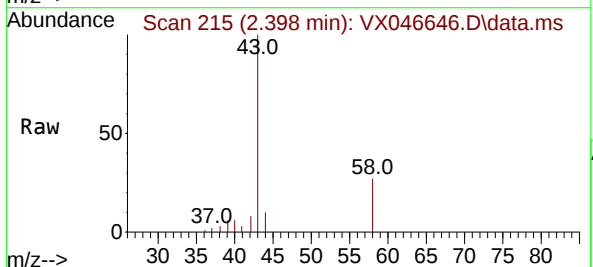
Instrument :
MSVOA_X
ClientSampleId :
TP-6

Tgt Ion:168 Resp: 121554
Ion Ratio Lower Upper
168 100
99 61.6 54.9 82.3



#16
Acetone
Concen: 16.417 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX046646.D
Acq: 11 Jun 2025 18:37

Tgt Ion: 43 Resp: 10228
Ion Ratio Lower Upper
43 100
58 27.3 21.2 31.8

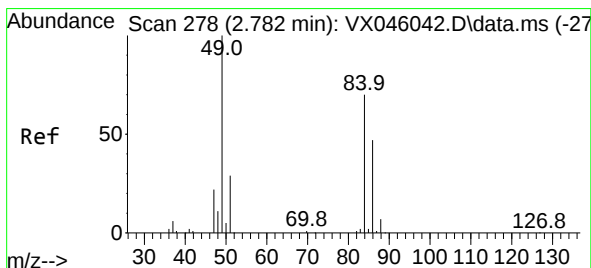
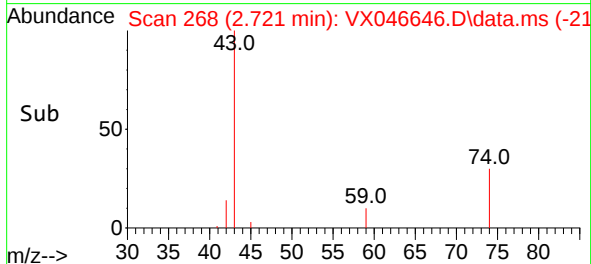
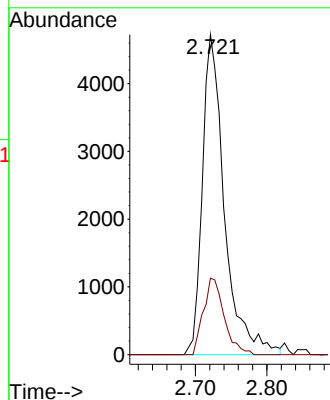
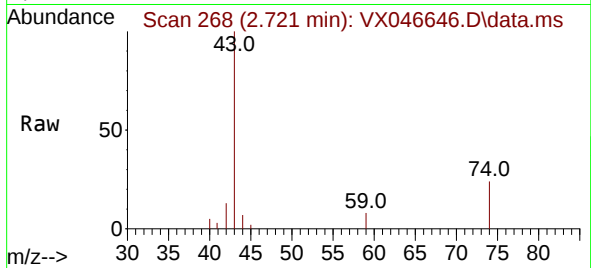




#18
Methyl Acetate
Concen: 3.931 ug/l
RT: 2.721 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX046646.D
Acq: 11 Jun 2025 18:37

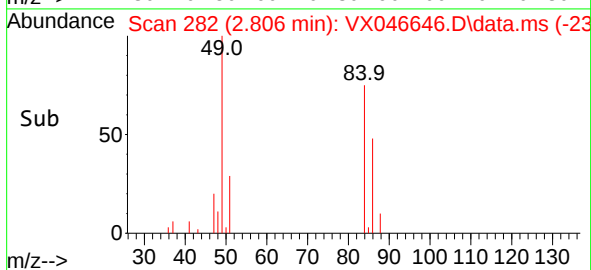
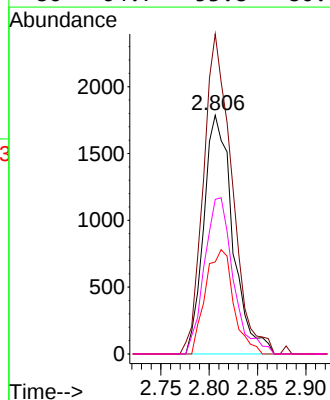
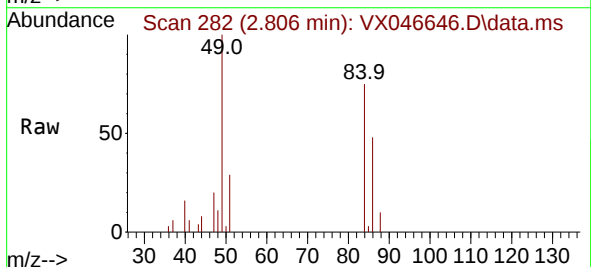
Instrument :
MSVOA_X
ClientSampleId :
TP-6

