

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
 Data File : VX046174.D
 Acq On : 13 May 2025 18:18
 Operator : JC/MD
 Sample : Q2017-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-J

Quant Time: May 14 01:45:12 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)

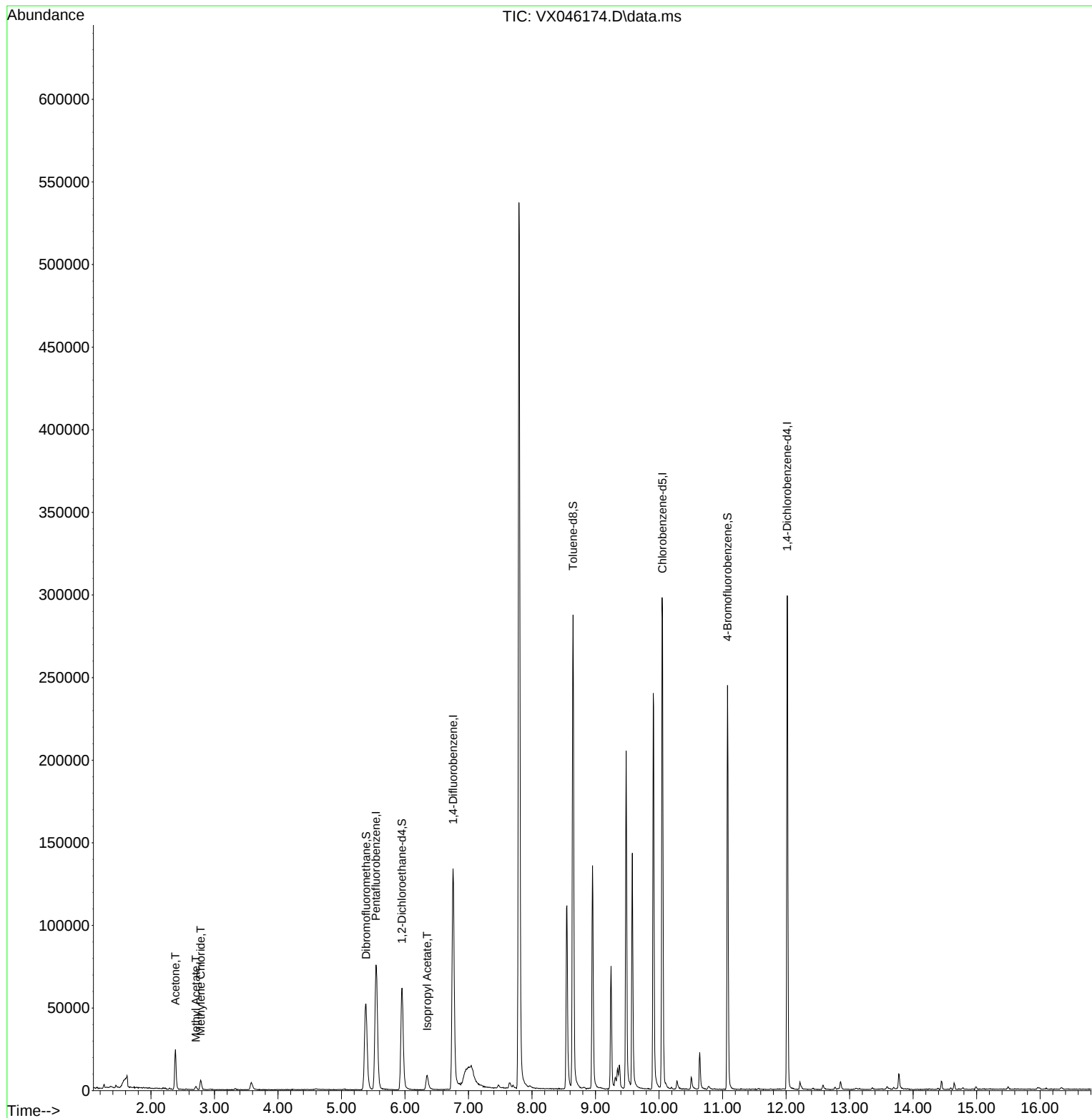
Internal Standards						
1) Pentafluorobenzene	5.544	168	65625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130004	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63786	52.136	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.280%	
35) Dibromofluoromethane	5.385	113	46683	49.866	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.740%	
50) Toluene-d8	8.647	98	164013	50.618	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.240%	
62) 4-Bromofluorobenzene	11.079	95	65992	53.095	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.200%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	26256	53.524	ug/l	97
18) Methyl Acetate	2.709	43	2543	2.234	ug/l	98
20) Methylene Chloride	2.782	84	2759	2.935	ug/l	95
43) Isopropyl Acetate	6.348	43	13442	5.670	ug/l	97

