

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
 Data File : VX046217.D
 Acq On : 15 May 2025 16:31
 Operator : JC/MD
 Sample : Q2019-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-K

Quant Time: May 16 01:07:54 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)

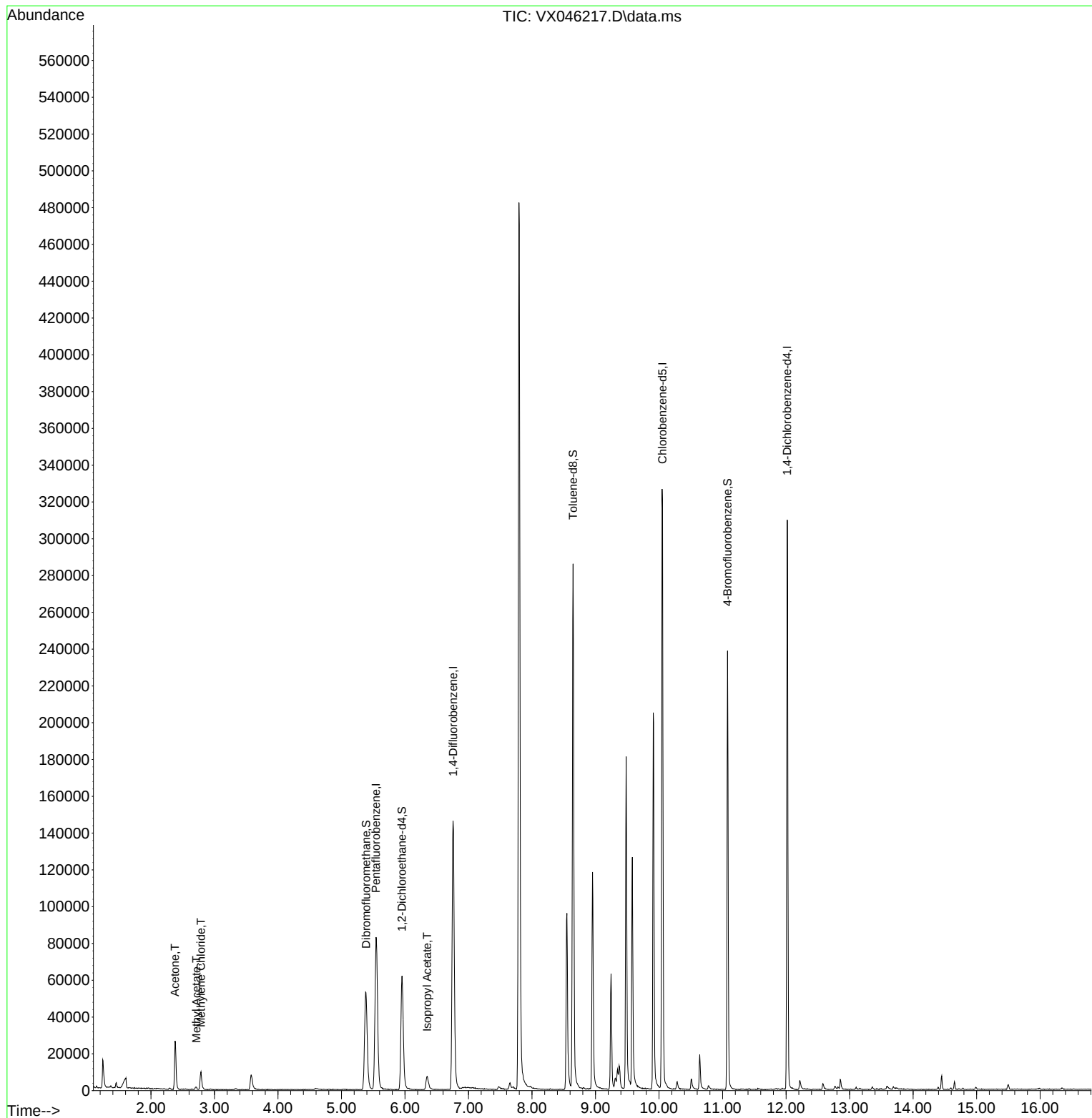
Internal Standards						
1) Pentafluorobenzene	5.543	168	71382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	141221	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64021	48.108	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.220%
35) Dibromofluoromethane	5.385	113	46971	46.189	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.380%
50) Toluene-d8	8.647	98	162035	46.036	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.080%
62) 4-Bromofluorobenzene	11.079	95	61789	45.765	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.540%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	28981	54.314	ug/l	98
18) Methyl Acetate	2.715	43	1961	1.584	ug/l	94
20) Methylene Chloride	2.788	84	4262	4.168	ug/l	95
43) Isopropyl Acetate	6.348	43	11628	4.515	ug/l	95