Tgt Ion: 43 Resp: 10126
Ion Ratio Lower Upper
43 100
74 22.5 16.7 25.1



#20
Methylene Chloride
Concen: 2.143 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX046646.D
Acq: 11 Jun 2025 18:37

Tgt Ion: 84 Resp: 3718
Ion Ratio Lower Upper
84 100
49 134.0 113.9 170.9
51 38.5 33.5 50.3
86 64.7 53.8 80.8





#33

1,2-Dichloroethane-d4

Concen: 40.910 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.000 min

Lab File: VX046646.D

Acq: 11 Jun 2025 18:37

Instrument :

MSVOA_X

ClientSampleId :

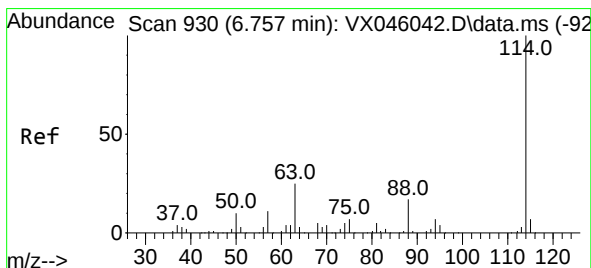
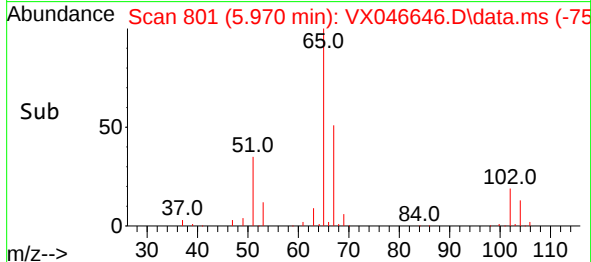
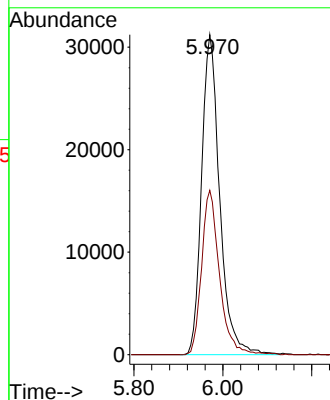
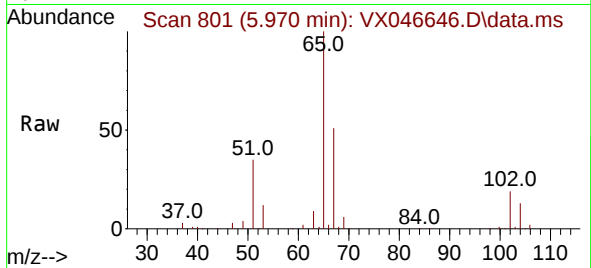
TP-6