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

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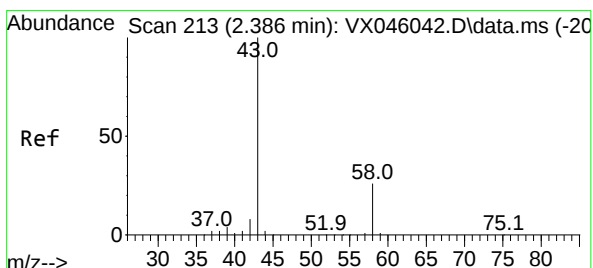
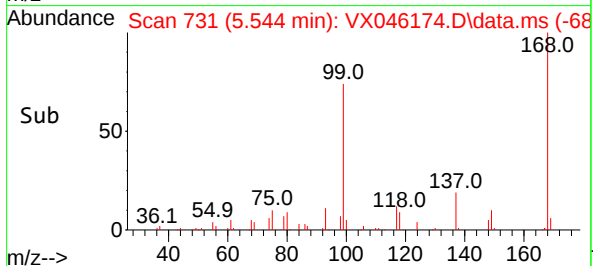
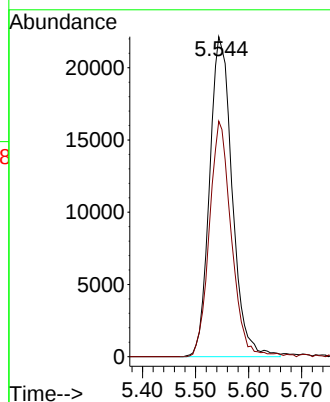
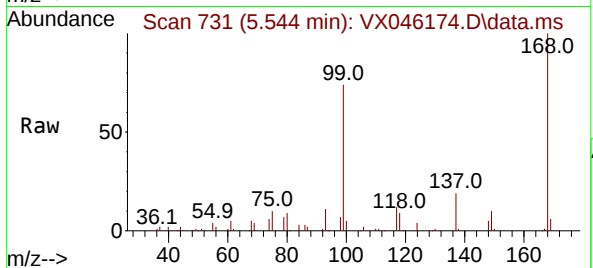




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX046174.D
Acq: 13 May 2025 18:18

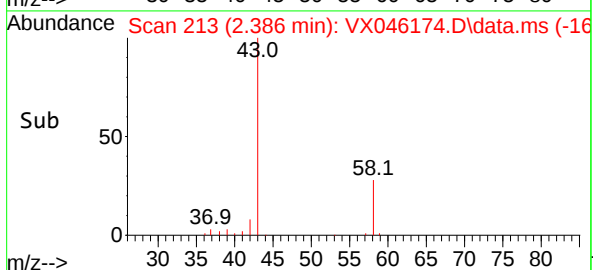
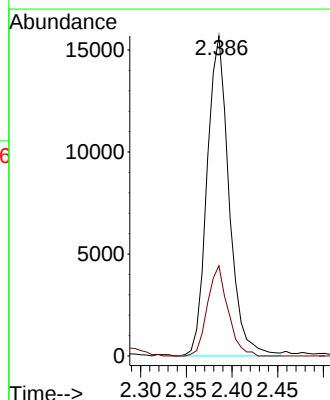
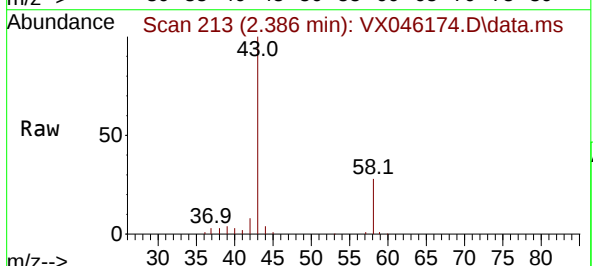
Instrument :
MSVOA_X
ClientSampleId :
MH-J