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

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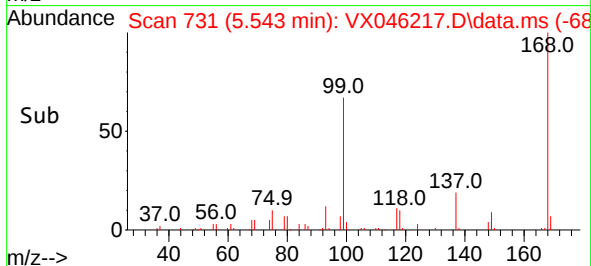
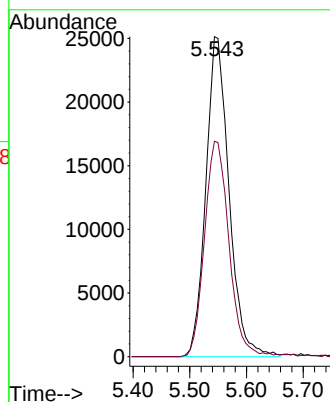
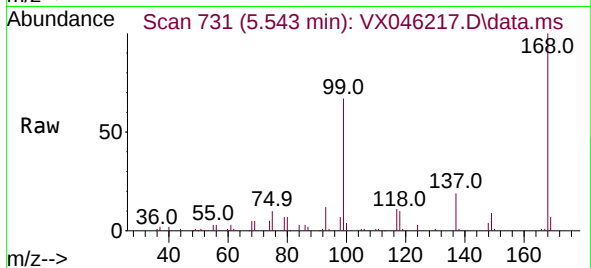




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX046217.D
Acq: 15 May 2025 16:31

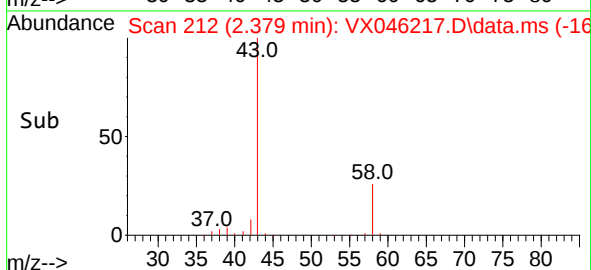
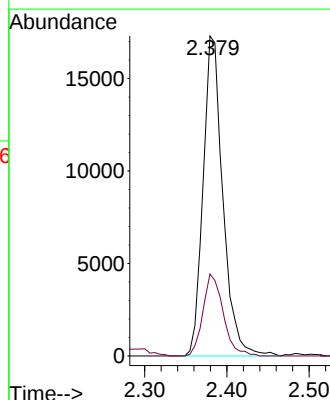
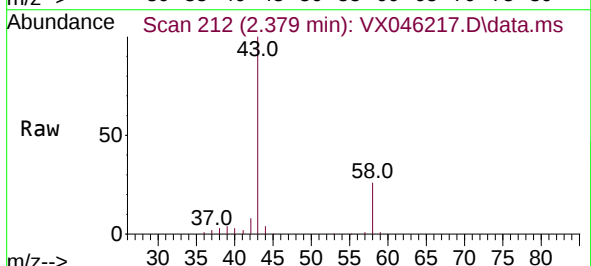
Instrument :
MSVOA_X
ClientSampleId :
MH-K