Tgt Ion: 65 Resp: 88470

Ion Ratio Lower Upper

65 100

67 50.9 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.775 min Scan# 933

Delta R.T. 0.000 min

Lab File: VX046646.D

Acq: 11 Jun 2025 18:37

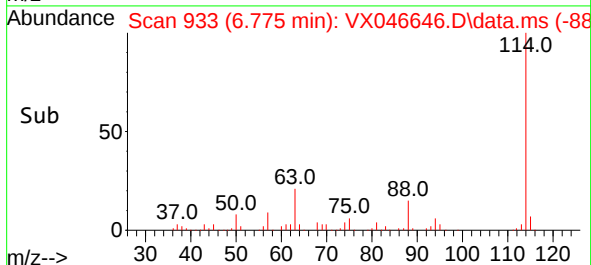
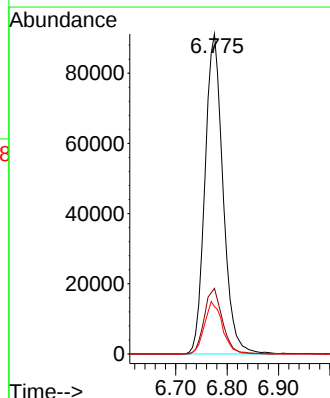
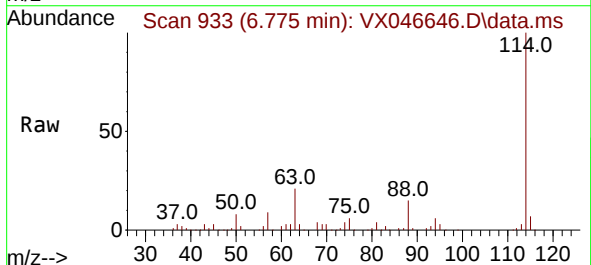
Tgt Ion: 114 Resp: 222182

Ion Ratio Lower Upper

114 100

63 20.5 0.0 49.2

88 14.8 0.0 33.6

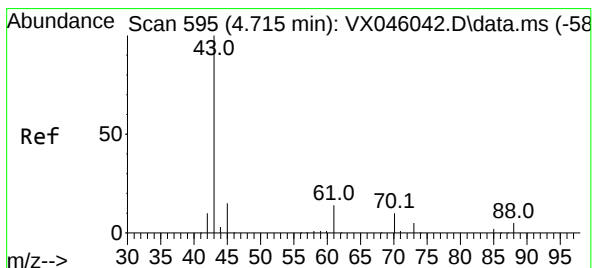
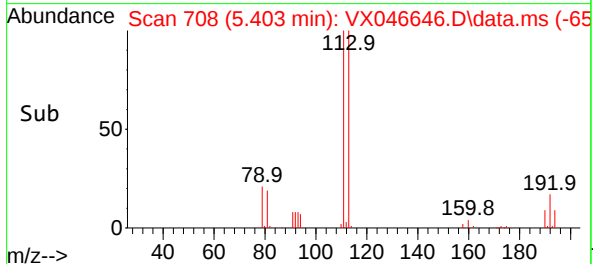
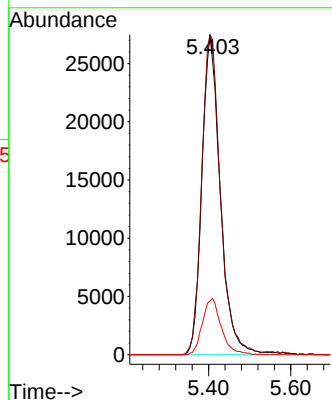
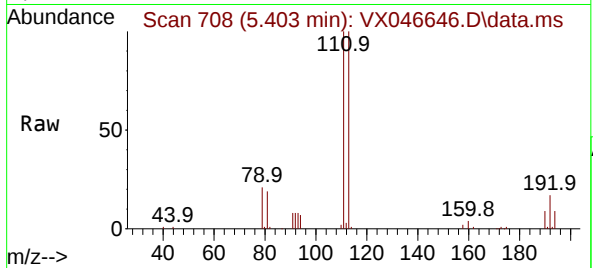




#35
Dibromofluoromethane
Concen: 52.378 ug/l
RT: 5.403 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046646.D
Acq: 11 Jun 2025 18:37

