

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046948.D
 Acq On : 10 Jul 2025 16:30
 Operator : JC/MD
 Sample : Q2517-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-14

Quant Time: Jul 11 01:33:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

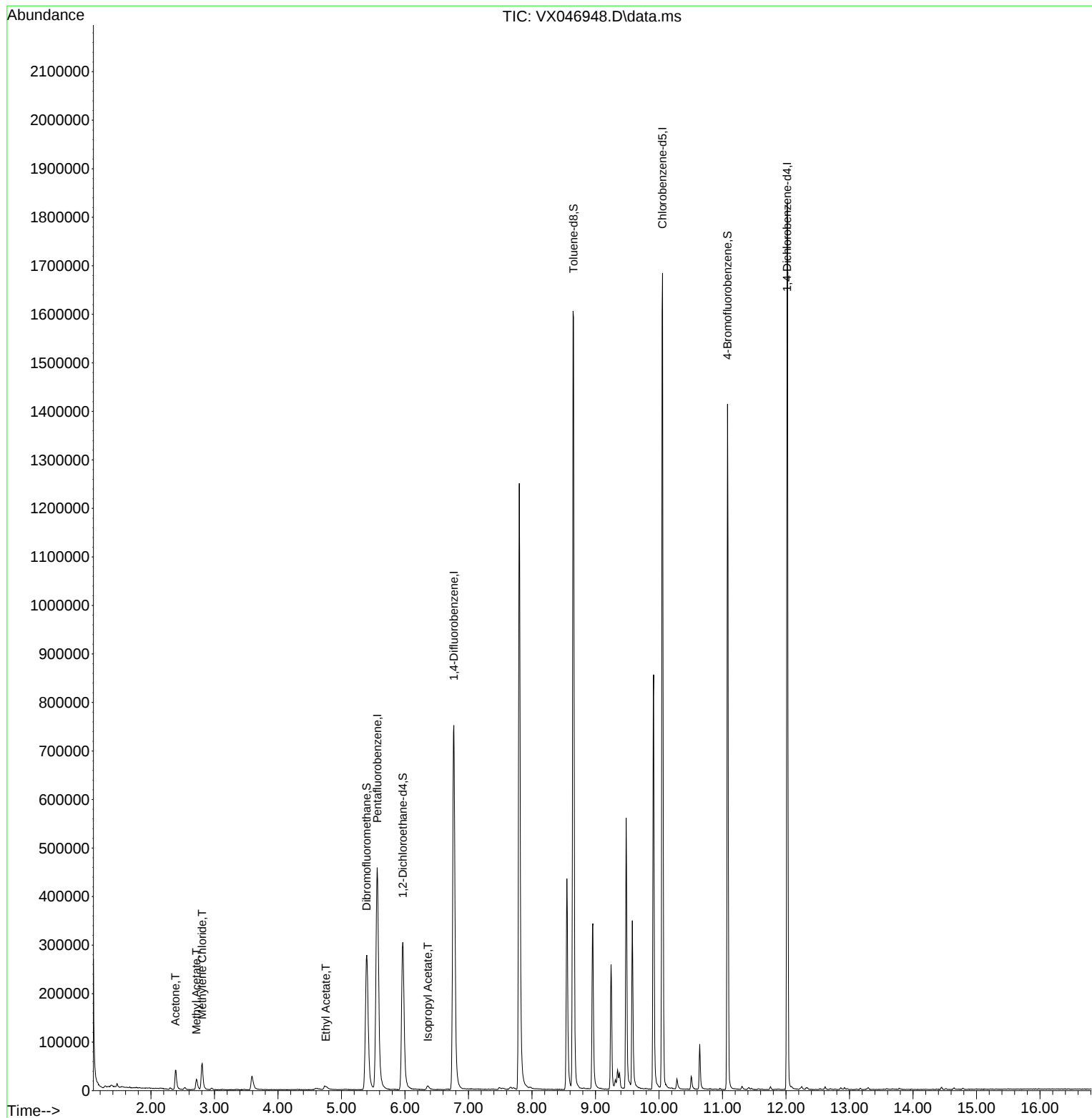
Internal Standards						
1) Pentafluorobenzene	5.562	168	467382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	825331	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	753461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	369959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.965	65	317897	51.485	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.960%
35) Dibromofluoromethane	5.398	113	268539	47.933	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.860%
50) Toluene-d8	8.653	98	989311	50.050	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.100%
62) 4-Bromofluorobenzene	11.079	95	376225	50.081	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.160%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	50520	26.341	ug/l	96
18) Methyl Acetate	2.715	43	32589	6.447	ug/l	98
20) Methylene Chloride	2.807	84	26797	4.725	ug/l	99
37) Ethyl Acetate	4.751	43	19455	3.022	ug/l #	86
43) Isopropyl Acetate	6.361	43	13136	1.332	ug/l #	89

