

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060925\
 Data File : VX046582.D
 Acq On : 09 Jun 2025 16:09
 Operator : JC/MD
 Sample : Q2266-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-3

Quant Time: Jun 10 01:45:46 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)

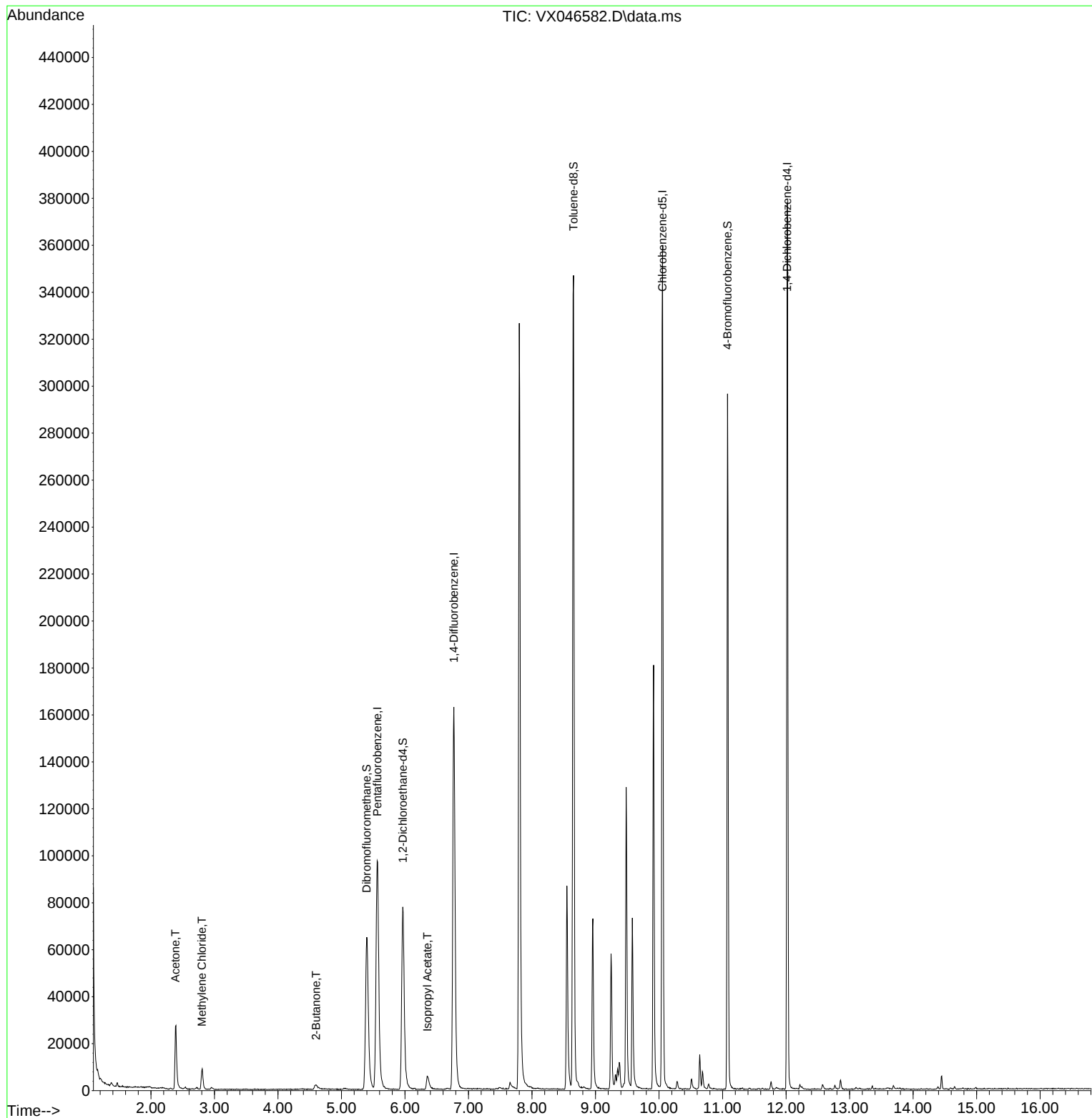
Internal Standards						
1) Pentafluorobenzene	5.562	168	91853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	168742	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	72339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	84367	51.627	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.260%
35) Dibromofluoromethane	5.397	113	61853	49.844	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.680%
50) Toluene-d8	8.653	98	208113	50.869	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.740%
62) 4-Bromofluorobenzene	11.079	95	80258	47.414	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.820%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	34548	57.442	ug/l	99
20) Methylene Chloride	2.800	84	4462	3.403	ug/l #	77
25) 2-Butanone	4.599	43	4725	5.194	ug/l	97
43) Isopropyl Acetate	6.354	43	9561	3.170	ug/l	98