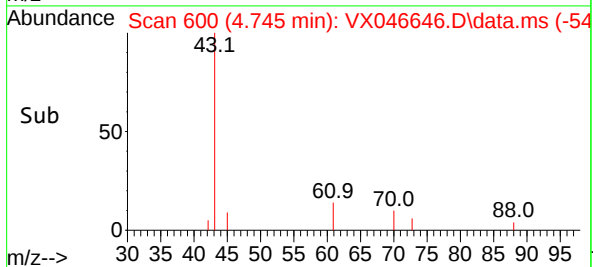
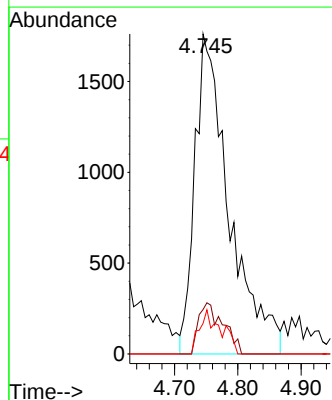
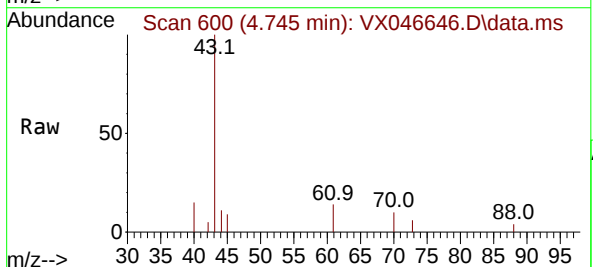
Instrument :
MSVOA_X
ClientSampleId :
TP-6

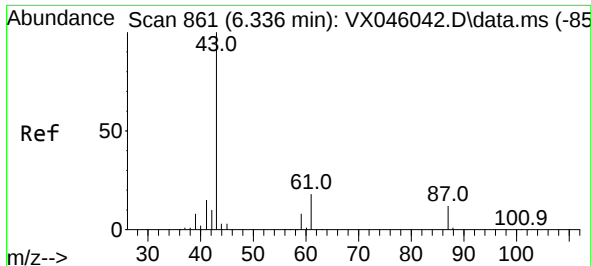
Tgt Ion:113 Resp: 85581
Ion Ratio Lower Upper
113 100
111 101.7 83.1 124.7
192 17.9 13.3 19.9



#37
Ethyl Acetate
Concen: 2.925 ug/l
RT: 4.745 min Scan# 600
Delta R.T. 0.012 min
Lab File: VX046646.D
Acq: 11 Jun 2025 18:37

Tgt Ion: 43 Resp: 6662
Ion Ratio Lower Upper
43 100
61 11.5 10.3 15.5
70 6.8 7.9 11.9#

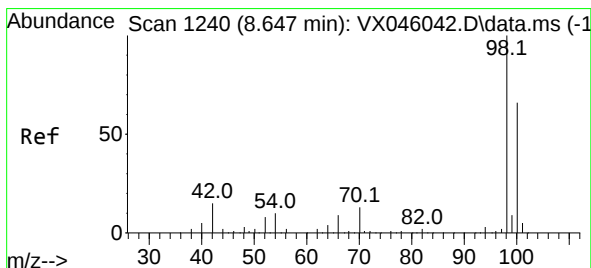
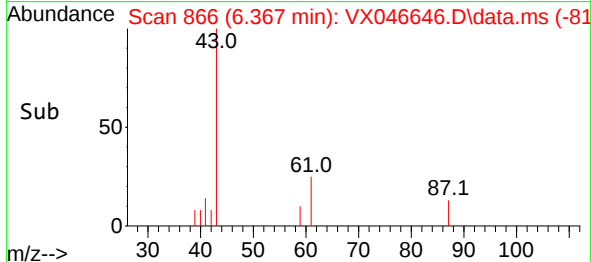
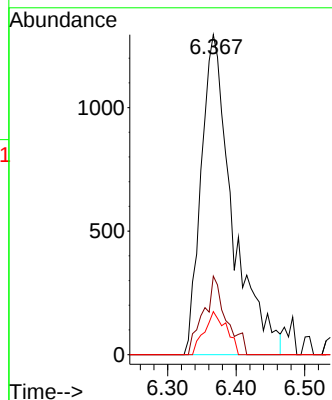
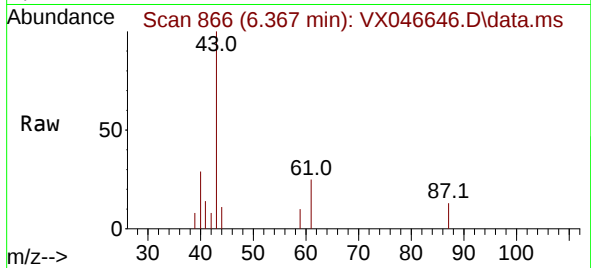