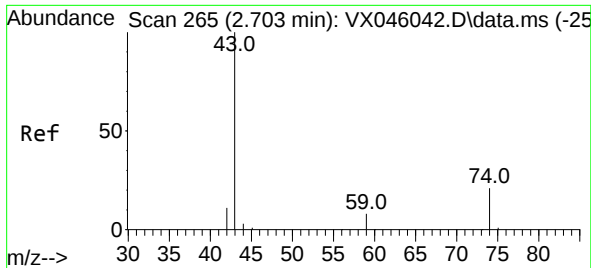
Tgt Ion:168 Resp: 71382
Ion Ratio Lower Upper
168 100
99 67.3 54.9 82.3



#16
Acetone
Concen: 54.314 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046217.D
Acq: 15 May 2025 16:31

Tgt Ion: 43 Resp: 28981
Ion Ratio Lower Upper
43 100
58 25.6 21.2 31.8

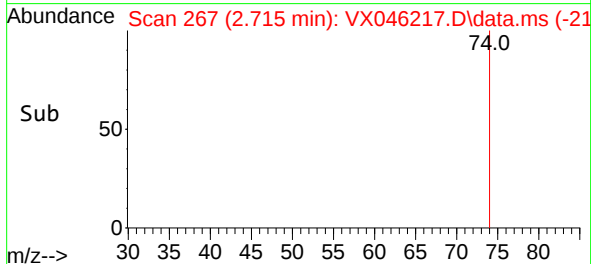
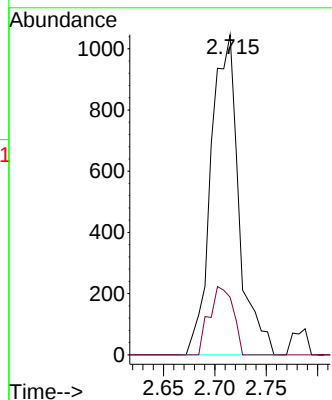
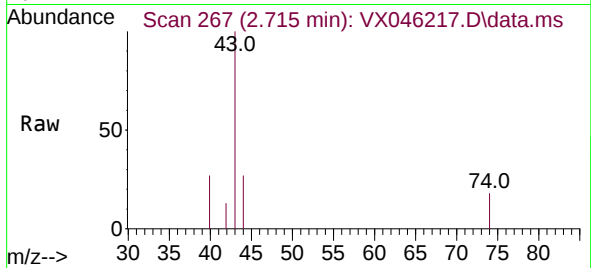




#18
Methyl Acetate
Concen: 1.584 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX046217.D
Acq: 15 May 2025 16:31

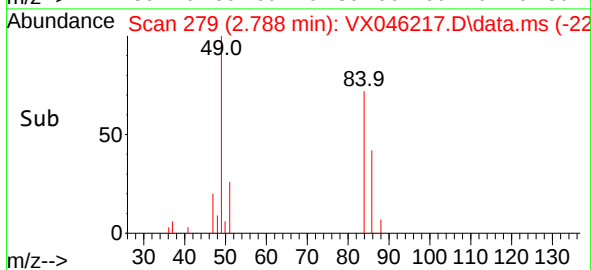
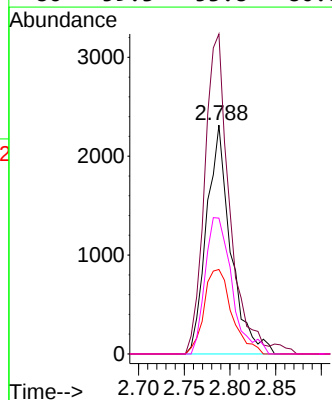
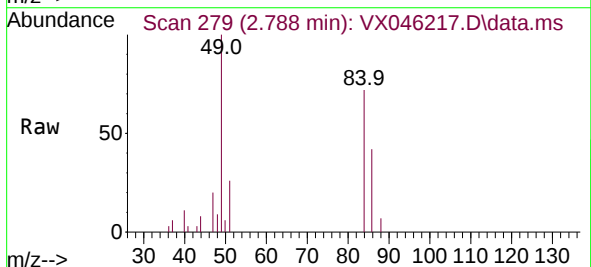
Instrument :
MSVOA_X
ClientSampleId :
MH-K

