

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060325\
 Data File : VX046465.D
 Acq On : 03 Jun 2025 12:13
 Operator : JC/MD
 Sample : Q2186-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VPB182-HYD-20250530

Quant Time: Jun 04 01:25:24 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)

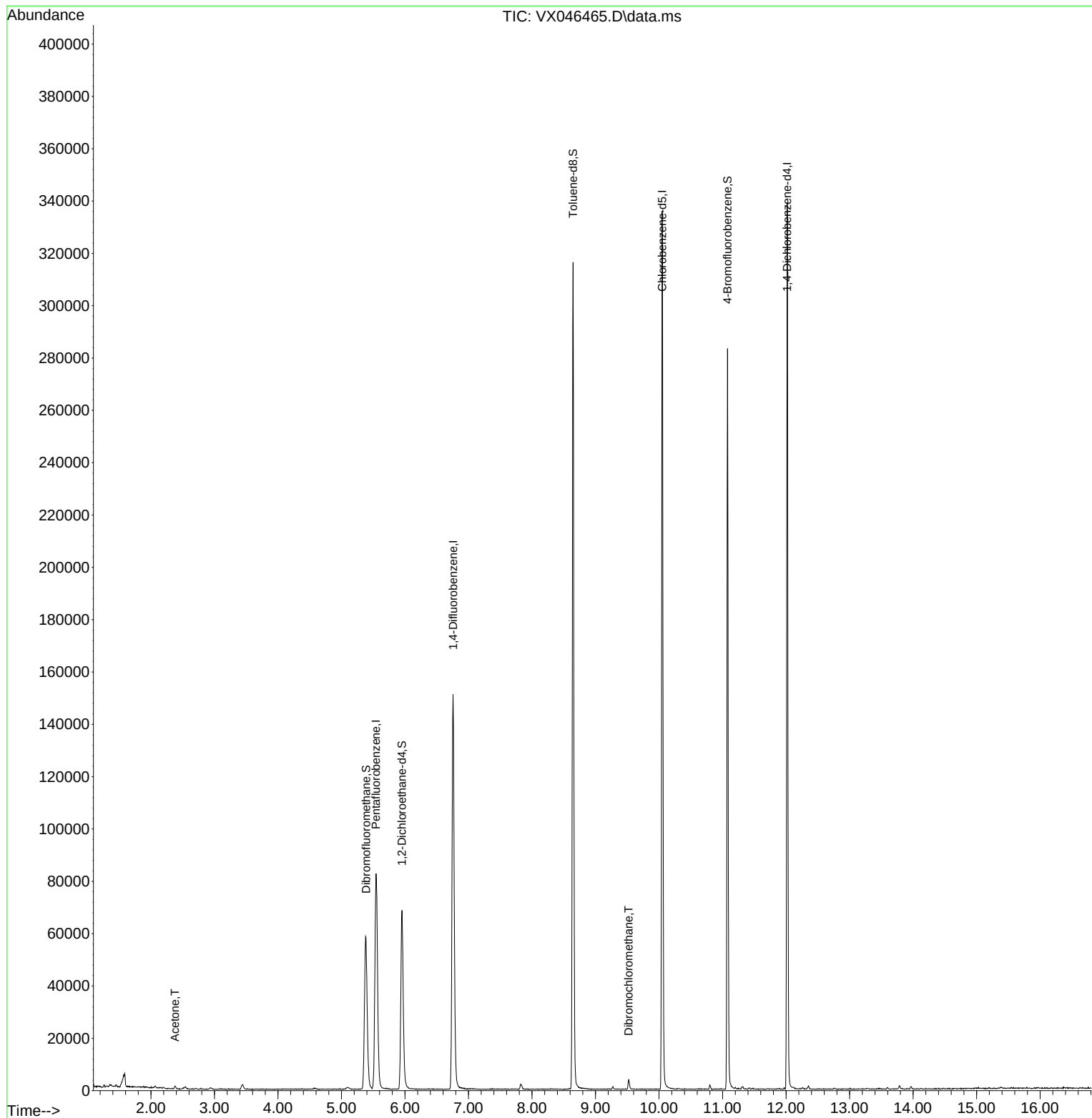
Internal Standards						
1) Pentafluorobenzene	5.544	168	72286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	144078	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	137138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69043	51.232	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.460%
35) Dibromofluoromethane	5.385	113	51094	49.247	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.500%
50) Toluene-d8	8.647	98	179500	49.986	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.980%
62) 4-Bromofluorobenzene	11.079	95	72967	52.973	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.940%
Target Compounds						
16) Acetone	2.380	43	1333	2.467	ug/l #	74
60) Dibromochloromethane	9.519	129	1867	1.722	ug/l	93