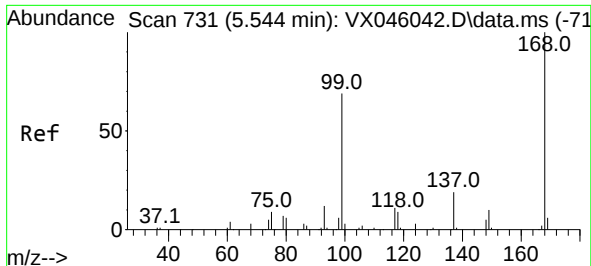
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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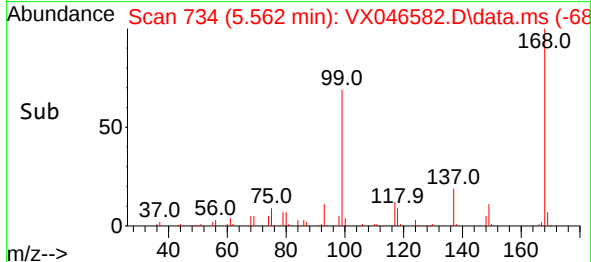
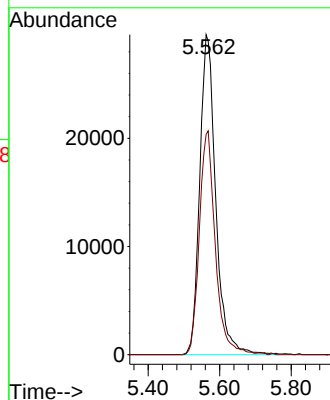
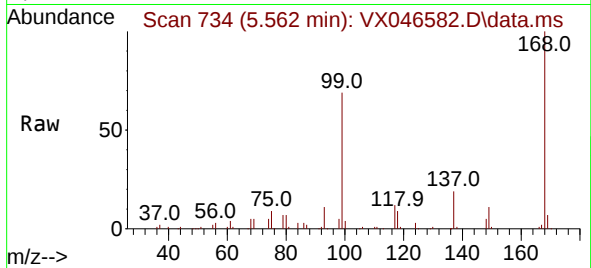




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046582.D
Acq: 09 Jun 2025 16:09

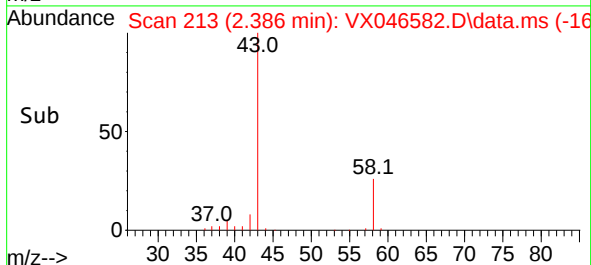
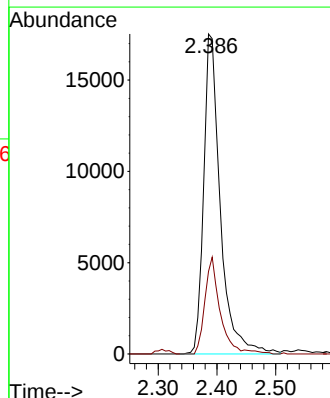
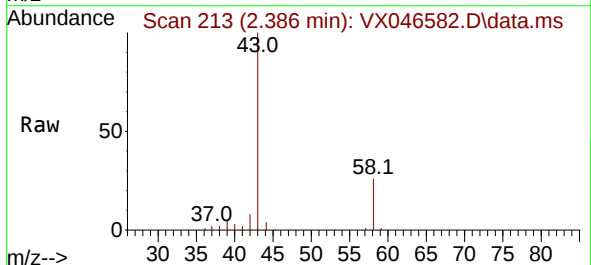
Instrument :
MSVOA_X
ClientSampleId :
WC-3