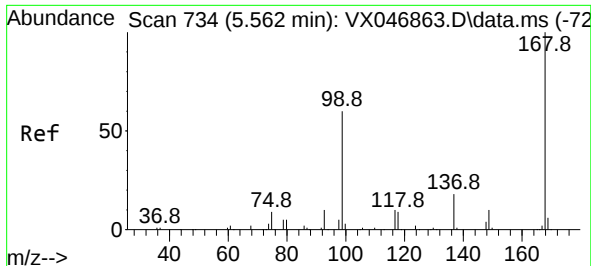
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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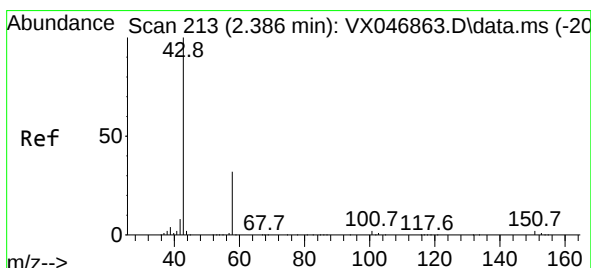
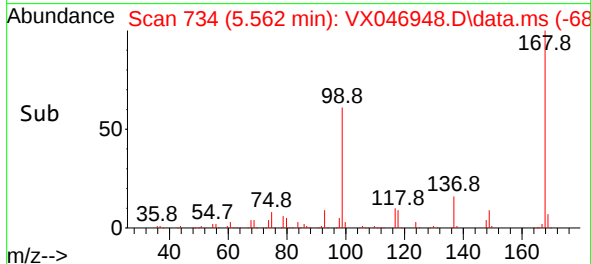
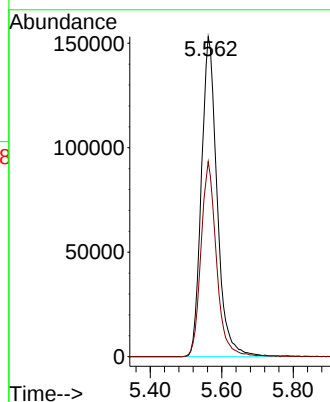
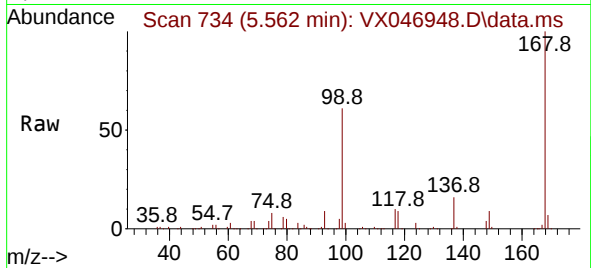




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

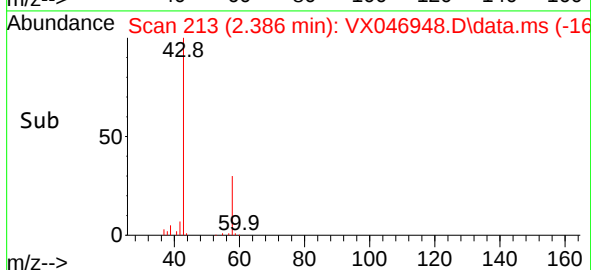
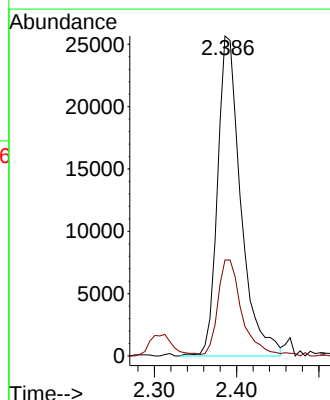
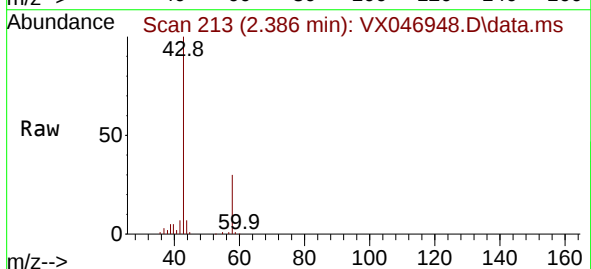
Instrument :
MSVOA_X
ClientSampleId :
TP-14

