

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060325\
 Data File : VX046480.D
 Acq On : 03 Jun 2025 18:04
 Operator : JC/MD
 Sample : Q2172-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP06-MHQ

Quant Time: Jun 04 01:31:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

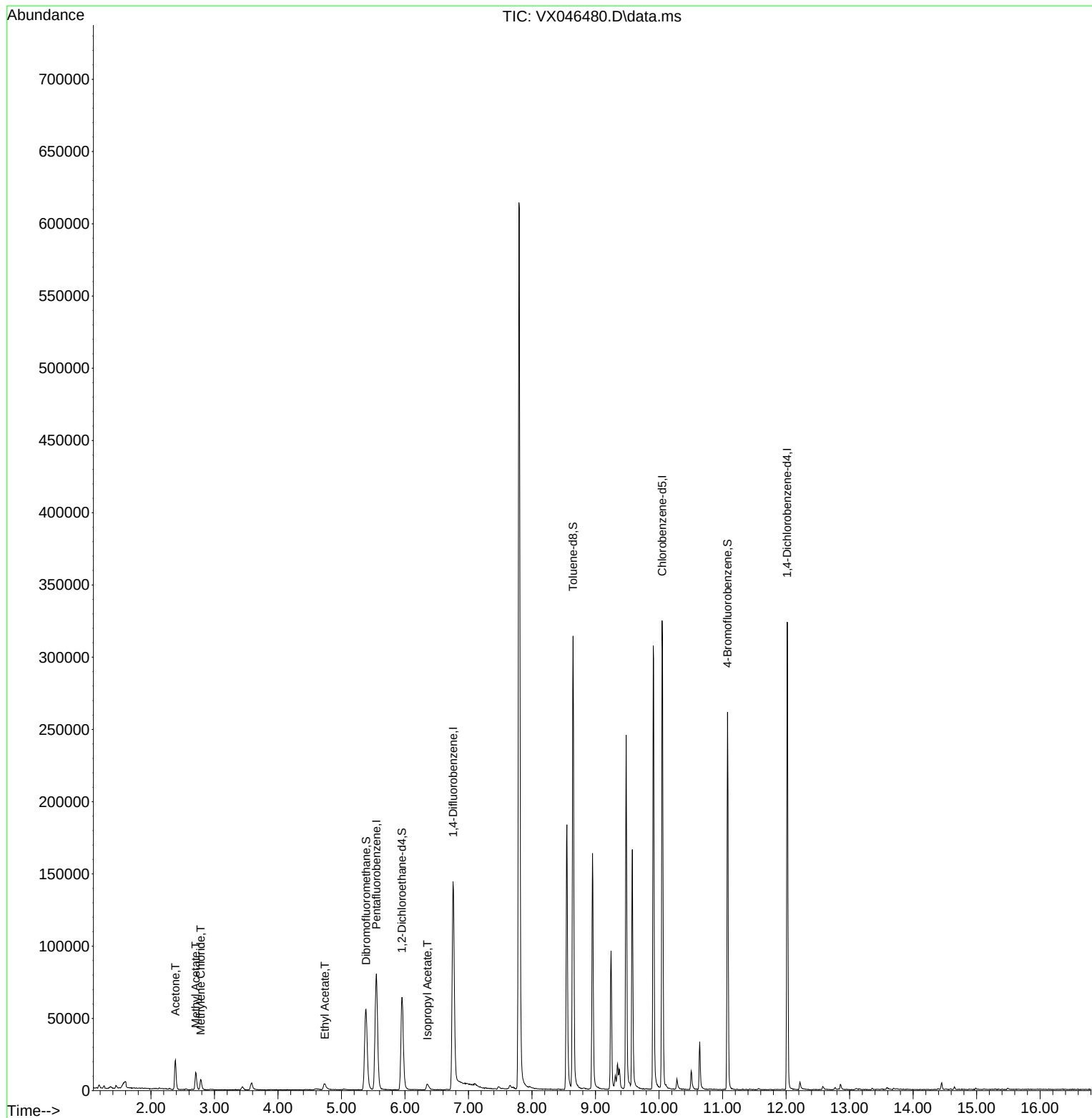
Internal Standards						
1) Pentafluorobenzene	5.550	168	68587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135774	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	132091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67090	52.468	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.940%	
35) Dibromofluoromethane	5.385	113	49083	50.202	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.400%	
50) Toluene-d8	8.647	98	173377	51.234	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.460%	
62) 4-Bromofluorobenzene	11.079	95	69659	53.664	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.320%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	23225	45.300	ug/l	96
18) Methyl Acetate	2.703	43	15455	12.991	ug/l	100
20) Methylene Chloride	2.782	84	3178	3.235	ug/l	97
37) Ethyl Acetate	4.739	43	7924	4.882	ug/l #	96
43) Isopropyl Acetate	6.355	43	6619	2.673	ug/l #	96