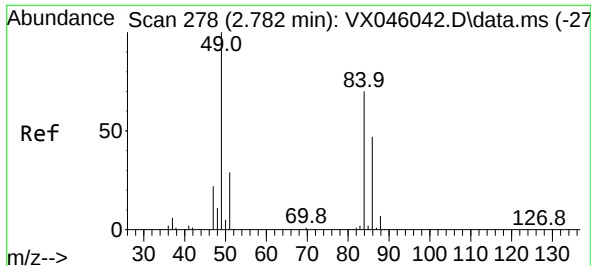
Tgt Ion:168 Resp: 91853
Ion Ratio Lower Upper
168 100
99 68.9 54.9 82.3



#16
Acetone
Concen: 57.442 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046582.D
Acq: 09 Jun 2025 16:09

Tgt Ion: 43 Resp: 34548
Ion Ratio Lower Upper
43 100
58 25.8 21.2 31.8

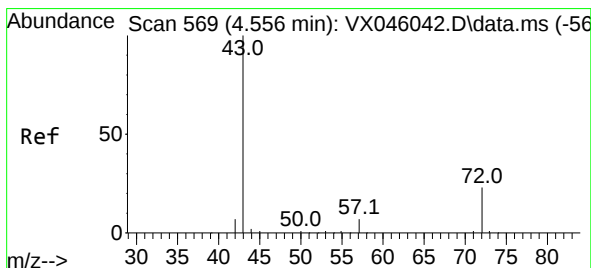
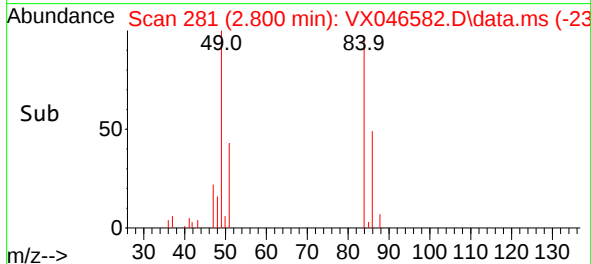
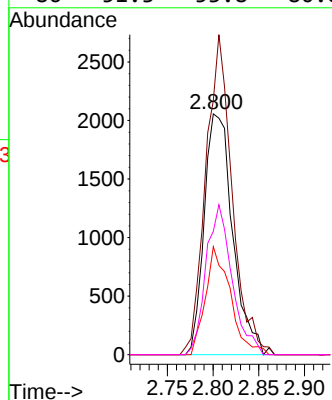
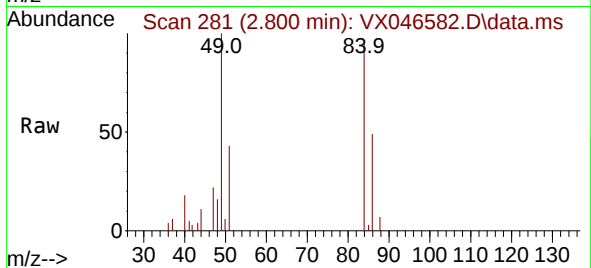




#20
Methylene Chloride
Concen: 3.403 ug/l
RT: 2.800 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046582.D
Acq: 09 Jun 2025 16:09

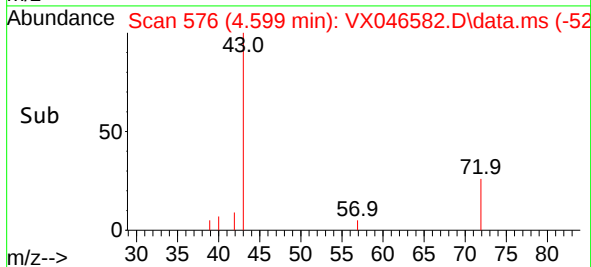
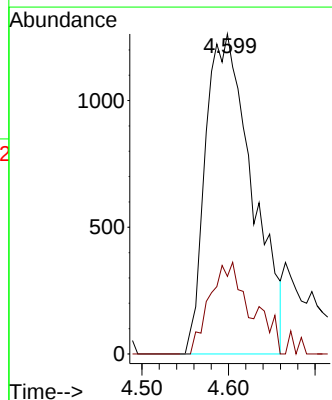
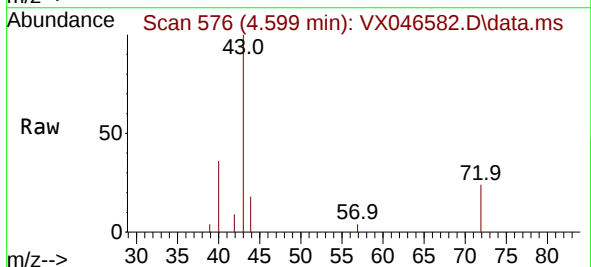
Instrument :
MSVOA_X
ClientSampleId :
WC-3