#43
Isopropyl Acetate
Concen: 1.037 ug/l
RT: 6.367 min Scan# 866
Delta R.T. 0.013 min
Lab File: VX046646.D
Acq: 11 Jun 2025 18:37

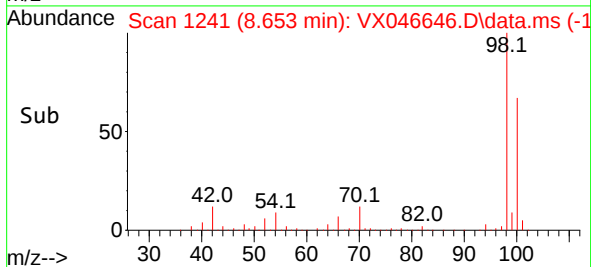
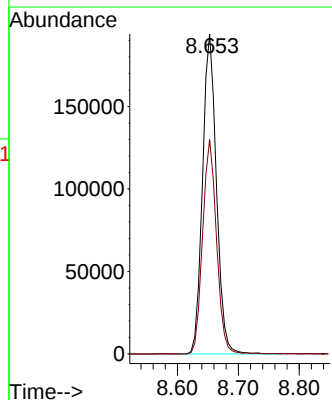
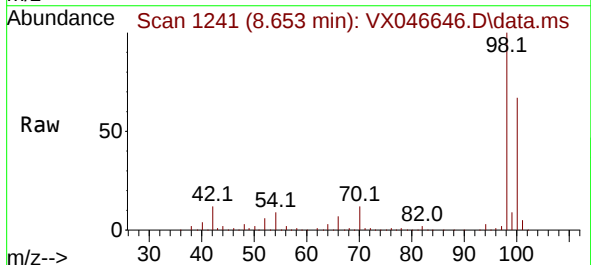
Instrument :
MSVOA_X
ClientSampleId :
TP-6

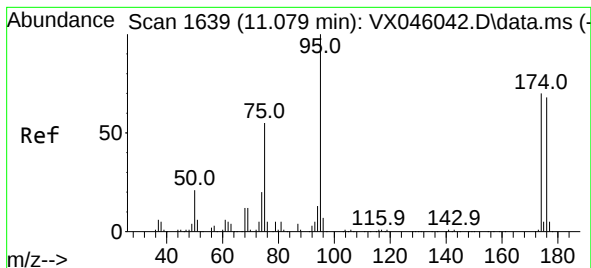
Tgt Ion: 43 Resp: 4118
Ion Ratio Lower Upper
43 100
61 17.7 14.3 21.5
87 9.4 9.5 14.3#



#50
Toluene-d8
Concen: 57.230 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046646.D
Acq: 11 Jun 2025 18:37

Tgt Ion: 98 Resp: 308290
Ion Ratio Lower Upper
98 100
100 67.0 53.5 80.3

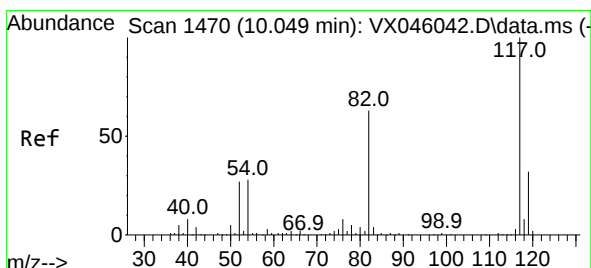
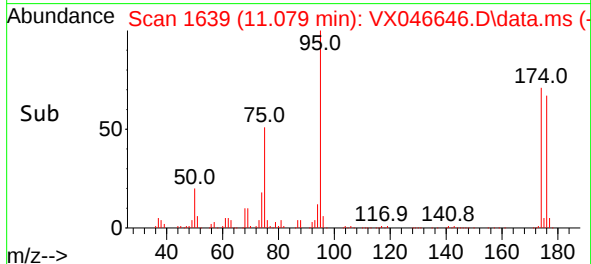
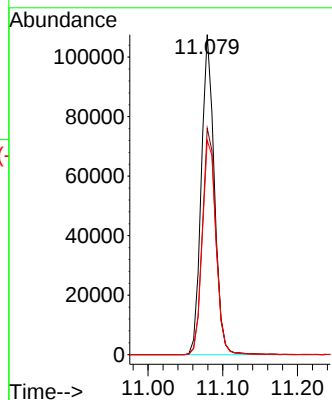
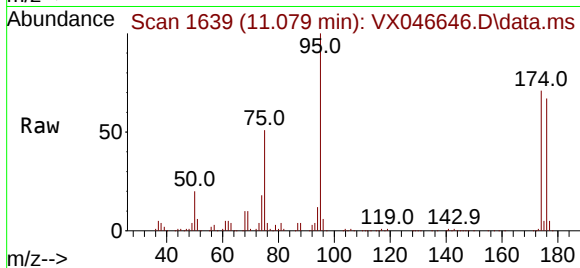