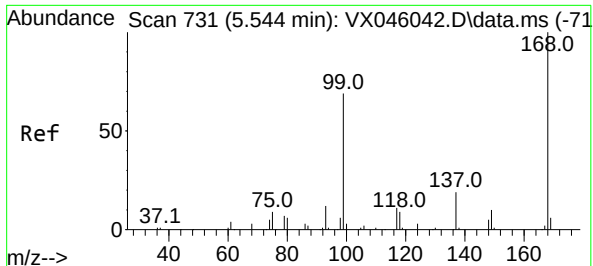
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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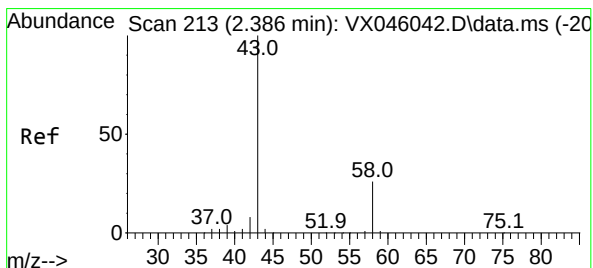
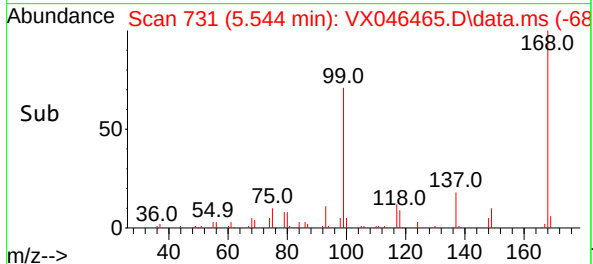
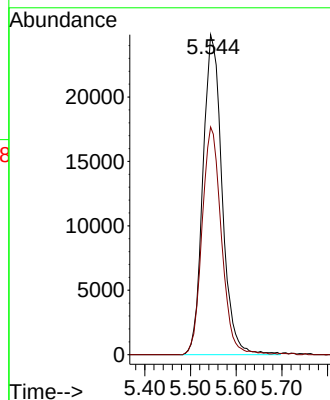
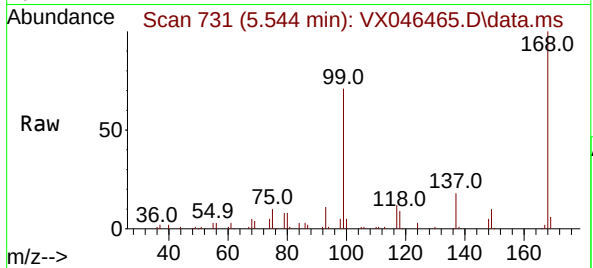




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046465.D
Acq: 03 Jun 2025 12:13

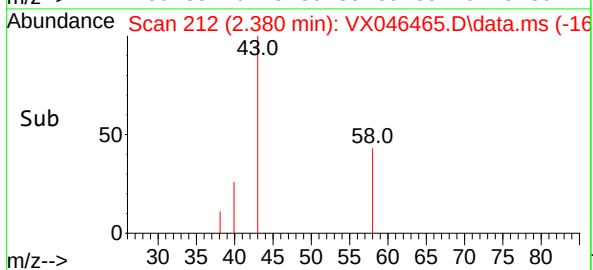
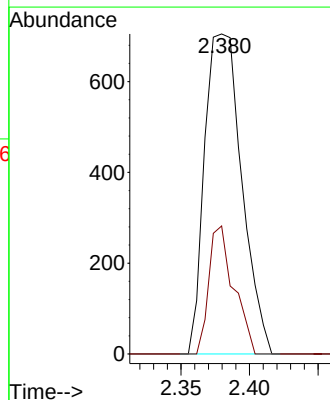
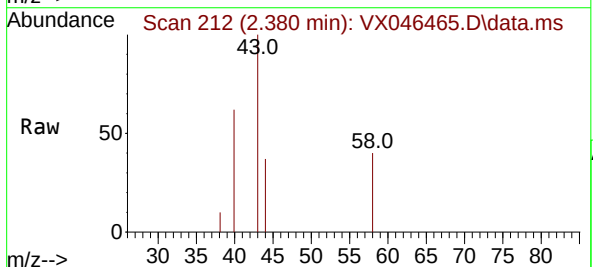
Instrument :
MSVOA_X
ClientSampleId :
VPB182-HYD-20250530