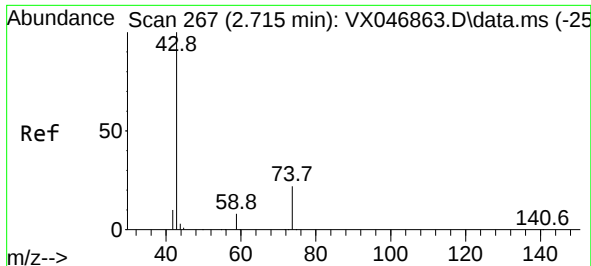
Tgt Ion:168 Resp: 467382
Ion Ratio Lower Upper
168 100
99 61.0 48.8 73.2



#16
Acetone
Concen: 26.341 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

Tgt Ion: 43 Resp: 50520
Ion Ratio Lower Upper
43 100
58 30.2 25.8 38.6

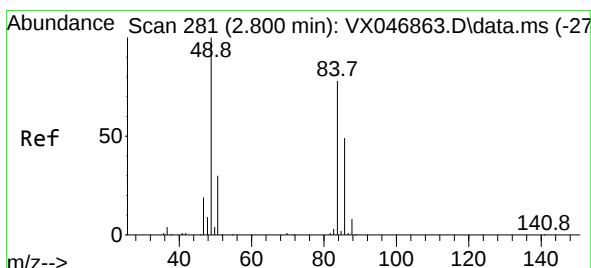
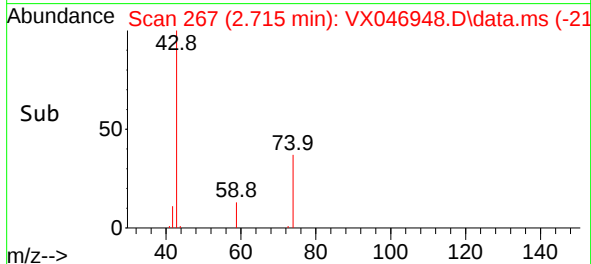
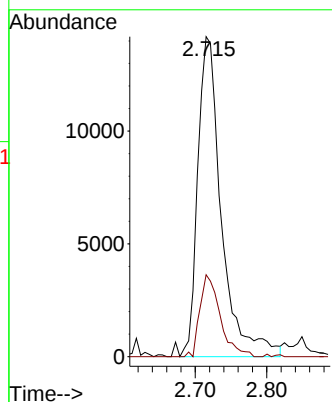
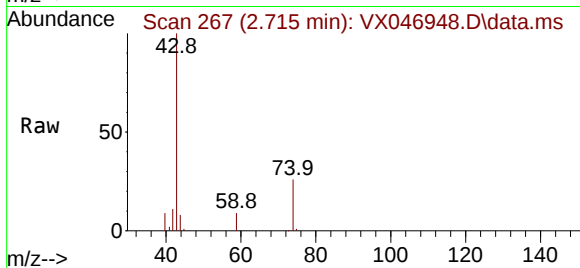




#18
Methyl Acetate
Concen: 6.447 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

