

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060925\
 Data File : VX046581.D
 Acq On : 09 Jun 2025 15:48
 Operator : JC/MD
 Sample : Q2265-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP11-MHL-WC

Quant Time: Jun 10 01:45:20 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)

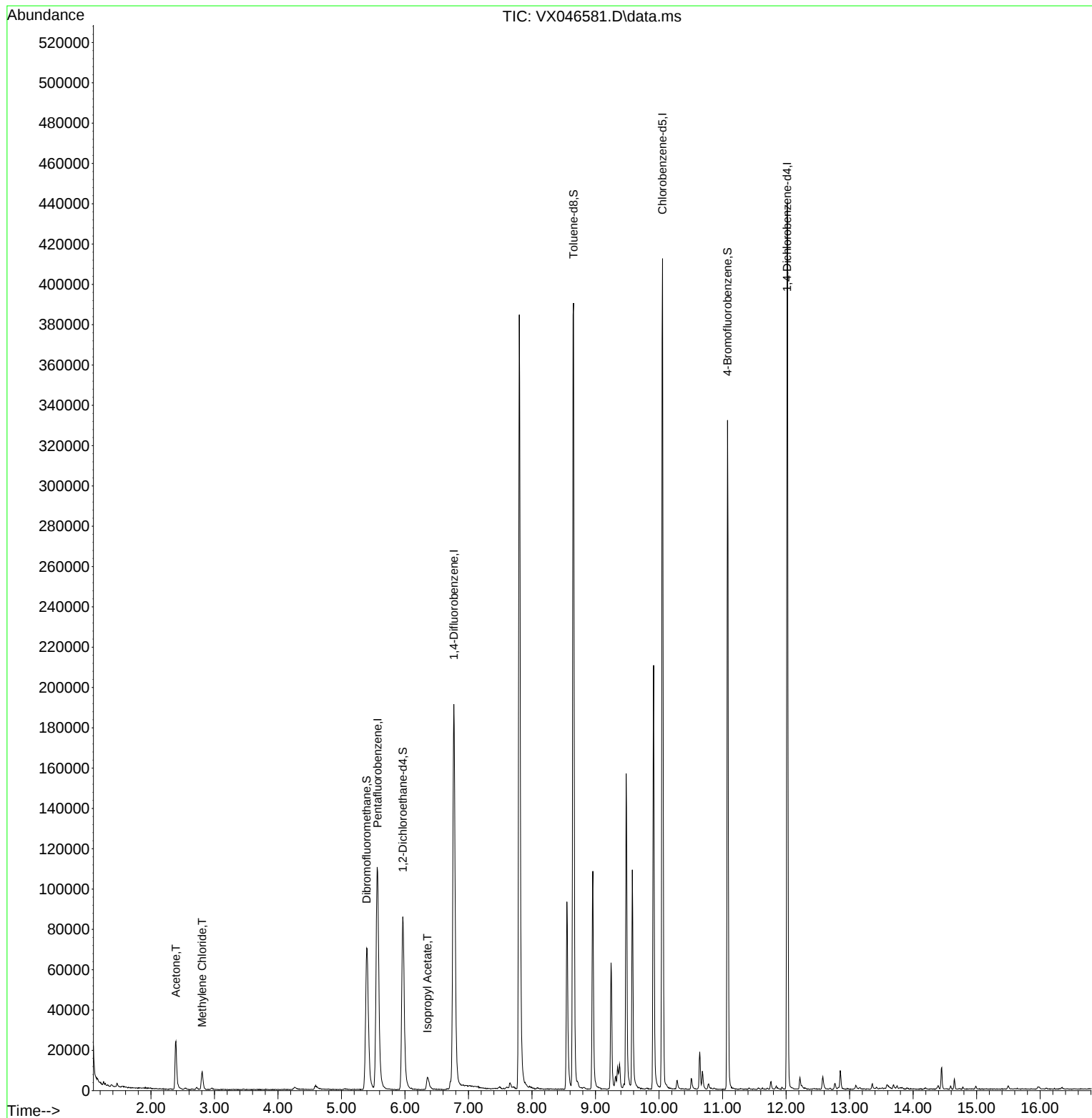
Internal Standards						
1) Pentafluorobenzene	5.568	168	104693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	194131	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	92218	49.510	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.020%
35) Dibromofluoromethane	5.397	113	66430	46.532	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.060%
50) Toluene-d8	8.653	98	233922	49.699	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.400%
62) 4-Bromofluorobenzene	11.079	95	91335	46.901	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.800%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	30769	45.889	ug/l	97
20) Methylene Chloride	2.806	84	4109	2.750	ug/l	96
43) Isopropyl Acetate	6.354	43	10539	3.037	ug/l	97