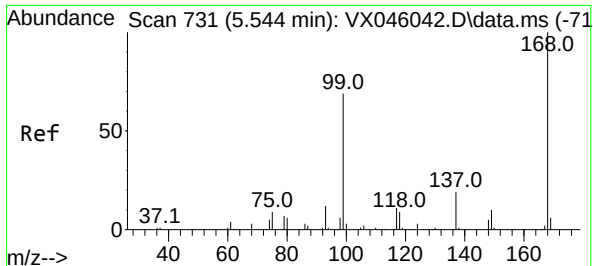
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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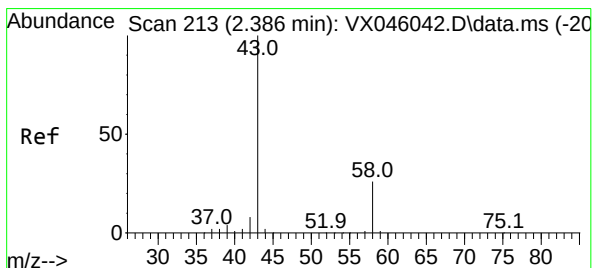
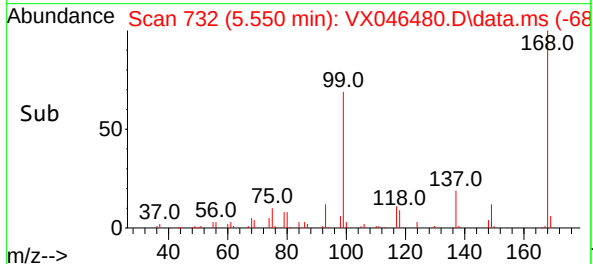
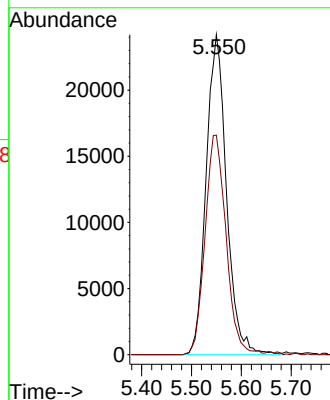
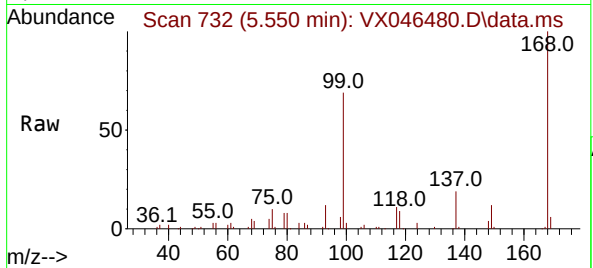




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046480.D
Acq: 03 Jun 2025 18:04

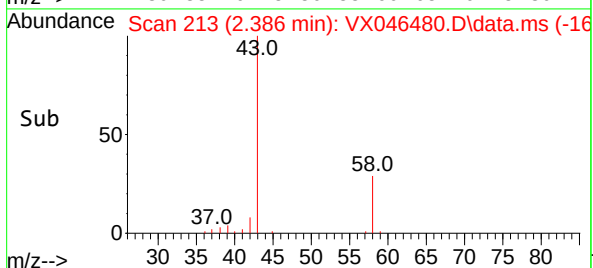
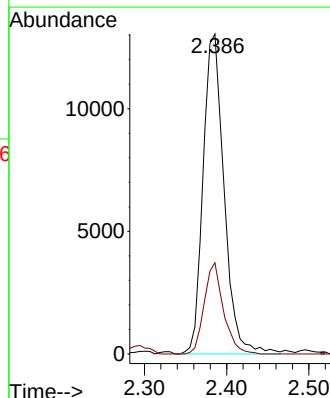
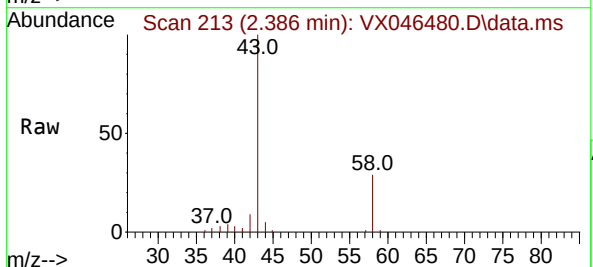
Instrument :
MSVOA_X
ClientSampleId :
TP06-MHQ