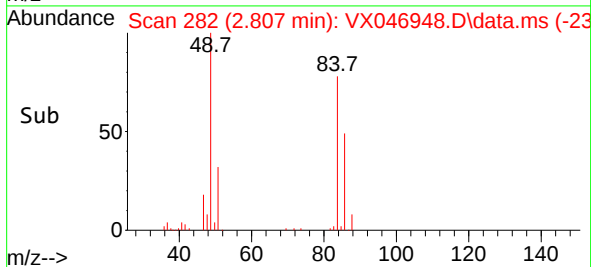
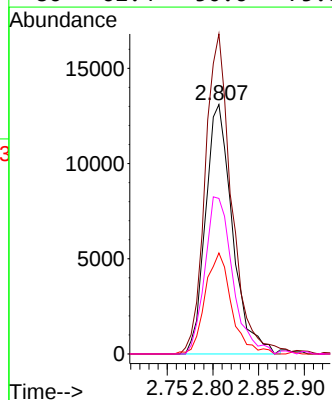
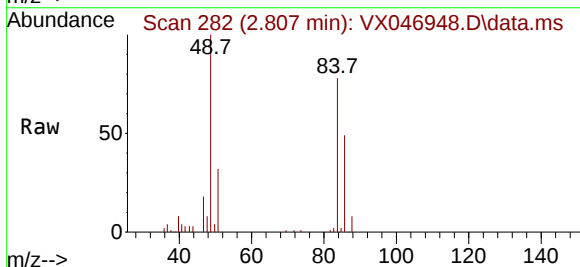
Instrument :
MSVOA_X
ClientSampleId :
TP-14

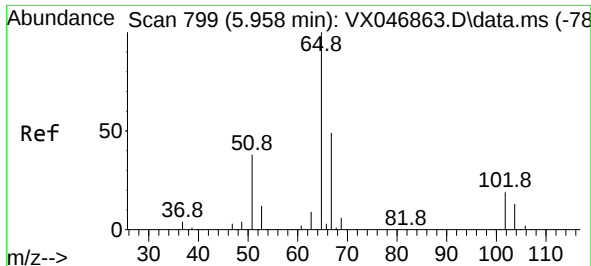
Tgt Ion: 43 Resp: 32589
Ion Ratio Lower Upper
43 100
74 21.9 18.3 27.5



#20
Methylene Chloride
Concen: 4.725 ug/l
RT: 2.807 min Scan# 282
Delta R.T. 0.006 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

Tgt Ion: 84 Resp: 26797
Ion Ratio Lower Upper
84 100
49 128.3 102.8 154.2
51 40.5 31.1 46.7
86 62.4 50.6 75.8

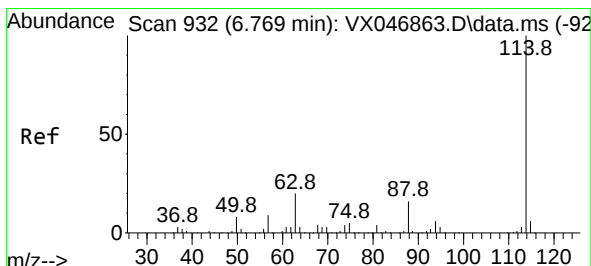
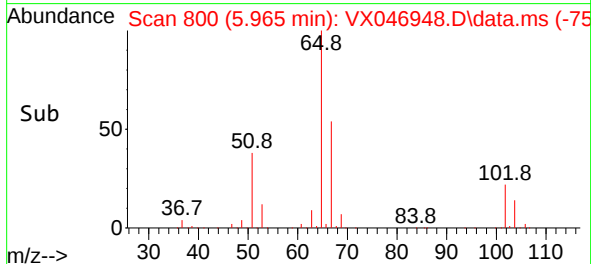
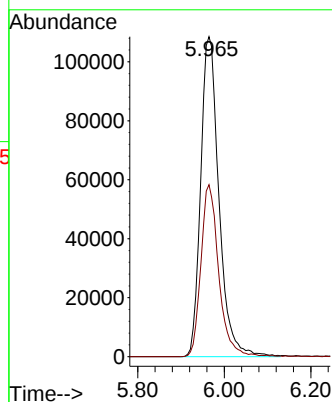
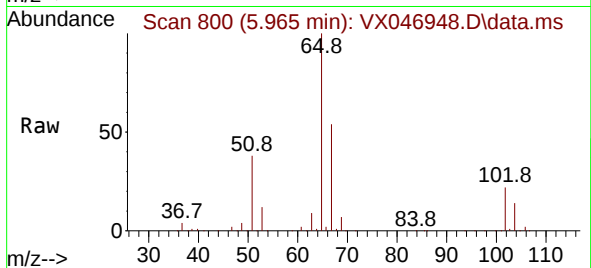




#33
 1,2-Dichloroethane-d4
 Concen: 51.485 ug/l
 RT: 5.965 min Scan# 800
 Delta R.T. 0.006 min
 Lab File: VX046948.D
 Acq: 10 Jul 2025 16:30