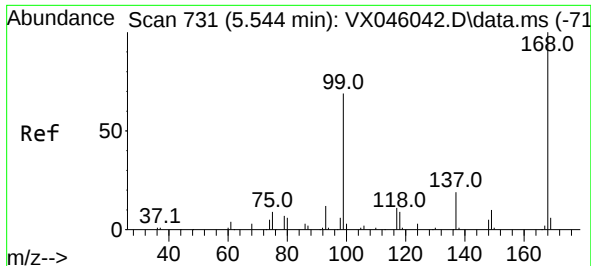
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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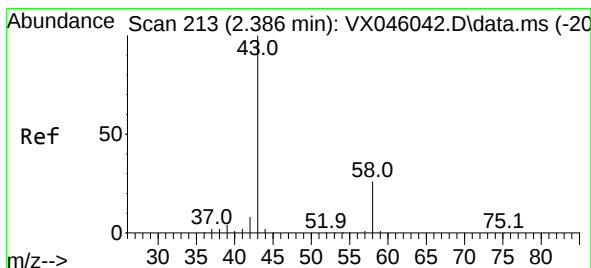
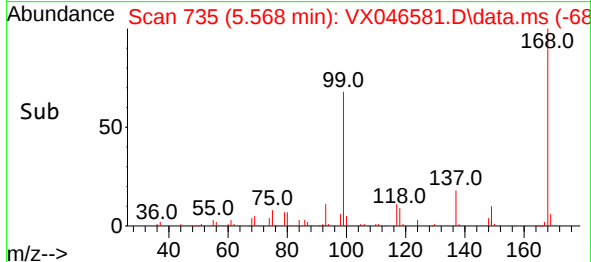
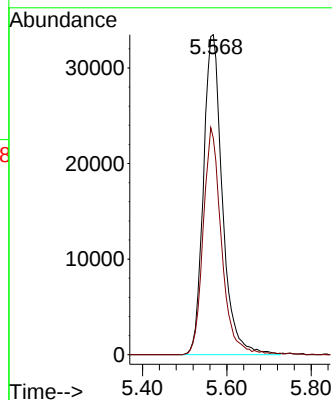
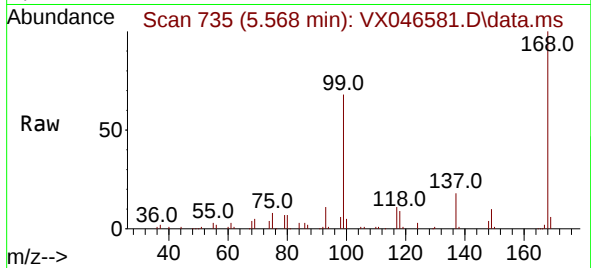




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046581.D
Acq: 09 Jun 2025 15:48

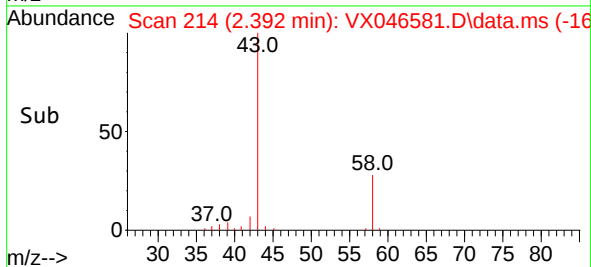
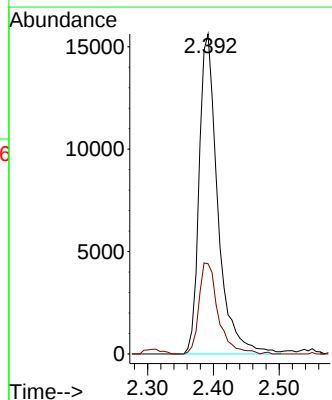
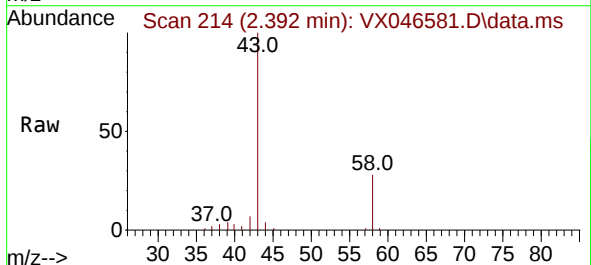
Instrument :
MSVOA_X
ClientSampleId :
TP11-MHL-WC