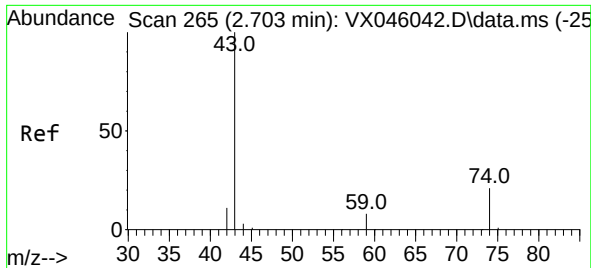
Tgt Ion:168 Resp: 68587
Ion Ratio Lower Upper
168 100
99 68.6 54.9 82.3



#16
Acetone
Concen: 45.300 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046480.D
Acq: 03 Jun 2025 18:04

Tgt Ion: 43 Resp: 23225
Ion Ratio Lower Upper
43 100
58 28.5 21.2 31.8

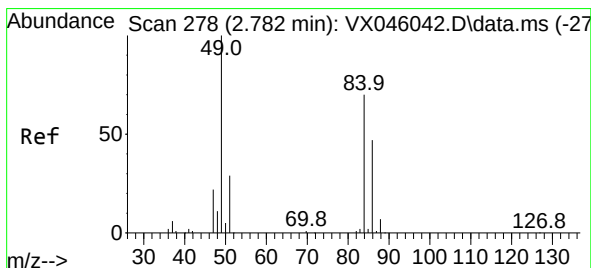
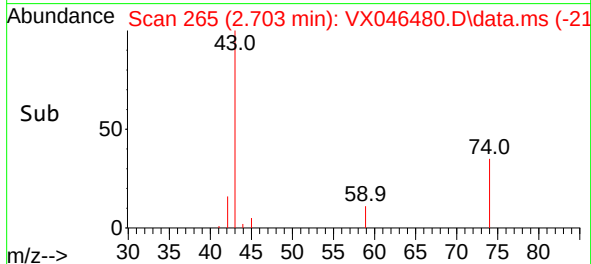
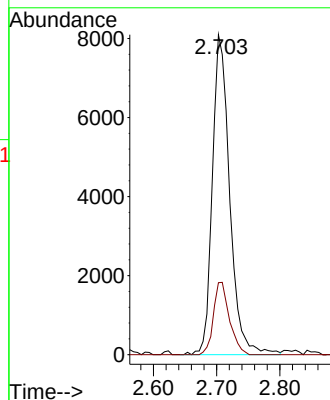
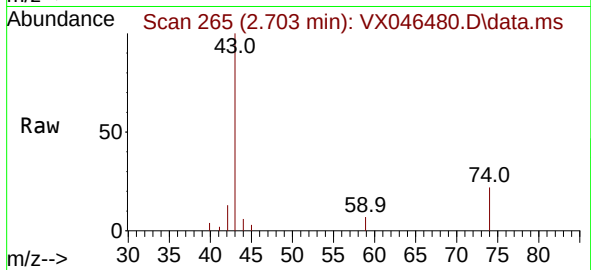




#18
Methyl Acetate
Concen: 12.991 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX046480.D
Acq: 03 Jun 2025 18:04