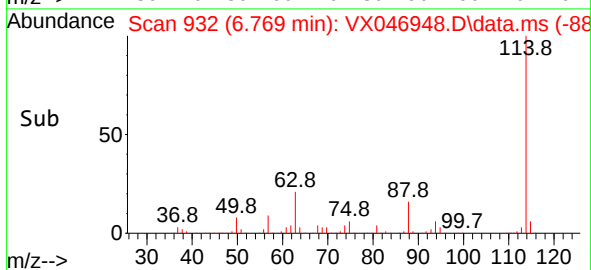
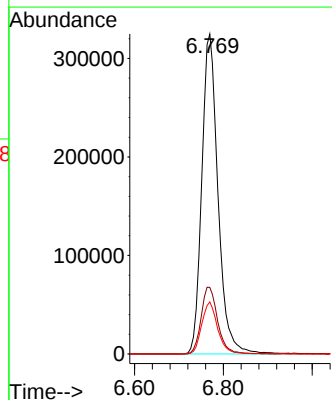
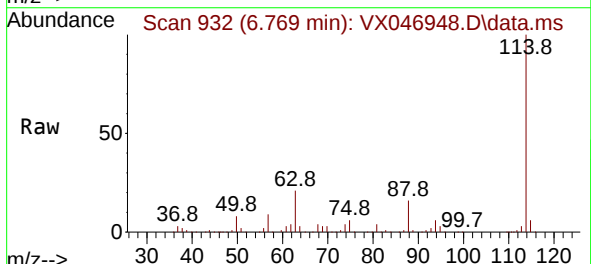
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-14

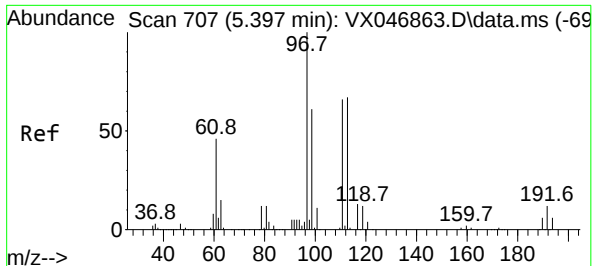
Tgt Ion: 65 Resp: 317897
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX046948.D
 Acq: 10 Jul 2025 16:30

Tgt Ion: 114 Resp: 825331
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.4
 88 16.2 0.0 31.0

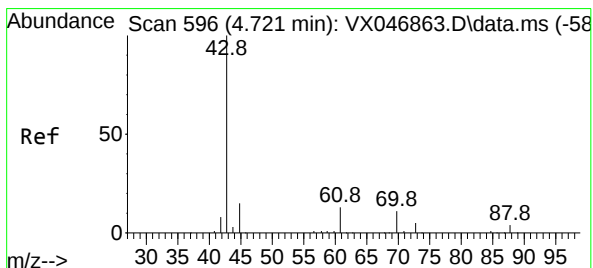
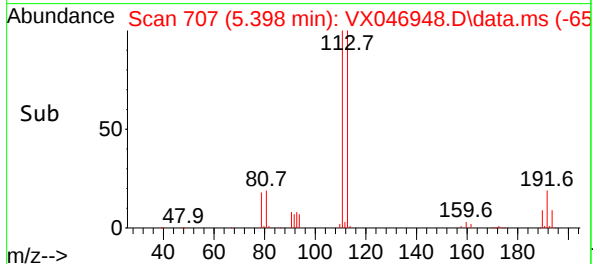
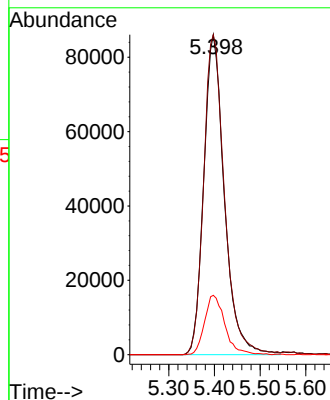
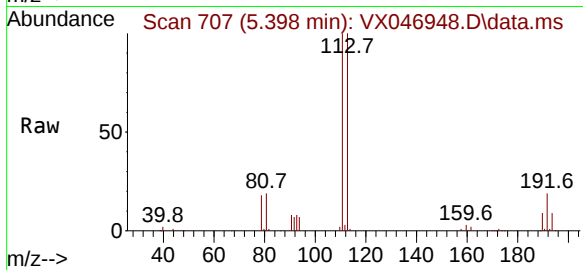