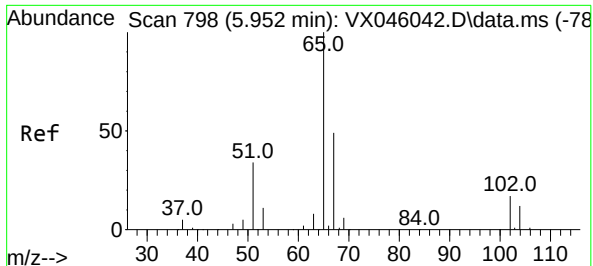
Tgt Ion:168 Resp: 72286
Ion Ratio Lower Upper
168 100
99 71.1 54.9 82.3



#16
Acetone
Concen: 2.467 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046465.D
Acq: 03 Jun 2025 12:13

Tgt Ion: 43 Resp: 1333
Ion Ratio Lower Upper
43 100
58 40.0 21.2 31.8#





#33

1,2-Dichloroethane-d4

Concen: 51.232 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046465.D

Acq: 03 Jun 2025 12:13

Instrument :

MSVOA_X

ClientSampleId :

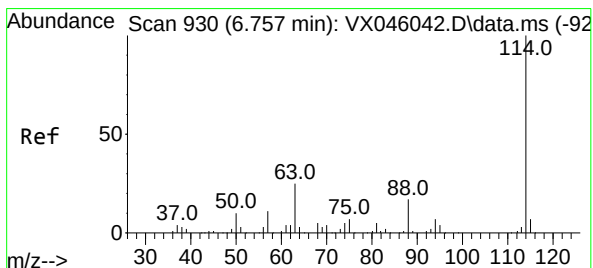
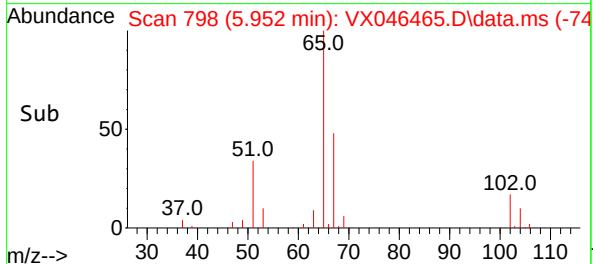
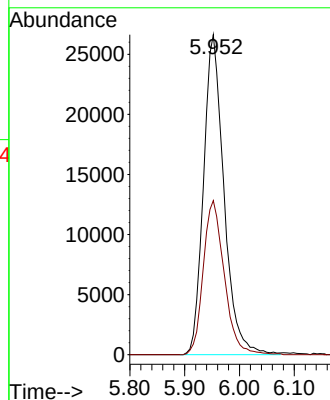
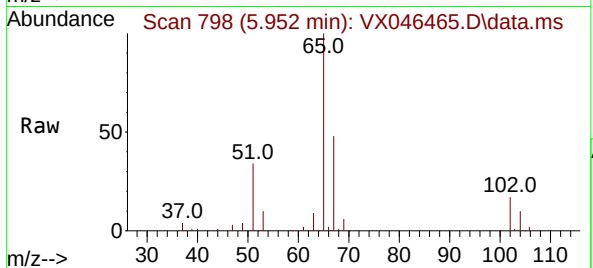
VPB182-HYD-20250530

Tgt Ion: 65 Resp: 69043

Ion Ratio Lower Upper

65 100

67 49.4 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: VX046465.D

Acq: 03 Jun 2025 12:13

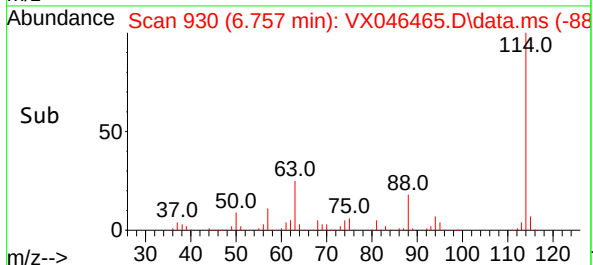
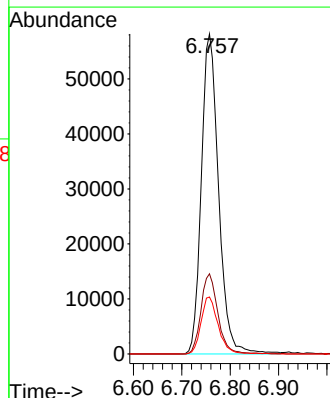
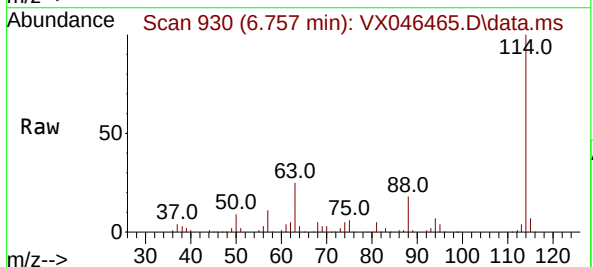
Tgt Ion: 114 Resp: 144078