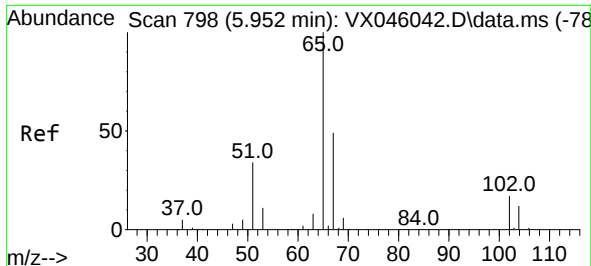
Tgt Ion: 43 Resp: 1961
Ion Ratio Lower Upper
43 100
74 18.3 16.7 25.1



#20
Methylene Chloride
Concen: 4.168 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046217.D
Acq: 15 May 2025 16:31

Tgt Ion: 84 Resp: 4262
Ion Ratio Lower Upper
84 100
49 139.8 113.9 170.9
51 36.9 33.5 50.3
86 59.3 53.8 80.8





#33

1,2-Dichloroethane-d4

Concen: 48.108 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046217.D

Acq: 15 May 2025 16:31

Instrument :

MSVOA_X

ClientSampleId :

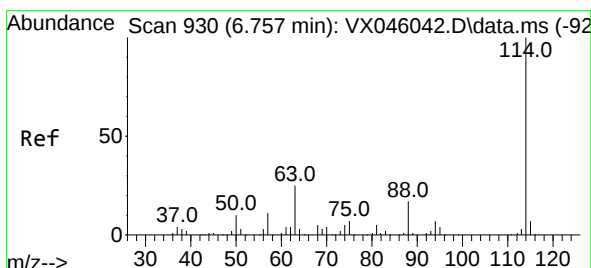
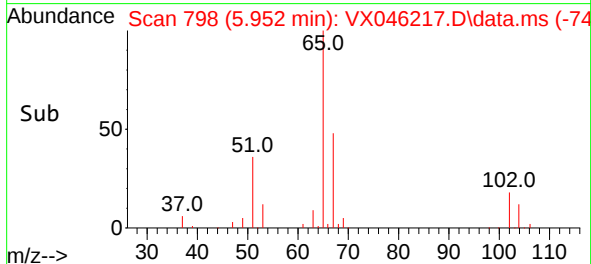
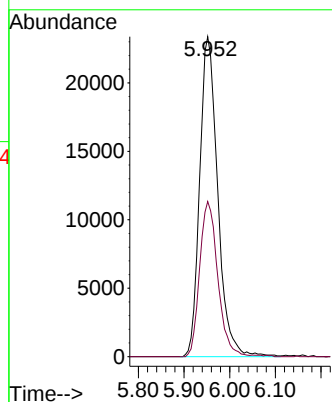
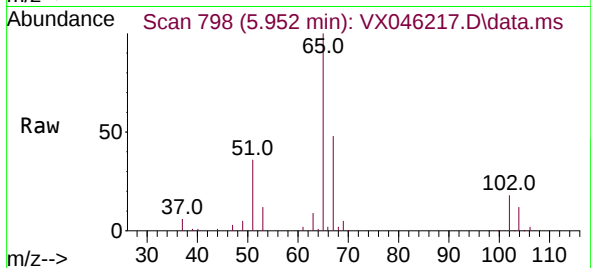
MH-K

Tgt Ion: 65 Resp: 64021

Ion Ratio Lower Upper

65 100

67 48.6 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: VX046217.D

Acq: 15 May 2025 16:31

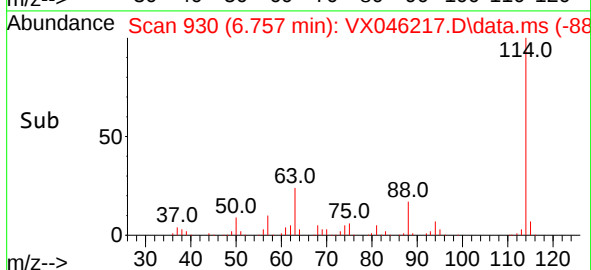
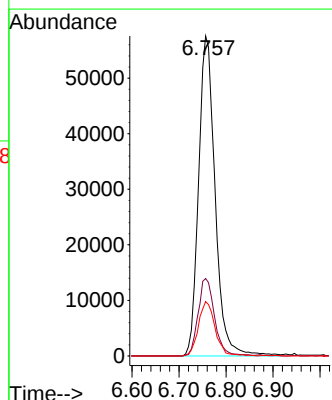
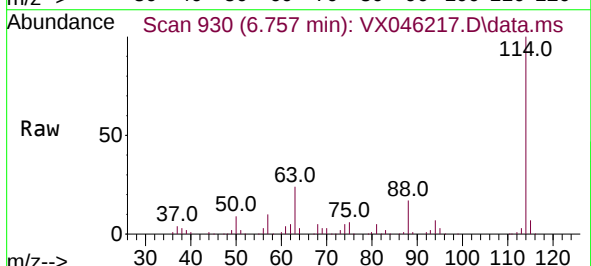
Tgt Ion: 114 Resp: 141221