#35
Dibromofluoromethane
Concen: 47.933 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

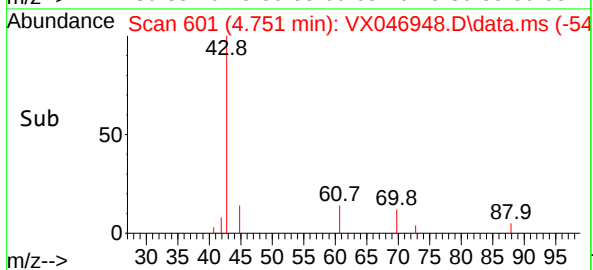
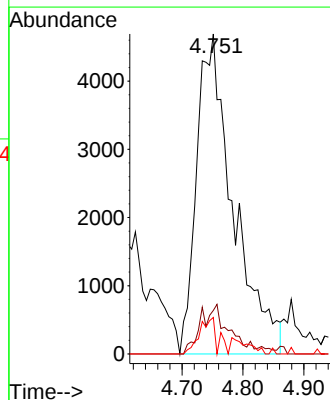
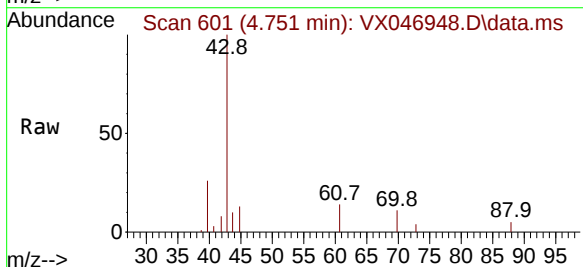
Instrument :
MSVOA_X
ClientSampleId :
TP-14

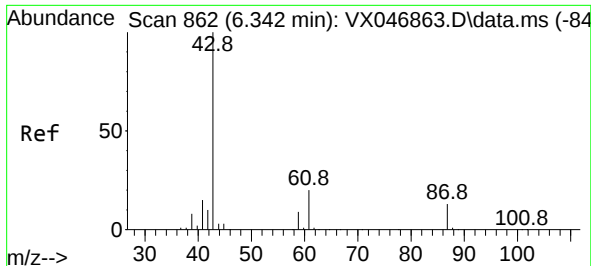
Tgt Ion:113 Resp: 268539
Ion Ratio Lower Upper
113 100
111 101.3 81.2 121.8
192 18.4 15.3 22.9



#37
Ethyl Acetate
Concen: 3.022 ug/l
RT: 4.751 min Scan# 601
Delta R.T. 0.031 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

Tgt Ion: 43 Resp: 19455
Ion Ratio Lower Upper
43 100
61 6.4 9.7 14.5#
70 5.6 8.3 12.5#

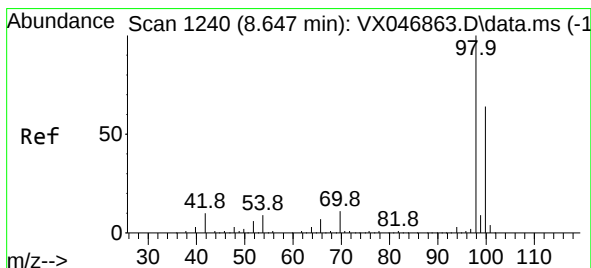
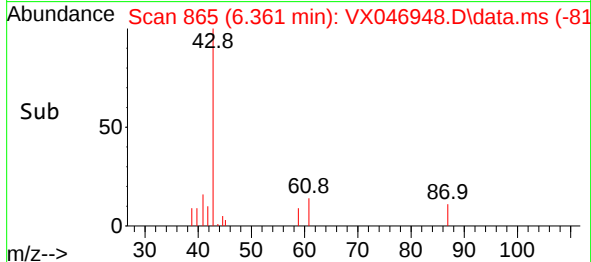
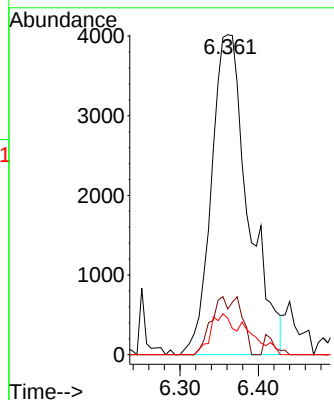
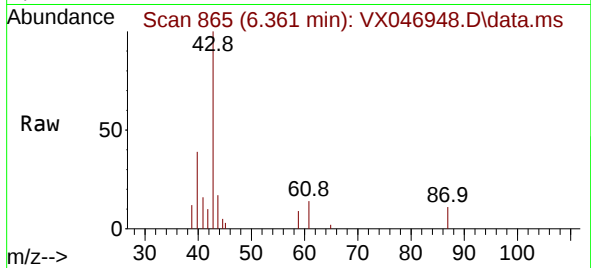