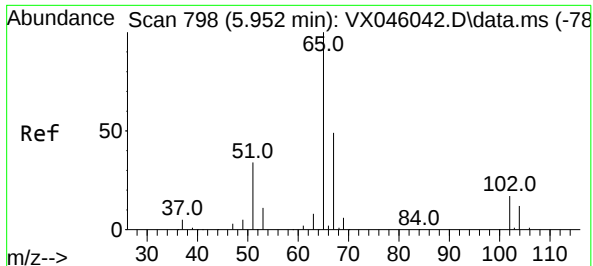
Tgt Ion:	84	Resp:	4462
Ion	Ratio	Lower	Upper
84	100		
49	105.5	113.9	170.9#
51	44.9	33.5	50.3
86	51.3	53.8	80.8#



#25
2-Butanone
Concen: 5.194 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.025 min
Lab File: VX046582.D
Acq: 09 Jun 2025 16:09

Tgt Ion:	43	Resp:	4725
Ion	Ratio	Lower	Upper
43	100		
72	24.2	18.4	27.6

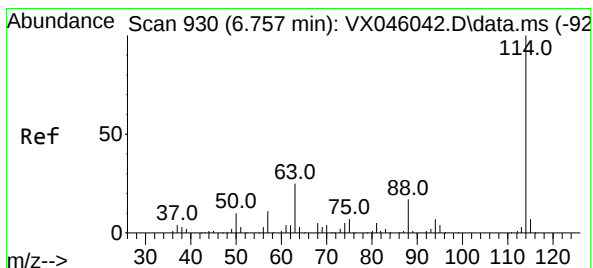
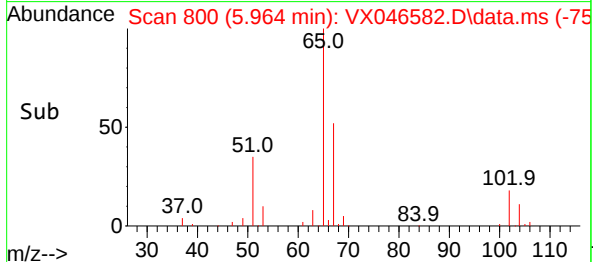
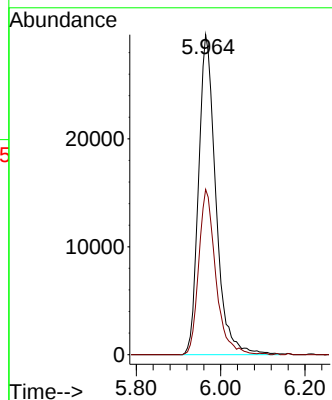
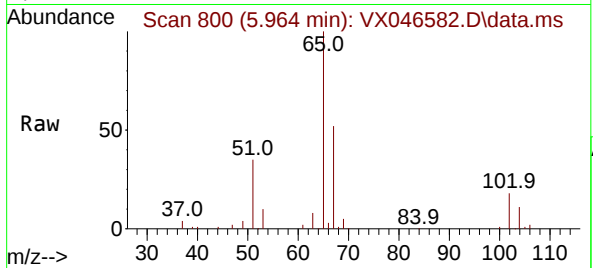




#33
 1,2-Dichloroethane-d4
 Concen: 51.627 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: VX046582.D
 Acq: 09 Jun 2025 16:09