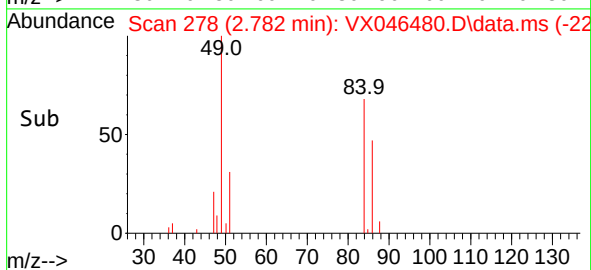
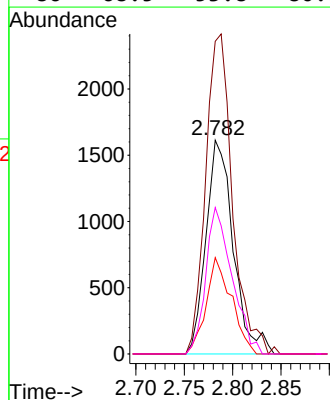
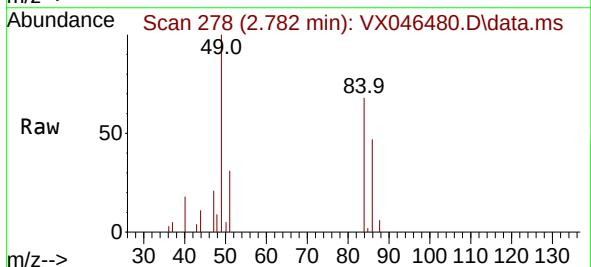
Instrument :
MSVOA_X
ClientSampleId :
TP06-MHQ

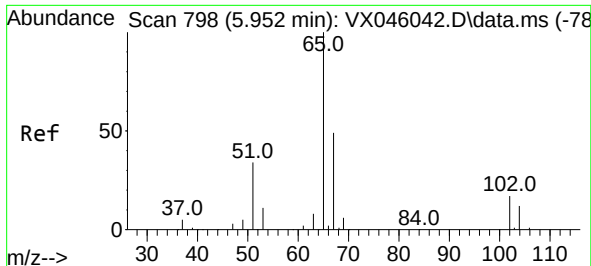
Tgt Ion: 43 Resp: 15455
Ion Ratio Lower Upper
43 100
74 20.8 16.7 25.1



#20
Methylene Chloride
Concen: 3.235 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046480.D
Acq: 03 Jun 2025 18:04

Tgt Ion: 84 Resp: 3178
Ion Ratio Lower Upper
84 100
49 146.3 113.9 170.9
51 45.1 33.5 50.3
86 68.5 53.8 80.8

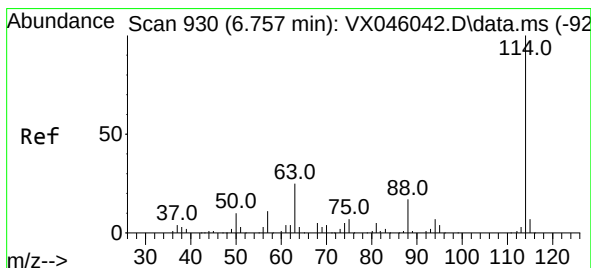
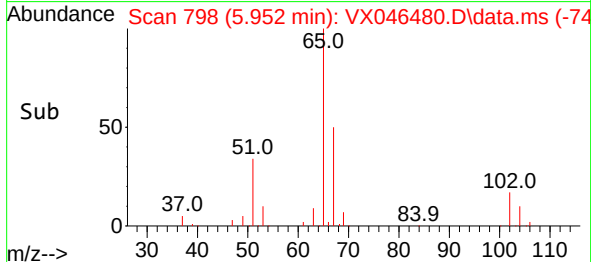
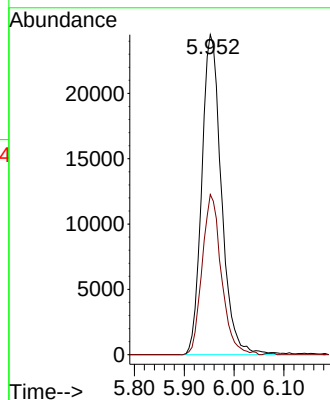
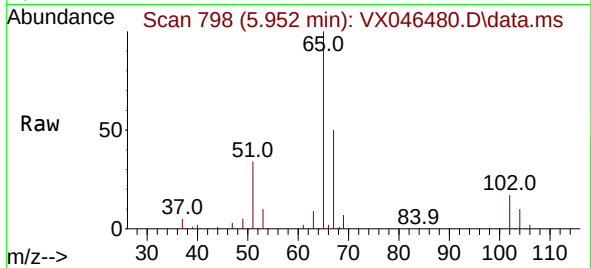




#33
 1,2-Dichloroethane-d4
 Concen: 52.468 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX046480.D
 Acq: 03 Jun 2025 18:04