#43
Isopropyl Acetate
Concen: 1.332 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.018 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

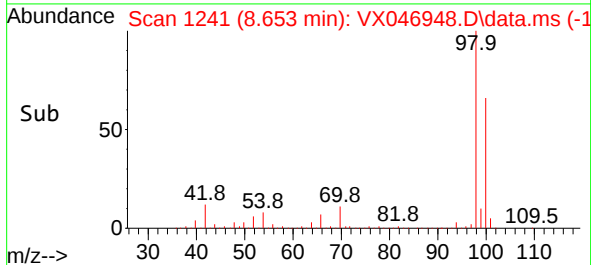
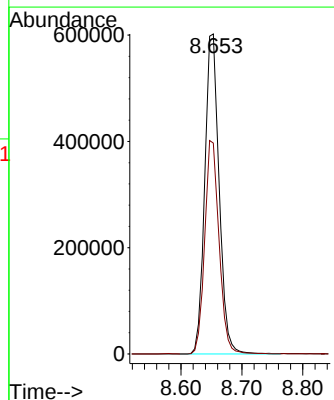
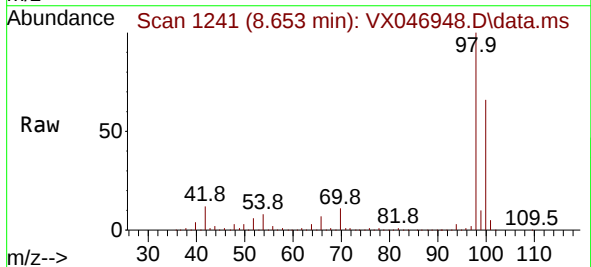
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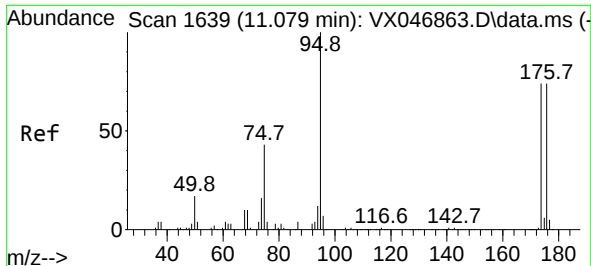
Tgt Ion: 43 Resp: 13136
Ion Ratio Lower Upper
43 100
61 14.6 15.7 23.5#
87 7.9 10.1 15.1#



#50
Toluene-d8
Concen: 50.050 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

Tgt Ion: 98 Resp: 989311
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.6

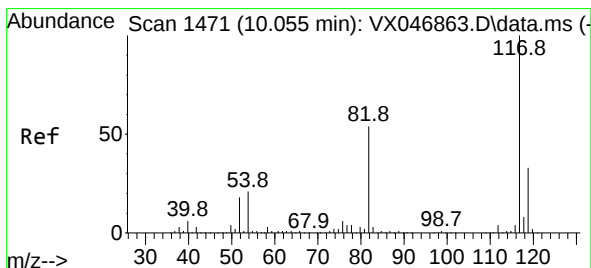
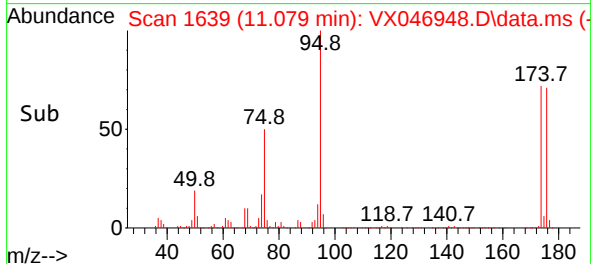
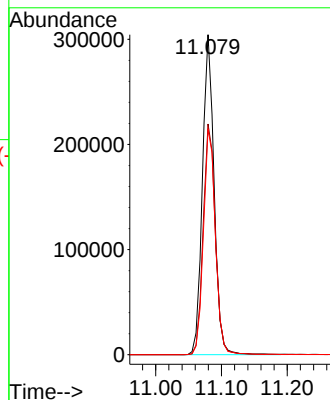
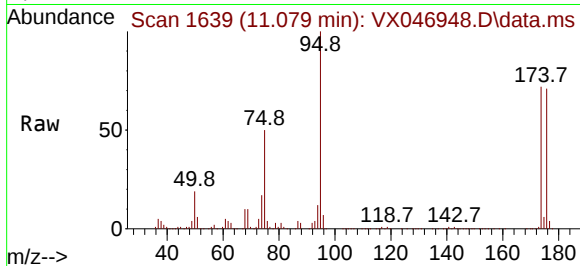