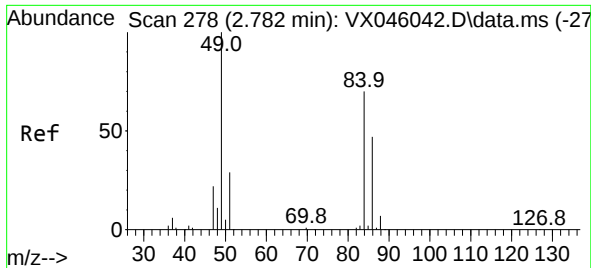
Tgt Ion:168 Resp: 104693
Ion Ratio Lower Upper
168 100
99 67.6 54.9 82.3



#16
Acetone
Concen: 45.889 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046581.D
Acq: 09 Jun 2025 15:48

Tgt Ion: 43 Resp: 30769
Ion Ratio Lower Upper
43 100
58 28.2 21.2 31.8



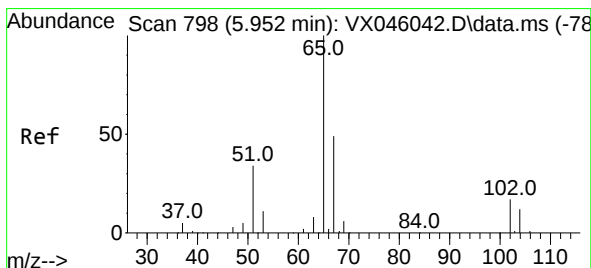
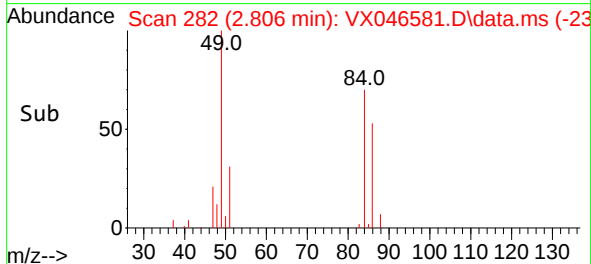
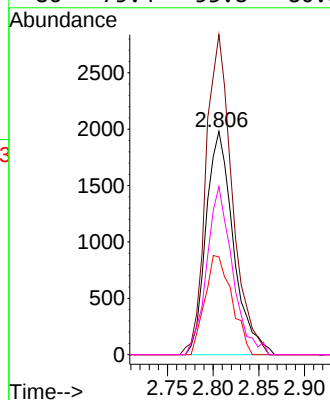
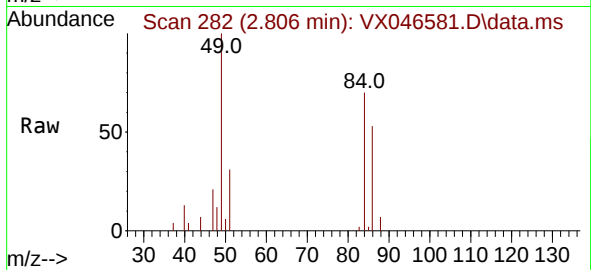


#20
Methylene Chloride
Concen: 2.750 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046581.D
Acq: 09 Jun 2025 15:48