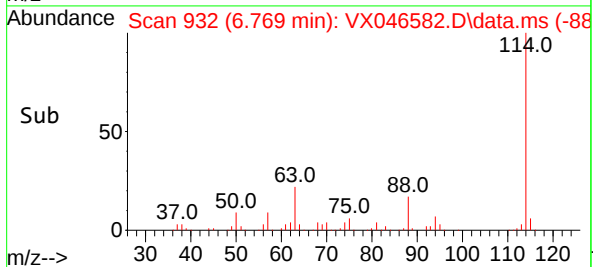
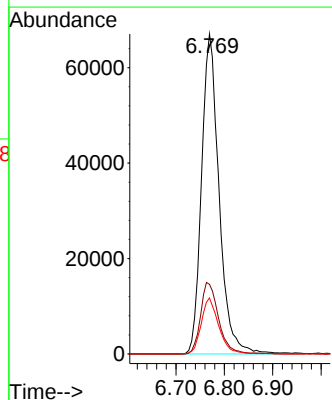
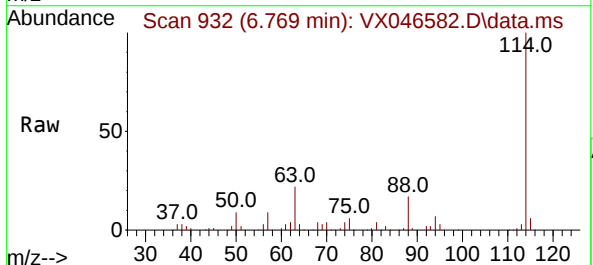
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-3

Tgt Ion: 65 Resp: 84367
 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# 932
 Delta R.T. -0.006 min
 Lab File: VX046582.D
 Acq: 09 Jun 2025 16:09

Tgt Ion: 114 Resp: 168742
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 49.2
 88 17.5 0.0 33.6

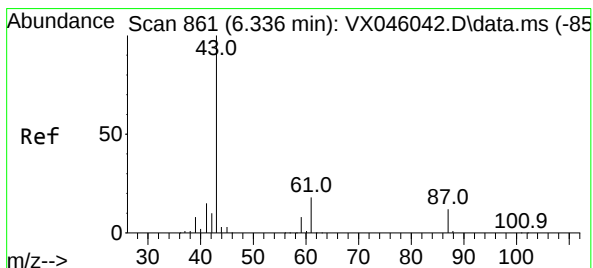
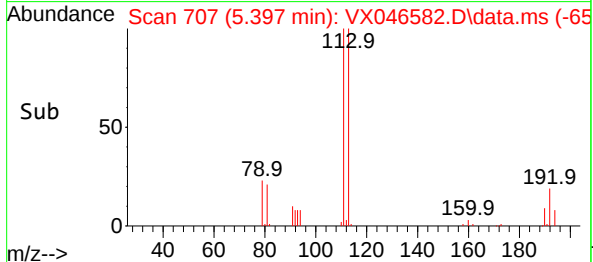
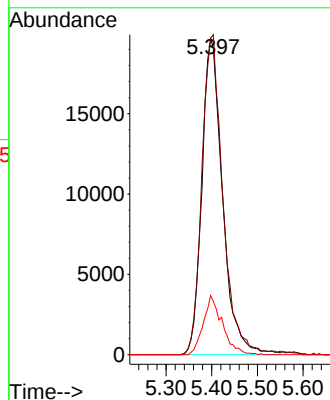
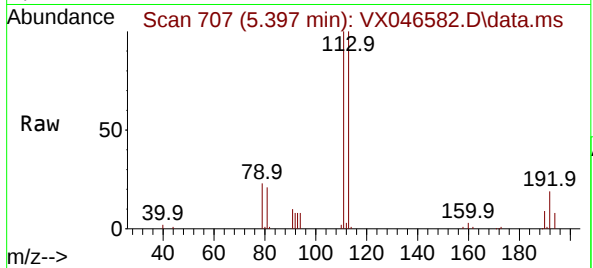




#35
Dibromofluoromethane
Concen: 49.844 ug/l
RT: 5.397 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX046582.D
Acq: 09 Jun 2025 16:09