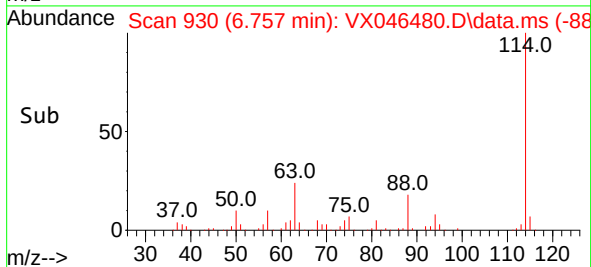
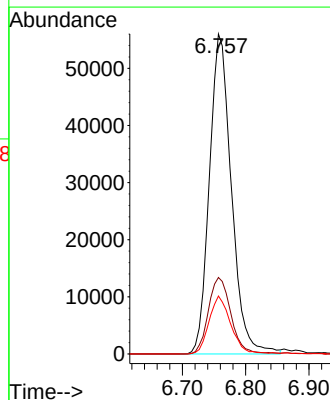
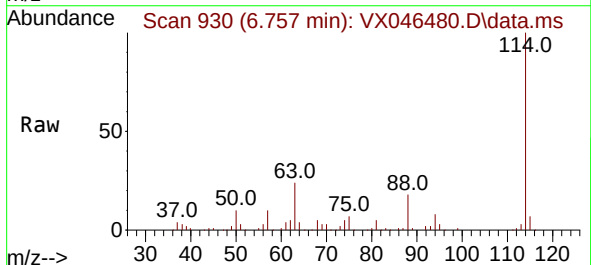
Instrument :
 MSVOA_X
 ClientSampleId :
 TP06-MHQ

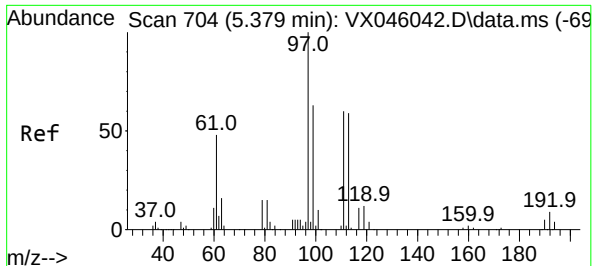
Tgt Ion: 65 Resp: 67090
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX046480.D
 Acq: 03 Jun 2025 18:04

Tgt Ion: 114 Resp: 135774
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 49.2
 88 18.1 0.0 33.6

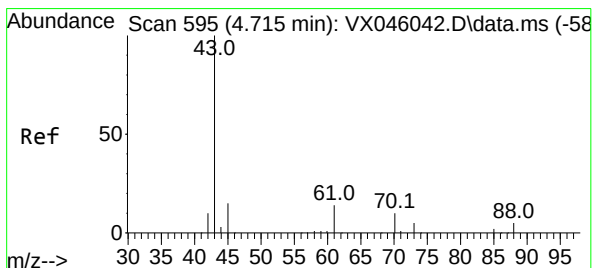
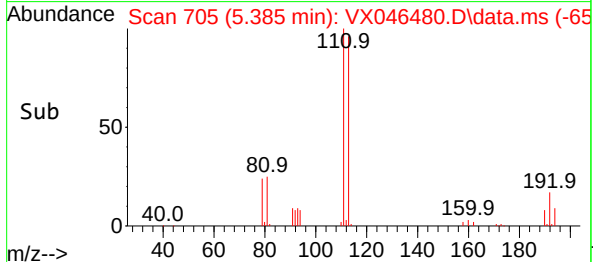
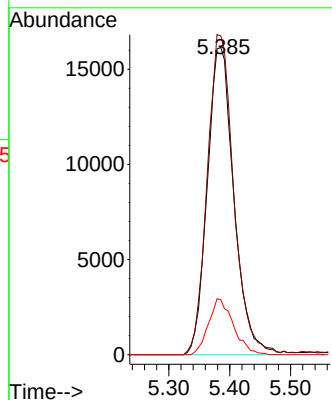
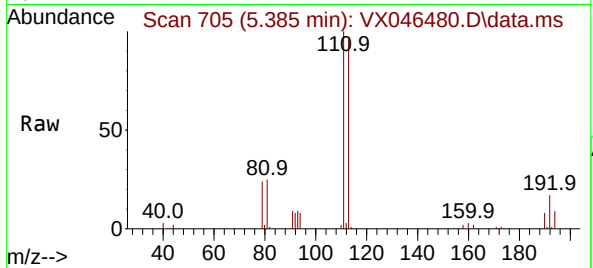