Instrument :
MSVOA_X
ClientSampleId :
TP11-MHL-WC

Tgt Ion: 84 Resp: 4109

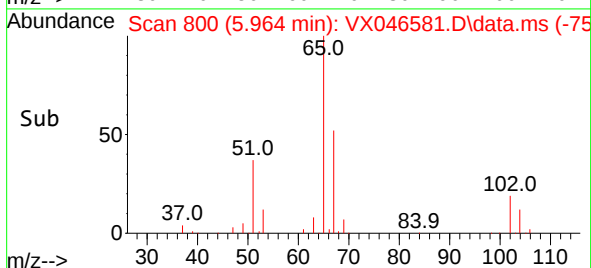
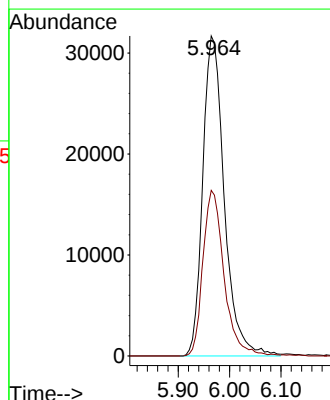
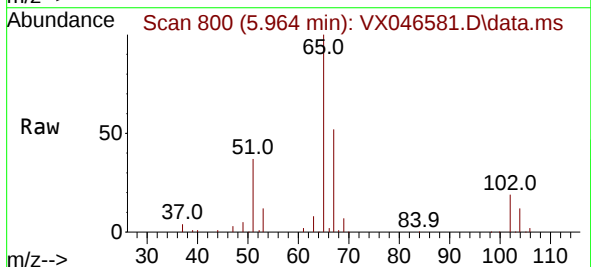
Ion	Ratio	Lower	Upper
84	100		
49	143.3	113.9	170.9
51	43.8	33.5	50.3
86	75.4	53.8	80.8

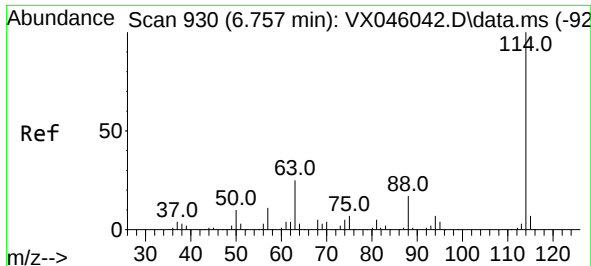


#33
1,2-Dichloroethane-d4
Concen: 49.510 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046581.D
Acq: 09 Jun 2025 15:48

Tgt Ion: 65 Resp: 92218

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	99.0

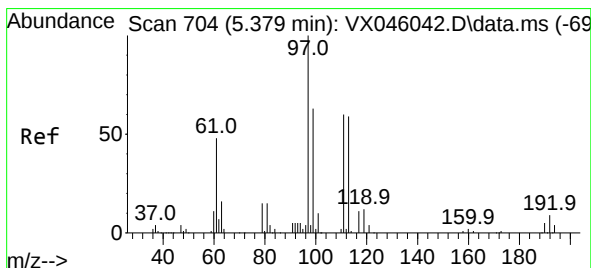
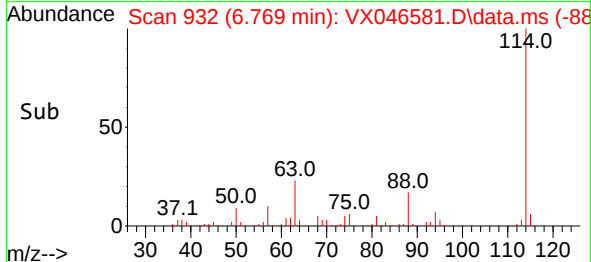
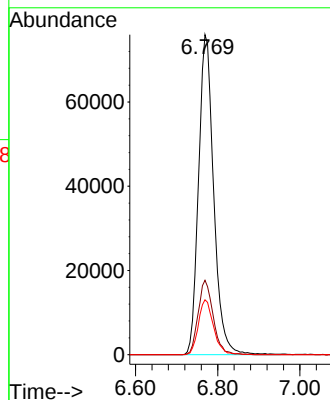
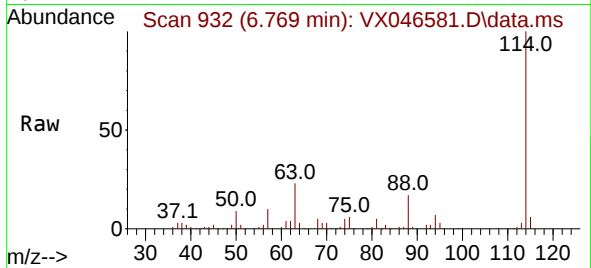




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046581.D
Acq: 09 Jun 2025 15:48