#62
4-Bromofluorobenzene
Concen: 58.441 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046646.D
Acq: 11 Jun 2025 18:37

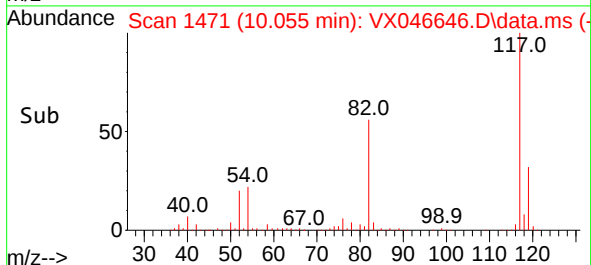
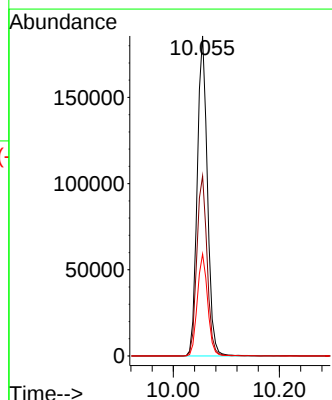
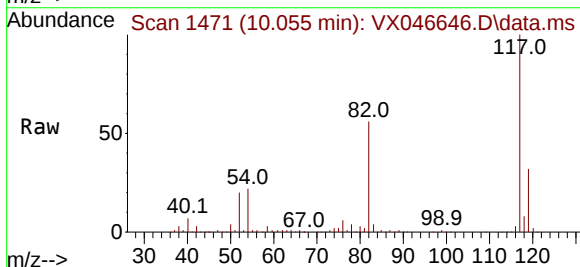
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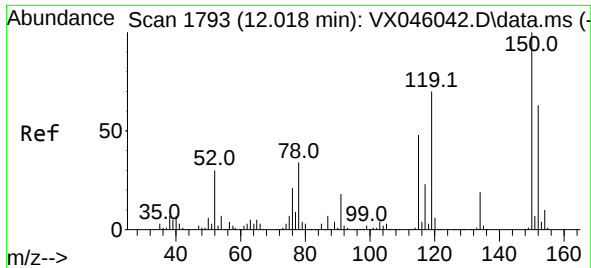
Tgt Ion: 95 Resp: 130251
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.8
176 70.8 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046646.D
Acq: 11 Jun 2025 18:37

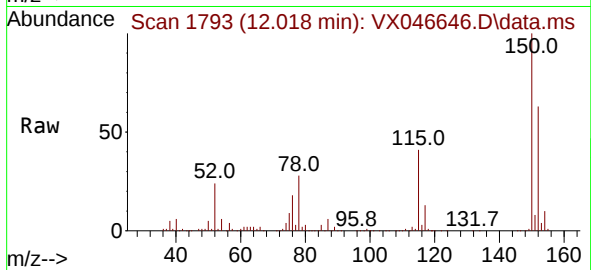
Tgt Ion: 117 Resp: 247148
Ion Ratio Lower Upper
117 100
82 56.2 50.6 76.0
119 31.8 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX046646.D
 Acq: 11 Jun 2025 18:37

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-6



Tgt Ion:152 Resp: 127824
 Ion Ratio Lower Upper
 152 100
 115 62.5 46.9 140.7
 150 157.8 0.0 351.0