#35
Dibromofluoromethane
Concen: 50.202 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046480.D
Acq: 03 Jun 2025 18:04

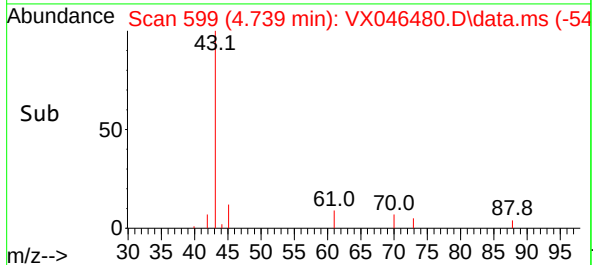
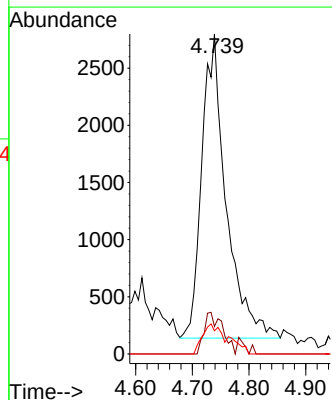
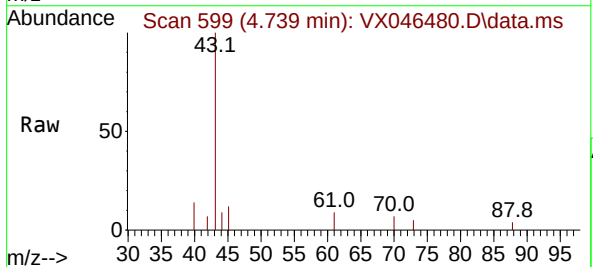
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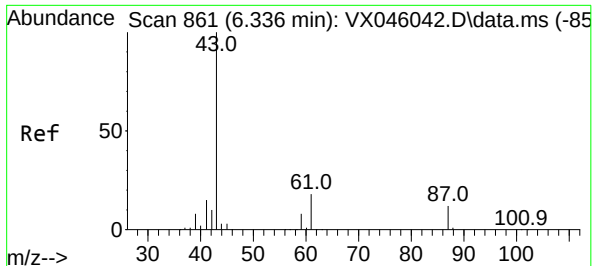
Tgt Ion:113 Resp: 49083
Ion Ratio Lower Upper
113 100
111 103.3 83.1 124.7
192 17.0 13.3 19.9



#37
Ethyl Acetate
Concen: 4.882 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.024 min
Lab File: VX046480.D
Acq: 03 Jun 2025 18:04

Tgt Ion: 43 Resp: 7924
Ion Ratio Lower Upper
43 100
61 10.3 10.3 15.5#
70 10.3 7.9 11.9

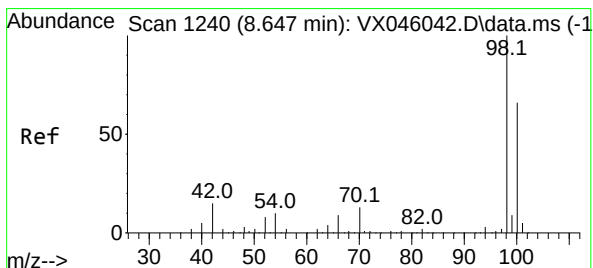
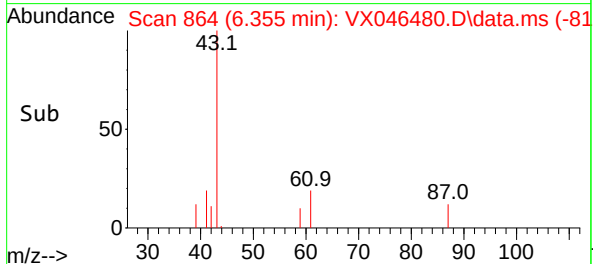
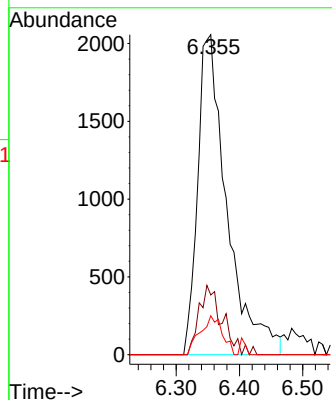
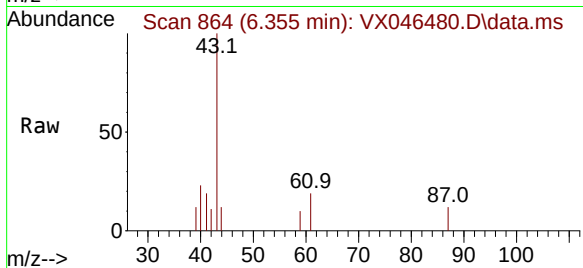