Ion Ratio Lower Upper

114 100

63 24.2 0.0 49.2

88 17.0 0.0 33.6

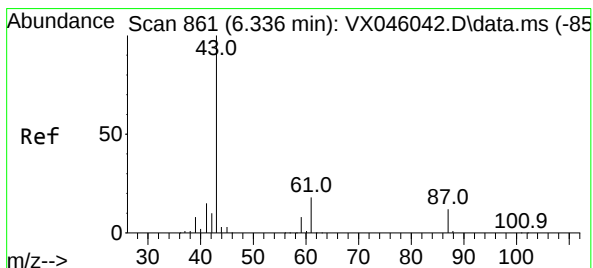
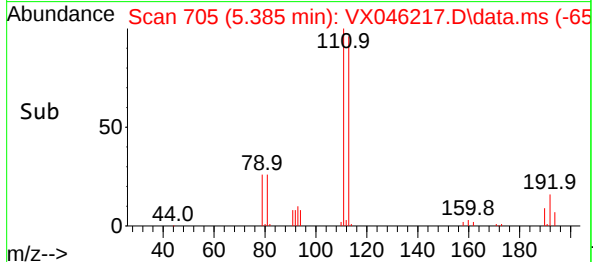
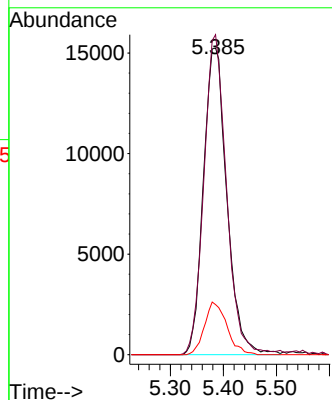
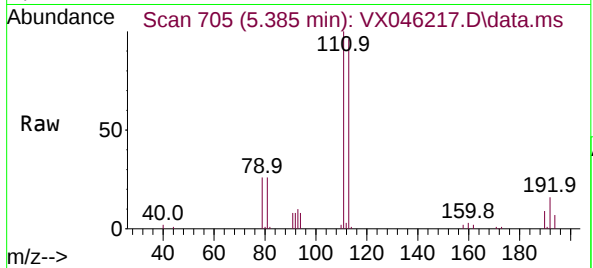




#35
Dibromofluoromethane
Concen: 46.189 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046217.D
Acq: 15 May 2025 16:31

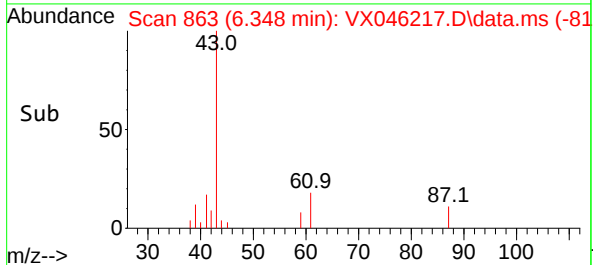
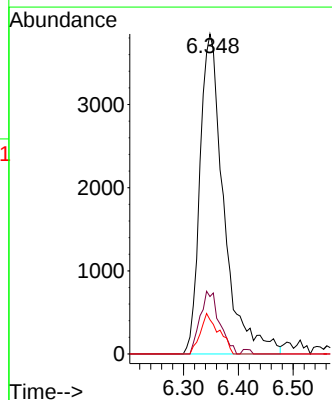
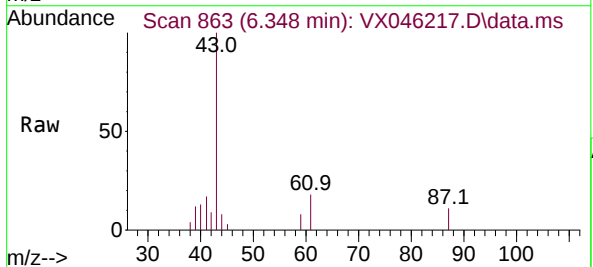
Instrument :
MSVOA_X
ClientSampleId :
MH-K