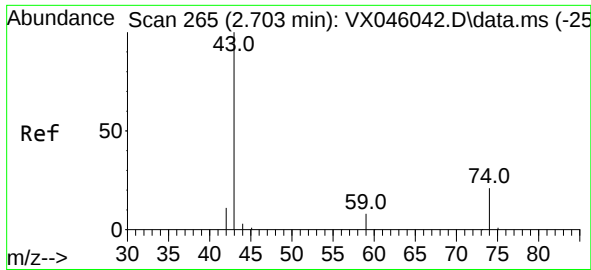
Tgt Ion:168 Resp: 65625
Ion Ratio Lower Upper
168 100
99 73.6 54.9 82.3



#16
Acetone
Concen: 53.524 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046174.D
Acq: 13 May 2025 18:18

Tgt Ion: 43 Resp: 26256
Ion Ratio Lower Upper
43 100
58 28.2 21.2 31.8

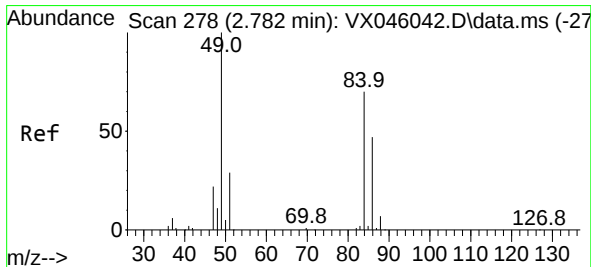
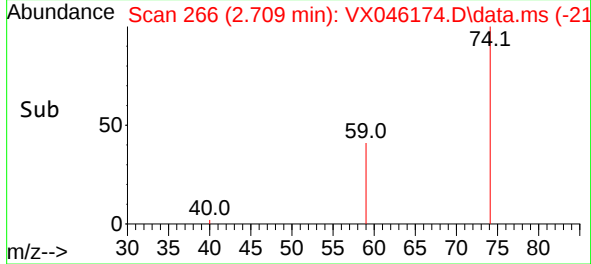
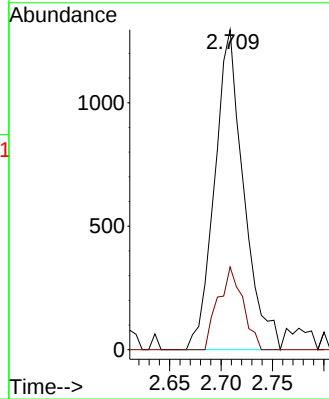
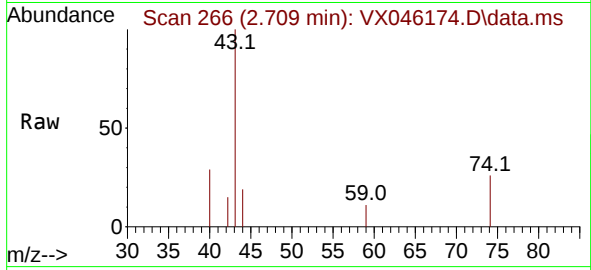




#18
Methyl Acetate
Concen: 2.234 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046174.D
Acq: 13 May 2025 18:18