#43
Isopropyl Acetate
Concen: 2.673 ug/l
RT: 6.355 min Scan# 861
Delta R.T. 0.018 min
Lab File: VX046480.D
Acq: 03 Jun 2025 18:04

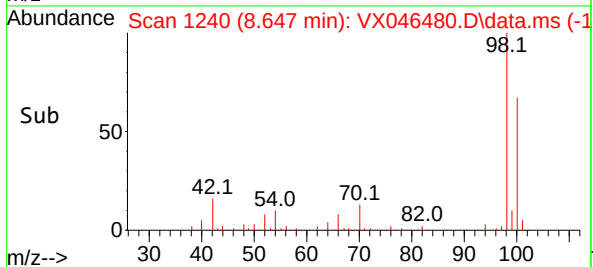
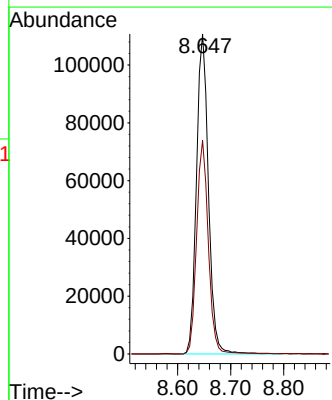
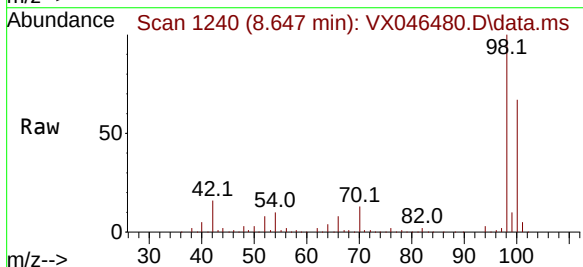
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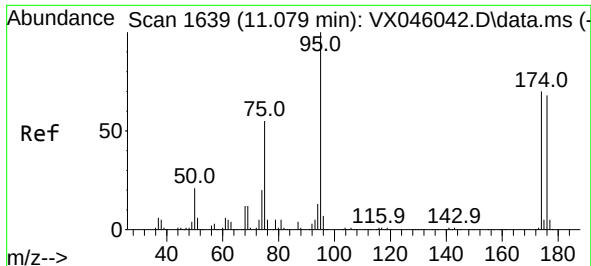
Tgt Ion: 43 Resp: 6619
Ion Ratio Lower Upper
43 100
61 17.3 14.3 21.5
87 9.1 9.5 14.3#



#50
Toluene-d8
Concen: 51.234 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046480.D
Acq: 03 Jun 2025 18:04

Tgt Ion: 98 Resp: 173377
Ion Ratio Lower Upper
98 100
100 65.3 53.5 80.3

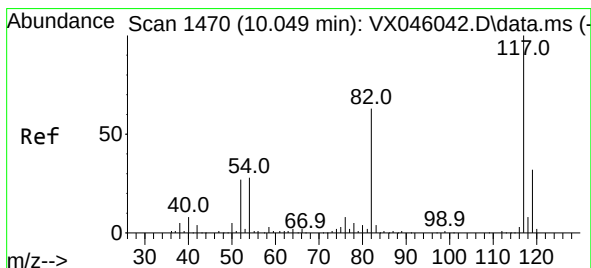
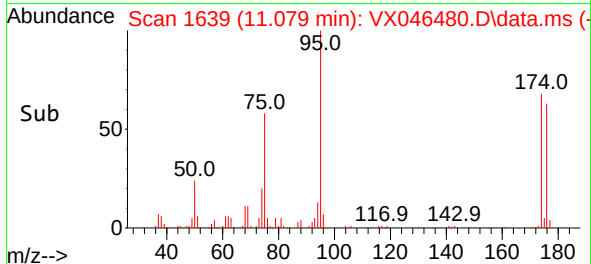
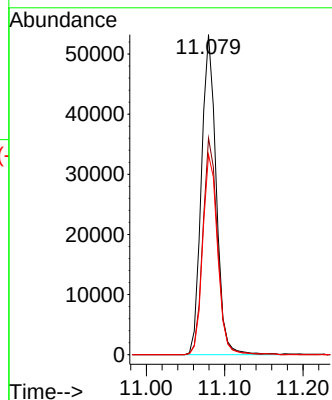
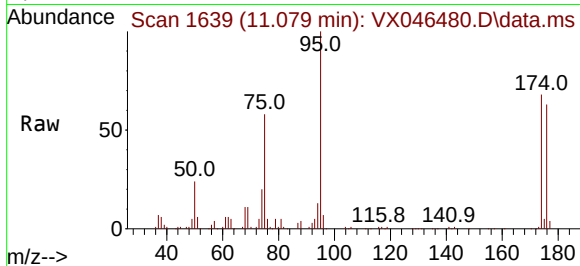