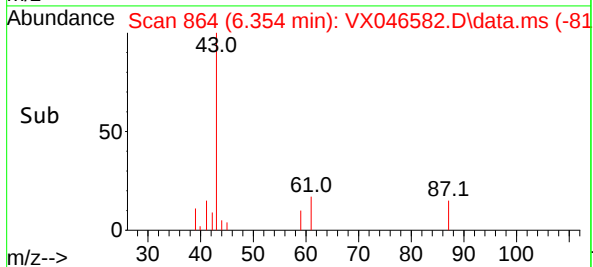
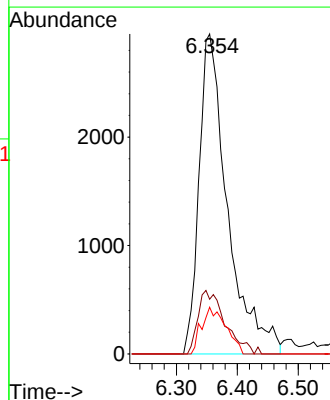
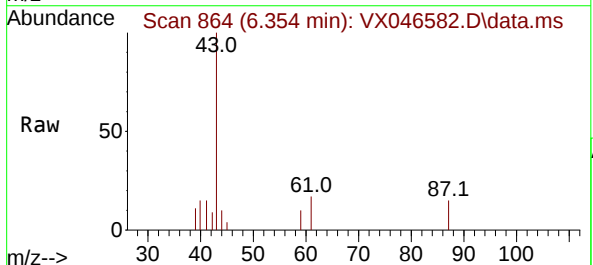
Instrument :
MSVOA_X
ClientSampleId :
WC-3

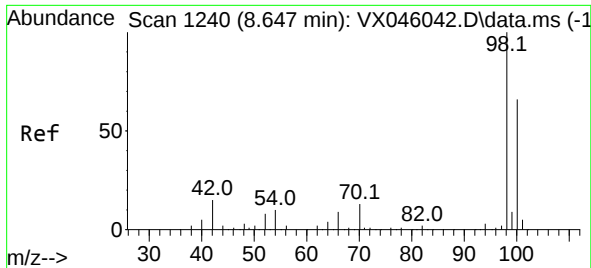
Tgt Ion:113 Resp: 61853
Ion Ratio Lower Upper
113 100
111 102.1 83.1 124.7
192 17.3 13.3 19.9



#43
Isopropyl Acetate
Concen: 3.170 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.000 min
Lab File: VX046582.D
Acq: 09 Jun 2025 16:09

Tgt Ion: 43 Resp: 9561
Ion Ratio Lower Upper
43 100
61 19.0 14.3 21.5
87 12.5 9.5 14.3

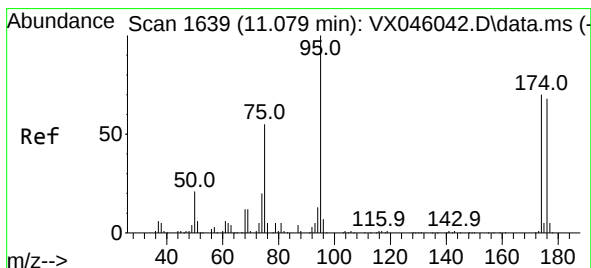
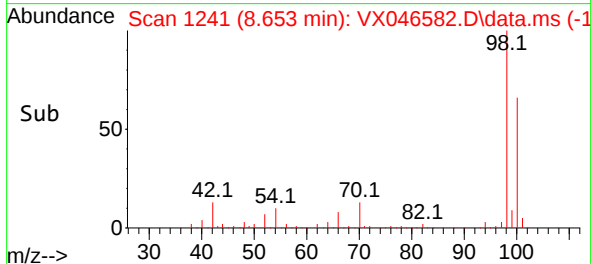
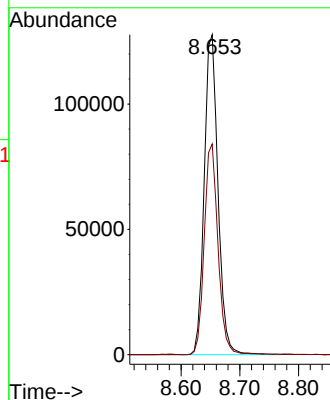
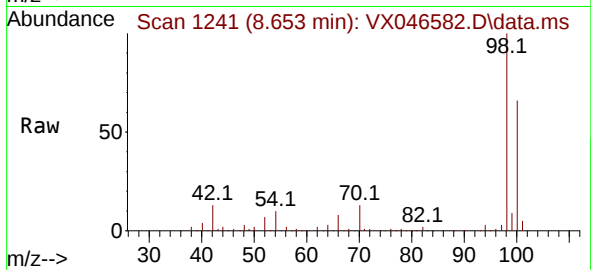




#50
Toluene-d8
Concen: 50.869 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046582.D
Acq: 09 Jun 2025 16:09