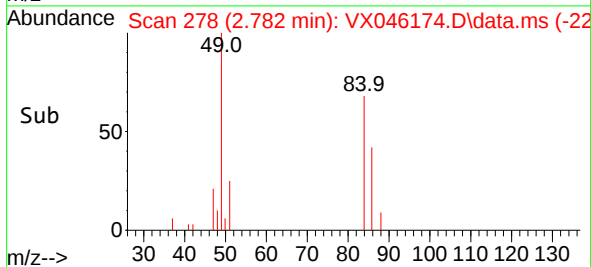
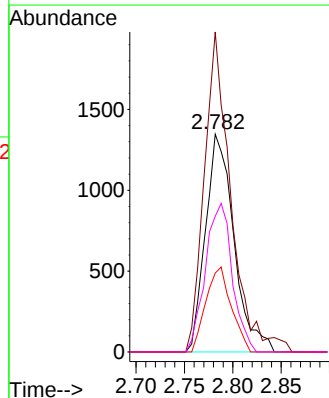
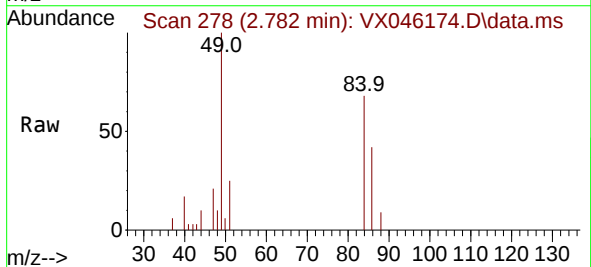
Instrument :
MSVOA_X
ClientSampleId :
MH-J

Tgt Ion: 43 Resp: 2543
Ion Ratio Lower Upper
43 100
74 21.9 16.7 25.1



#20
Methylene Chloride
Concen: 2.935 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046174.D
Acq: 13 May 2025 18:18

Tgt Ion: 84 Resp: 2759
Ion Ratio Lower Upper
84 100
49 146.9 113.9 170.9
51 36.2 33.5 50.3
86 62.3 53.8 80.8





#33

1,2-Dichloroethane-d4

Concen: 52.136 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046174.D

Acq: 13 May 2025 18:18

Instrument :

MSVOA_X

ClientSampleId :

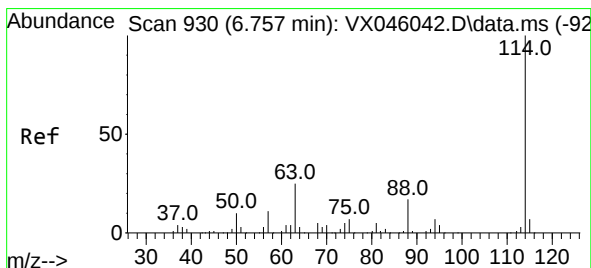
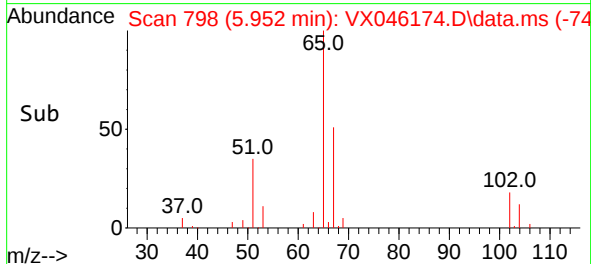
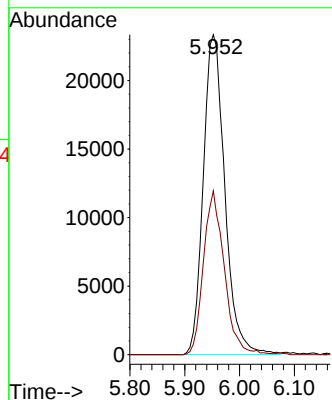
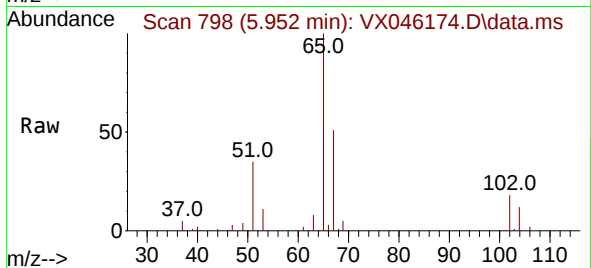
MH-J