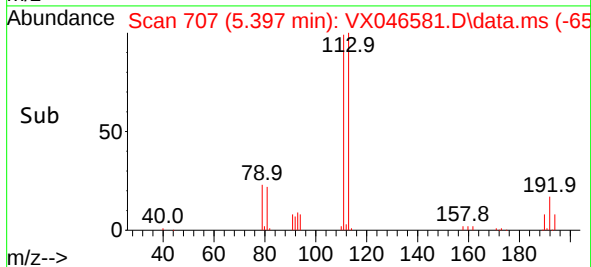
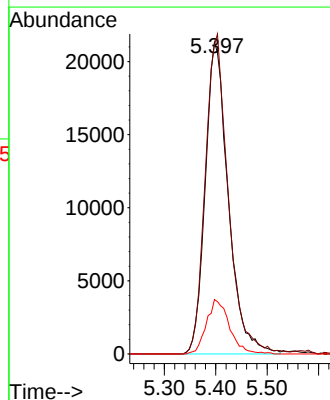
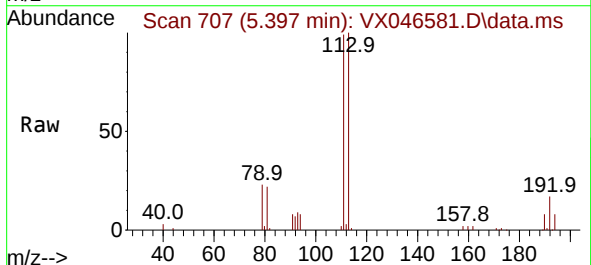
Instrument :
MSVOA_X
ClientSampleId :
TP11-MHL-WC

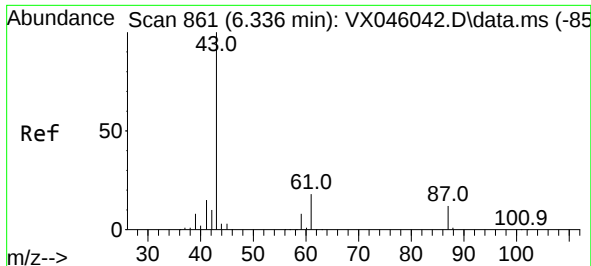
Tgt Ion:114 Resp: 194131
Ion Ratio Lower Upper
114 100
63 23.3 0.0 49.2
88 17.2 0.0 33.6



#35
Dibromofluoromethane
Concen: 46.532 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX046581.D
Acq: 09 Jun 2025 15:48

Tgt Ion:113 Resp: 66430
Ion Ratio Lower Upper
113 100
111 102.7 83.1 124.7
192 17.5 13.3 19.9

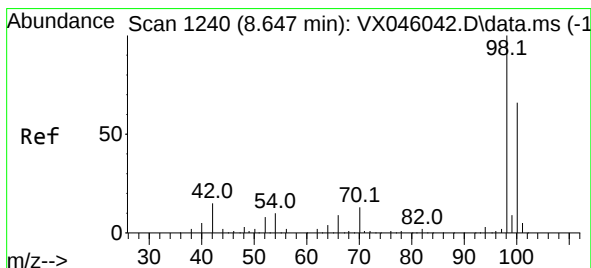
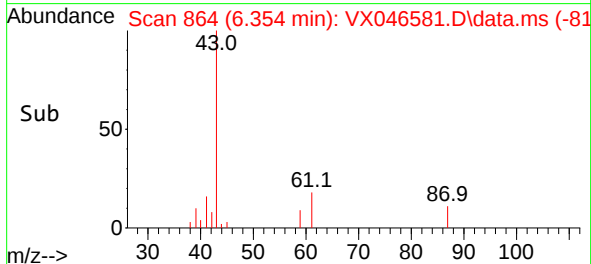
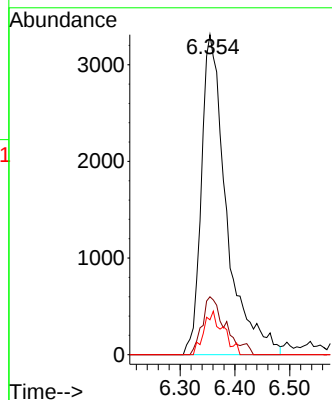
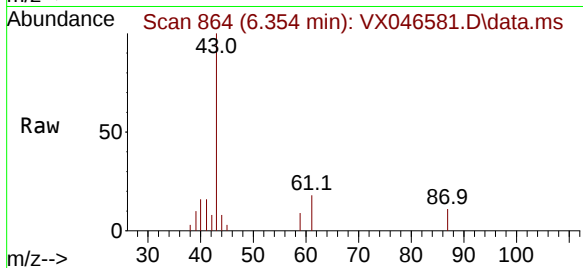