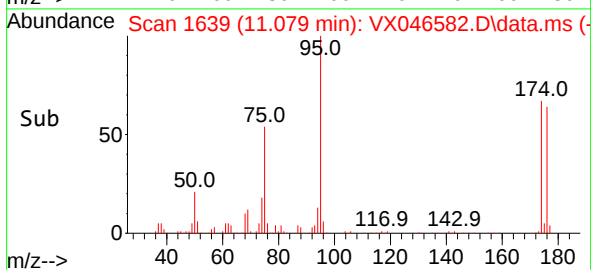
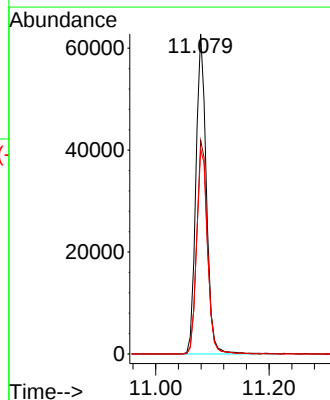
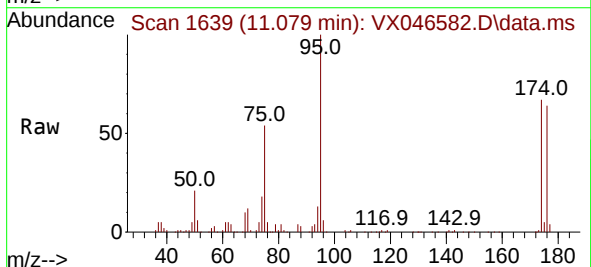
Instrument :
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ClientSampleId :
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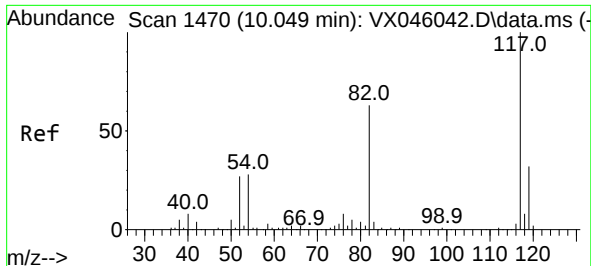
Tgt Ion: 98 Resp: 208113
Ion Ratio Lower Upper
98 100
100 65.9 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 47.414 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046582.D
Acq: 09 Jun 2025 16:09

Tgt Ion: 95 Resp: 80258
Ion Ratio Lower Upper
95 100
174 68.2 0.0 135.8
176 66.6 0.0 131.4

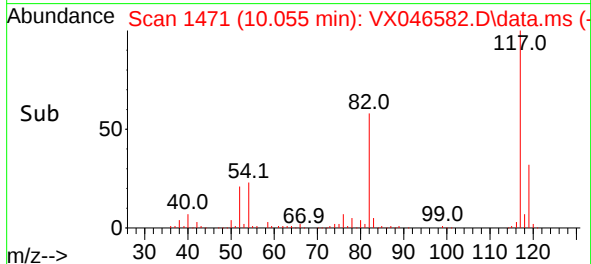
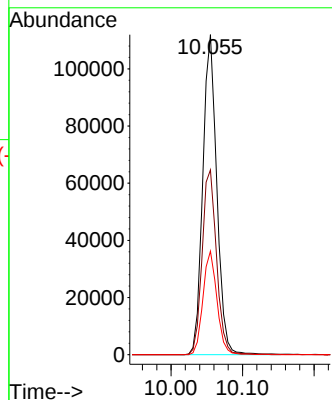
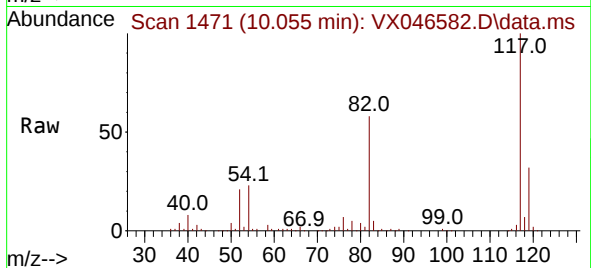




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046582.D
Acq: 09 Jun 2025 16:09

Instrument :
MSVOA_X
ClientSampleId :
WC-3

Tgt Ion:117 Resp: 152418
Ion Ratio Lower Upper
117 100
82 57.7 50.6 76.0
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046582.D
Acq: 09 Jun 2025 16:09

Tgt Ion:152 Resp: 72339
Ion Ratio Lower Upper
152 100
115 63.9 46.9 140.7
150 159.3 0.0 351.0