Tgt Ion: 65 Resp: 63786

Ion Ratio Lower Upper

65 100

67 49.3 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: VX046174.D

Acq: 13 May 2025 18:18

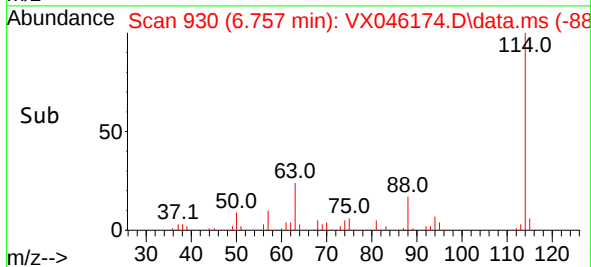
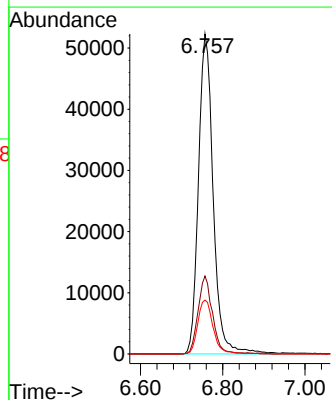
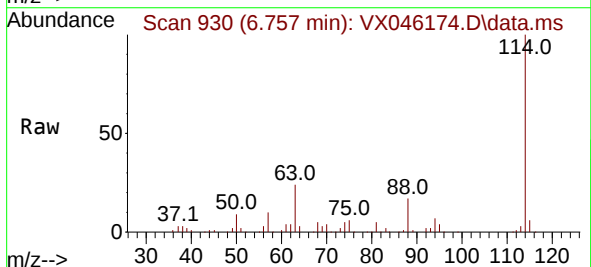
Tgt Ion: 114 Resp: 130004

Ion Ratio Lower Upper

114 100

63 24.4 0.0 49.2

88 16.8 0.0 33.6

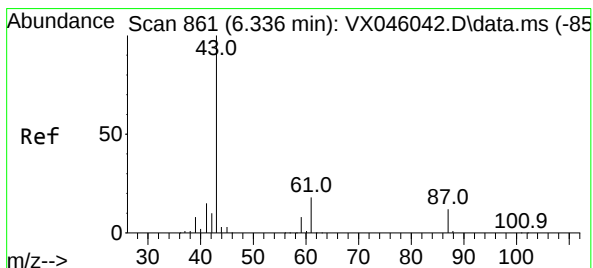
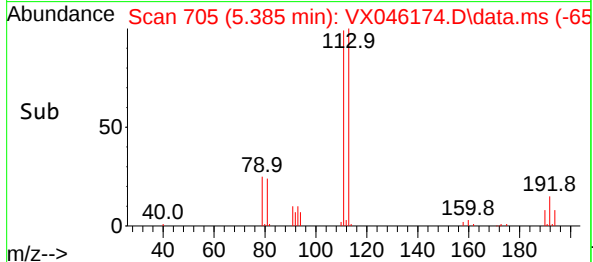
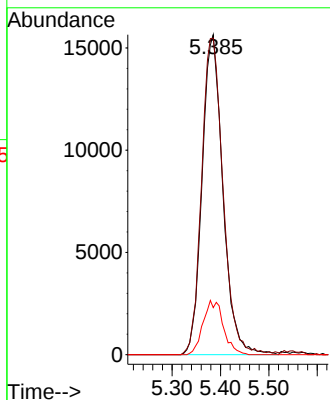
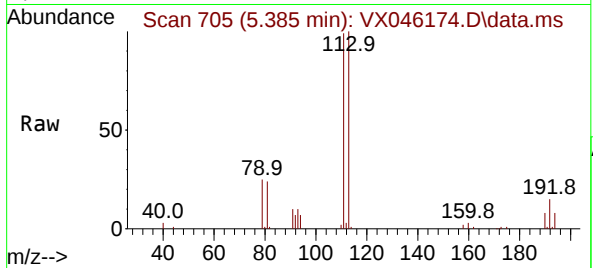




#35
Dibromofluoromethane
Concen: 49.866 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046174.D
Acq: 13 May 2025 18:18