#62
4-Bromofluorobenzene
Concen: 53.664 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046480.D
Acq: 03 Jun 2025 18:04

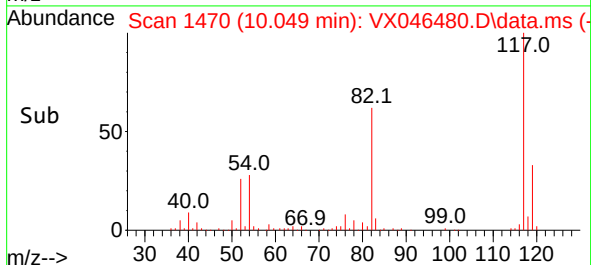
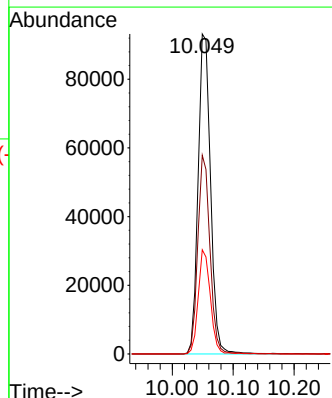
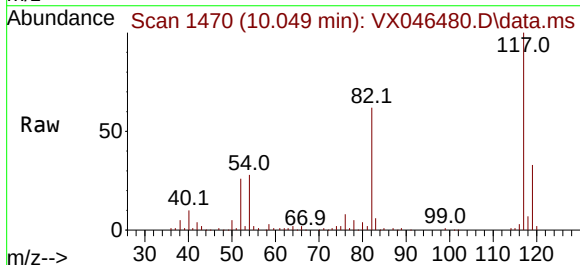
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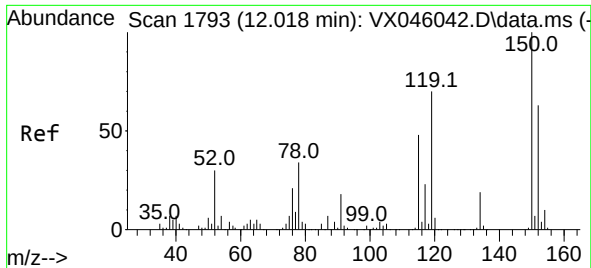
Tgt Ion: 95 Resp: 69659
Ion Ratio Lower Upper
95 100
174 67.3 0.0 135.8
176 63.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046480.D
Acq: 03 Jun 2025 18:04

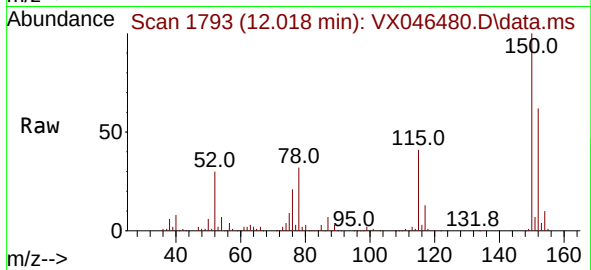
Tgt Ion: 117 Resp: 132091
Ion Ratio Lower Upper
117 100
82 62.1 50.6 76.0
119 32.5 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046480.D
 Acq: 03 Jun 2025 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 TP06-MHQ



Tgt Ion:152 Resp: 58182
 Ion Ratio Lower Upper
 152 100
 115 66.4 46.9 140.7
 150 159.7 0.0 351.0