#43
Isopropyl Acetate
Concen: 3.037 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.000 min
Lab File: VX046581.D
Acq: 09 Jun 2025 15:48

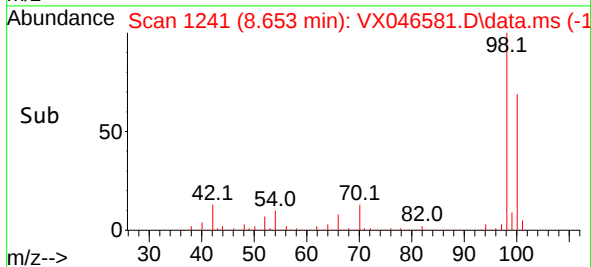
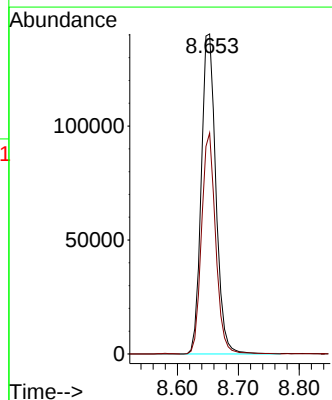
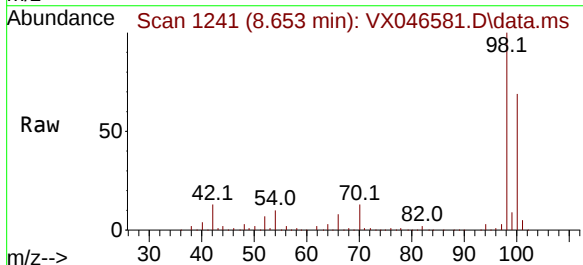
Instrument :
MSVOA_X
ClientSampleId :
TP11-MHL-WC

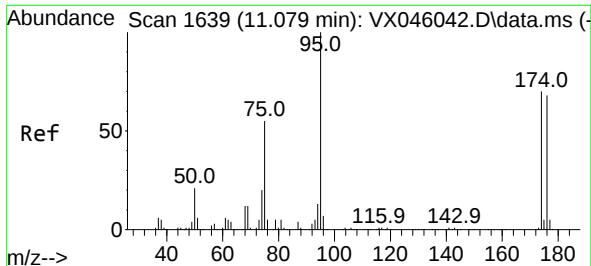
Tgt Ion: 43 Resp: 10539
Ion Ratio Lower Upper
43 100
61 16.8 14.3 21.5
87 10.6 9.5 14.3



#50
Toluene-d8
Concen: 49.699 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046581.D
Acq: 09 Jun 2025 15:48

Tgt Ion: 98 Resp: 233922
Ion Ratio Lower Upper
98 100
100 66.8 53.5 80.3

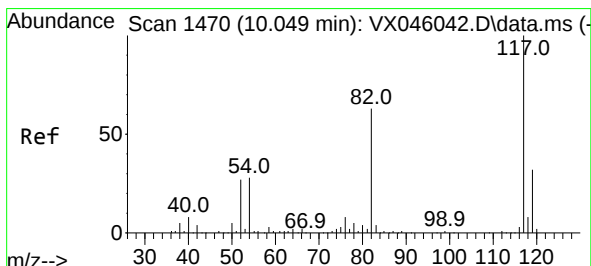
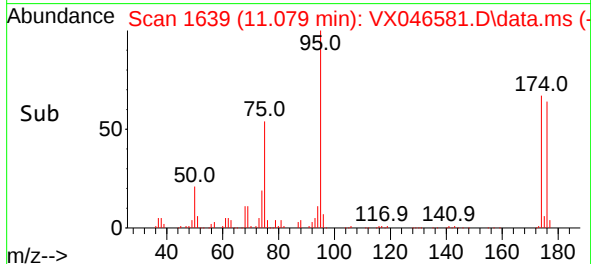
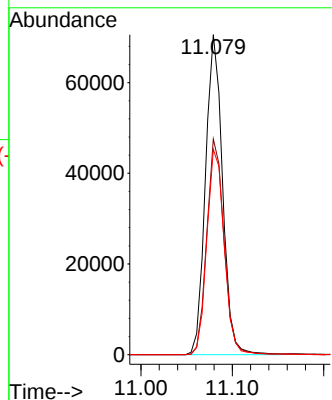
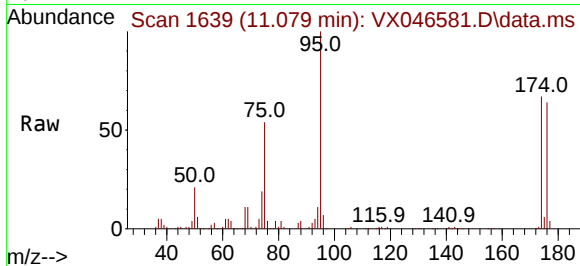