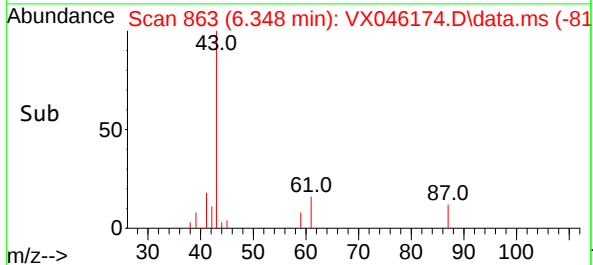
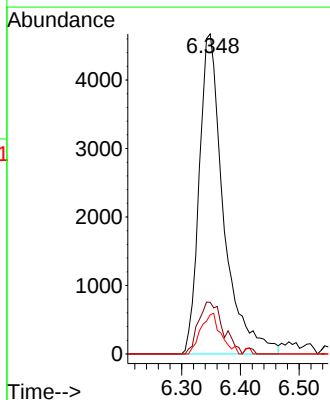
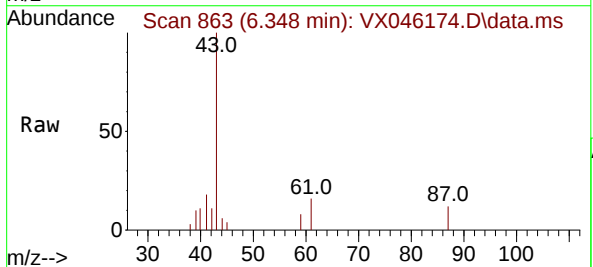
Instrument :
MSVOA_X
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MH-J

Tgt Ion:113 Resp: 46683
Ion Ratio Lower Upper
113 100
111 102.2 83.1 124.7
192 16.6 13.3 19.9



#43
Isopropyl Acetate
Concen: 5.670 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX046174.D
Acq: 13 May 2025 18:18

Tgt Ion: 43 Resp: 13442
Ion Ratio Lower Upper
43 100
61 16.4 14.3 21.5
87 10.4 9.5 14.3

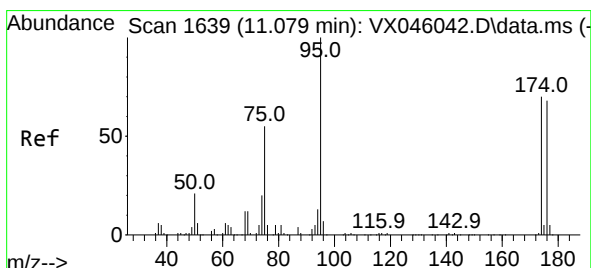
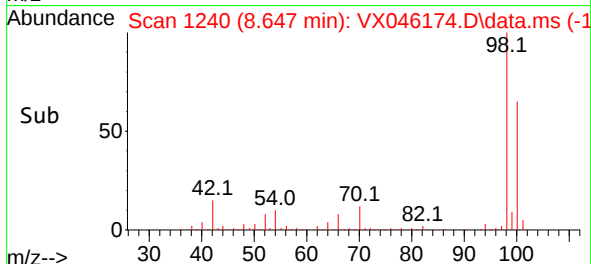
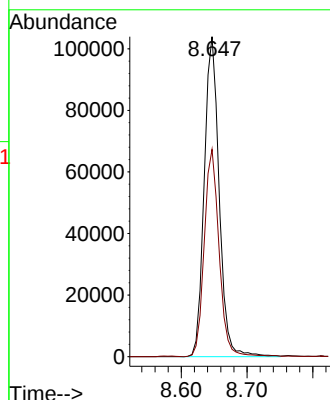
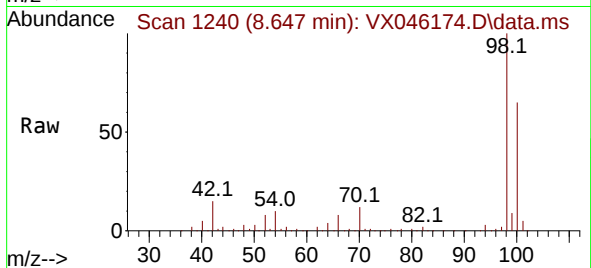




#50
Toluene-d8
Concen: 50.618 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046174.D
Acq: 13 May 2025 18:18