Tgt Ion:113 Resp: 46971
Ion Ratio Lower Upper
113 100
111 100.5 83.1 124.7
192 16.4 13.3 19.9



#43
Isopropyl Acetate
Concen: 4.515 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX046217.D
Acq: 15 May 2025 16:31

Tgt Ion: 43 Resp: 11628
Ion Ratio Lower Upper
43 100
61 15.9 14.3 21.5
87 9.8 9.5 14.3

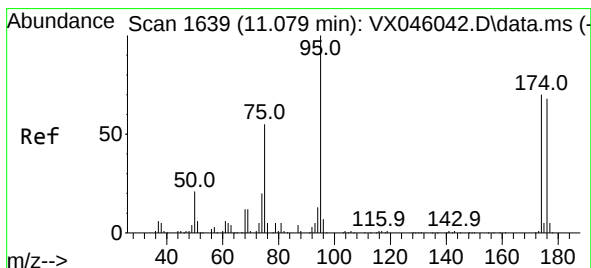
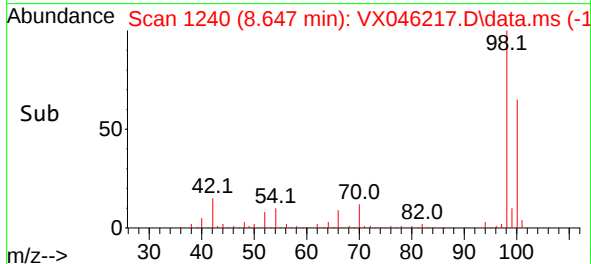
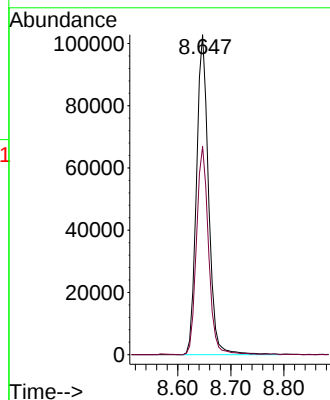
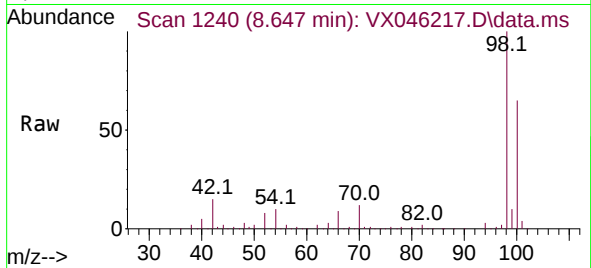




#50
Toluene-d8
Concen: 46.036 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046217.D
Acq: 15 May 2025 16:31

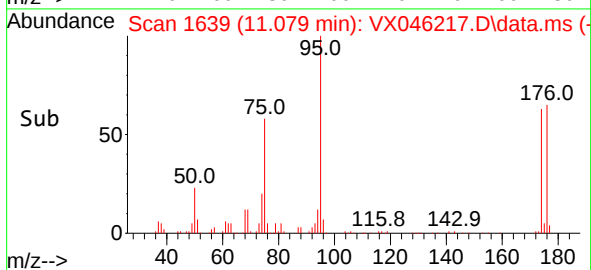
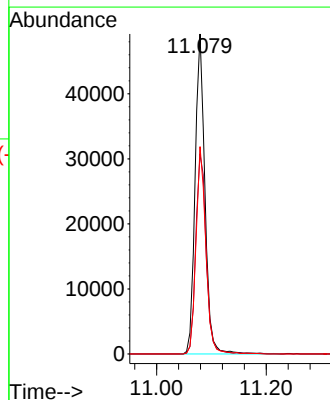
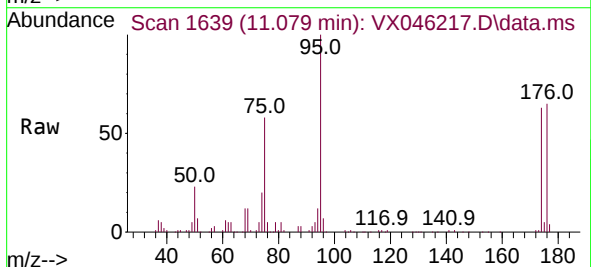
Instrument :
MSVOA_X
ClientSampleId :
MH-K