#62
4-Bromofluorobenzene
Concen: 50.081 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

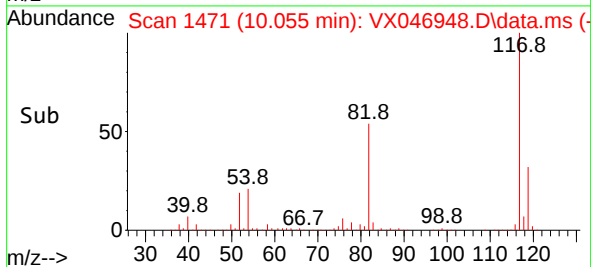
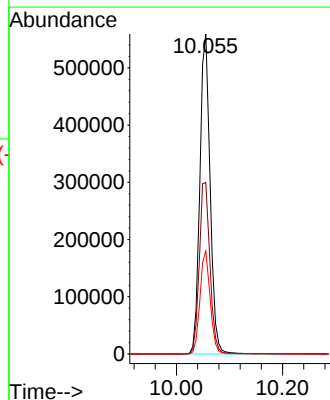
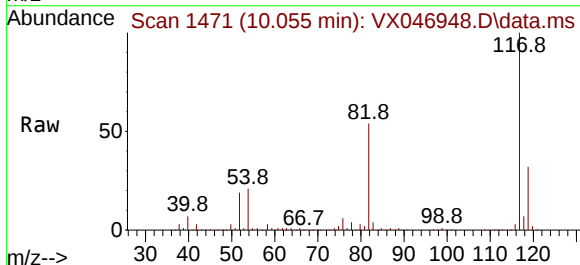
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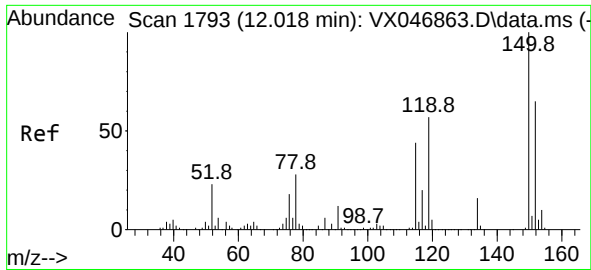
Tgt Ion: 95 Resp: 376225
Ion Ratio Lower Upper
95 100
174 75.1 0.0 152.0
176 72.3 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

Tgt Ion: 117 Resp: 753461
Ion Ratio Lower Upper
117 100
82 53.5 43.3 64.9
119 32.2 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX046948.D

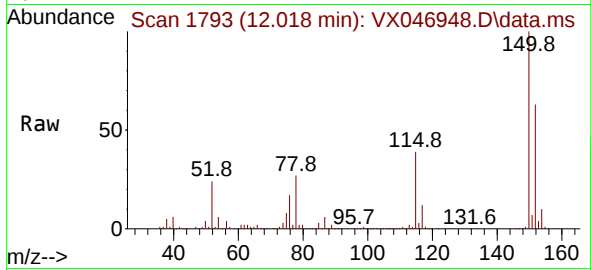
Acq: 10 Jul 2025 16:30

Instrument :

MSVOA_X

ClientSampleId :

TP-14



Tgt Ion:152 Resp: 369959

Ion Ratio Lower Upper

152 100

115 61.5 42.4 127.1

150 158.3 0.0 349.2