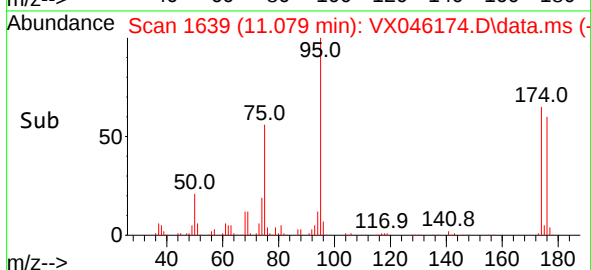
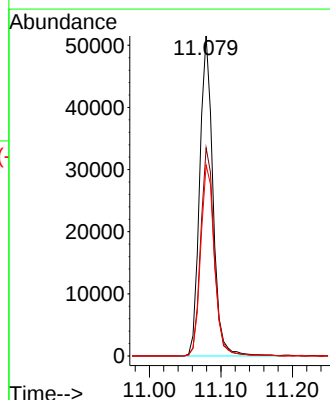
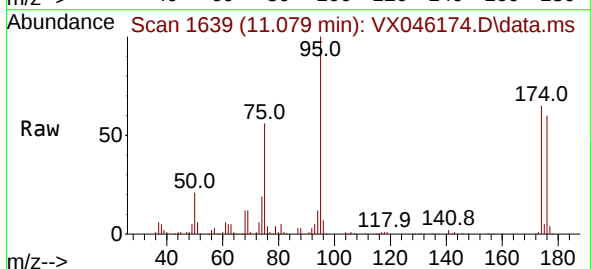
Instrument :
MSVOA_X
ClientSampleId :
MH-J

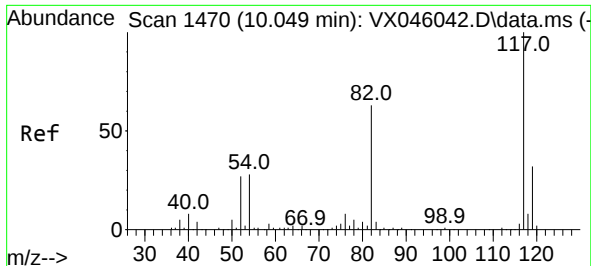
Tgt Ion: 98 Resp: 164013
Ion Ratio Lower Upper
98 100
100 64.6 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 53.095 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046174.D
Acq: 13 May 2025 18:18

Tgt Ion: 95 Resp: 65992
Ion Ratio Lower Upper
95 100
174 66.7 0.0 135.8
176 62.4 0.0 131.4

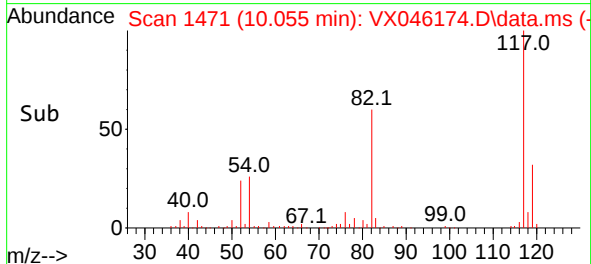
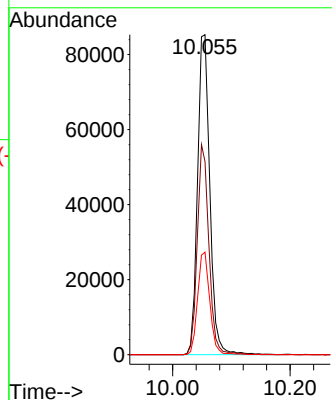
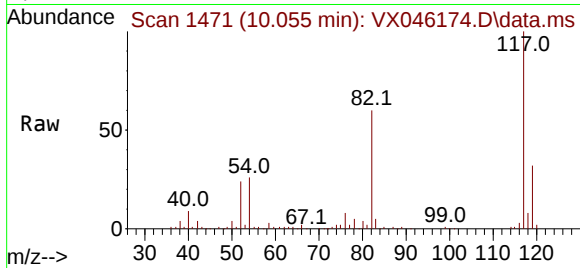




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046174.D
Acq: 13 May 2025 18:18

Instrument :
MSVOA_X
ClientSampleId :
MH-J

Tgt Ion:117 Resp: 123972
Ion Ratio Lower Upper
117 100
82 60.4 50.6 76.0
119 32.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046174.D
Acq: 13 May 2025 18:18

Tgt Ion:152 Resp: 55019
Ion Ratio Lower Upper
152 100
115 65.6 46.9 140.7
150 159.9 0.0 351.0