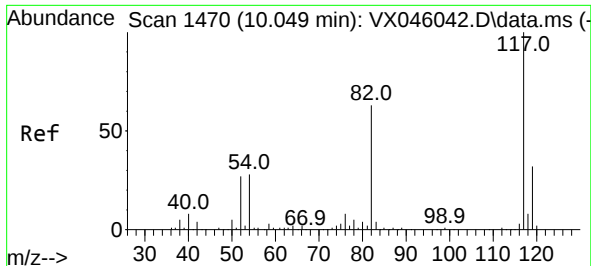
Tgt Ion: 98 Resp: 162035
Ion Ratio Lower Upper
98 100
100 65.2 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 45.765 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046217.D
Acq: 15 May 2025 16:31

Tgt Ion: 95 Resp: 61789
Ion Ratio Lower Upper
95 100
174 66.3 0.0 135.8
176 64.6 0.0 131.4

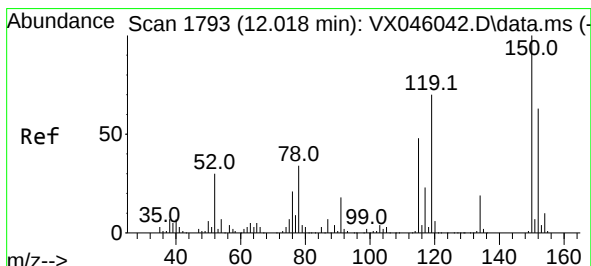
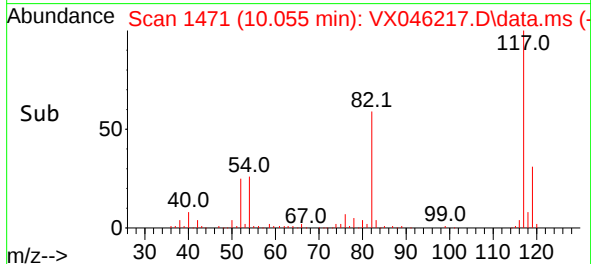
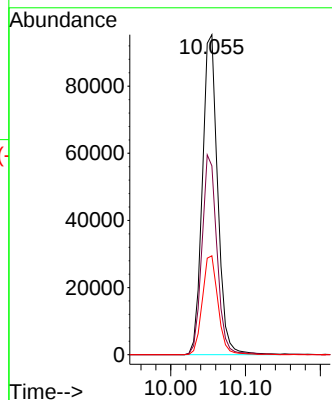
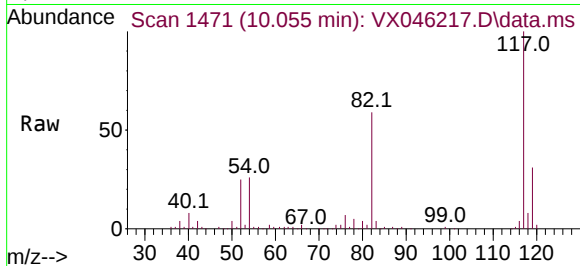




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046217.D
Acq: 15 May 2025 16:31

Instrument :
MSVOA_X
ClientSampleId :
MH-K

Tgt Ion:117 Resp: 135427
Ion Ratio Lower Upper
117 100
82 59.0 50.6 76.0
119 30.9 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: VX046217.D
Acq: 15 May 2025 16:31

Tgt Ion:152 Resp: 56611
Ion Ratio Lower Upper
152 100
115 66.6 46.9 140.7
150 156.8 0.0 351.0