#62
4-Bromofluorobenzene
Concen: 46.901 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046581.D
Acq: 09 Jun 2025 15:48

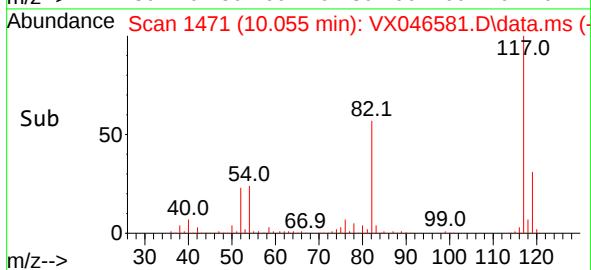
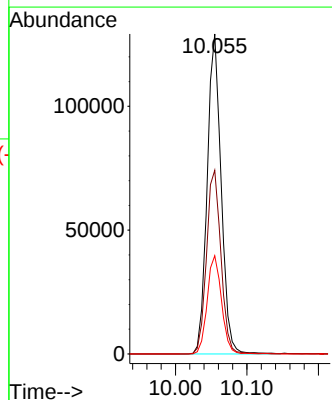
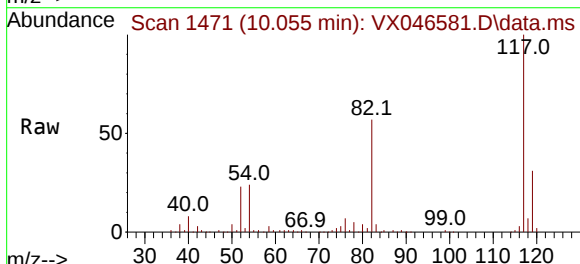
Instrument :
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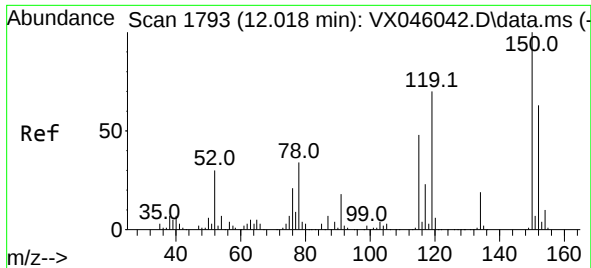
Tgt Ion: 95 Resp: 91335
Ion Ratio Lower Upper
95 100
174 68.1 0.0 135.8
176 65.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046581.D
Acq: 09 Jun 2025 15:48

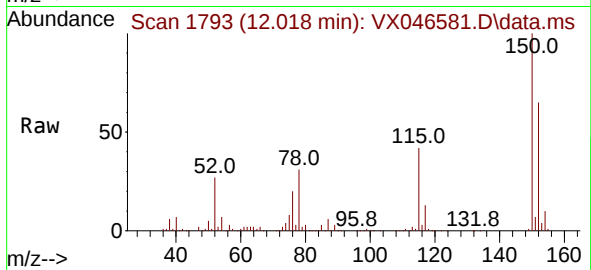
Tgt Ion: 117 Resp: 175205
Ion Ratio Lower Upper
117 100
82 57.4 50.6 76.0
119 30.7 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX046581.D
 Acq: 09 Jun 2025 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152 Resp: 86589
 Ion Ratio Lower Upper
 152 100
 115 64.9 46.9 140.7
 150 154.8 0.0 351.0