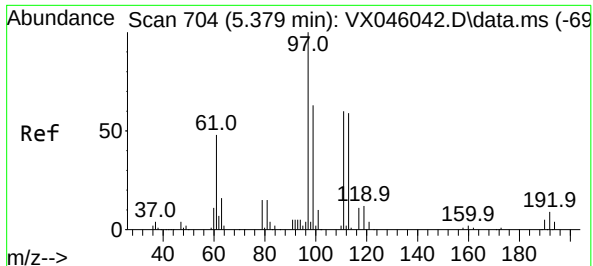
Ion Ratio Lower Upper

114 100

63 25.1 0.0 49.2

88 17.8 0.0 33.6

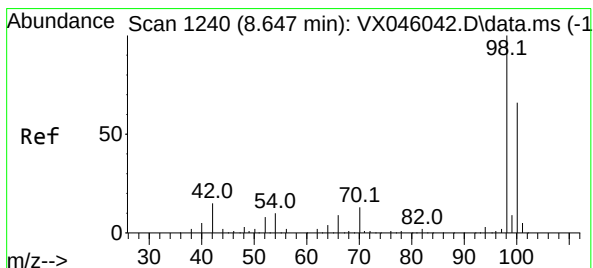
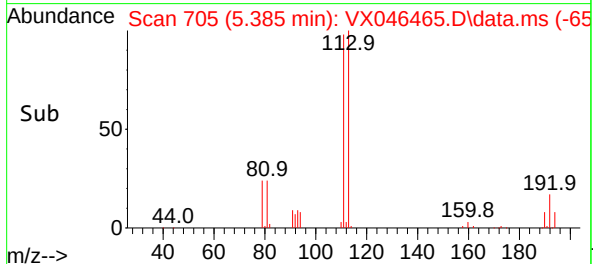
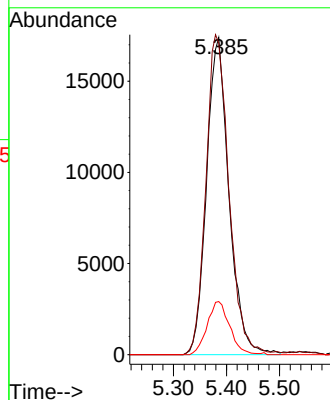
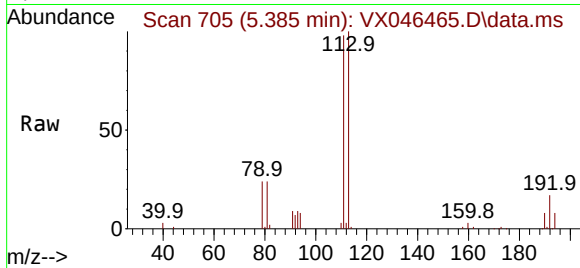




#35
Dibromofluoromethane
Concen: 49.247 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046465.D
Acq: 03 Jun 2025 12:13

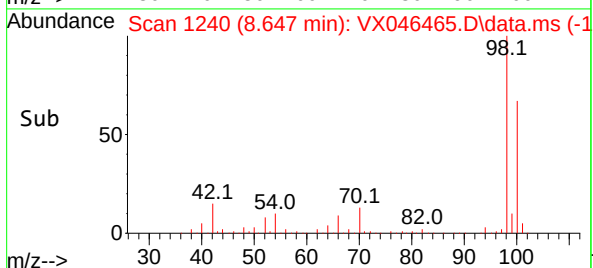
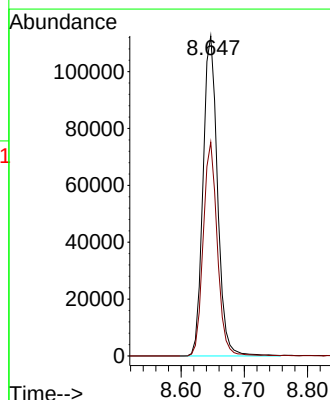
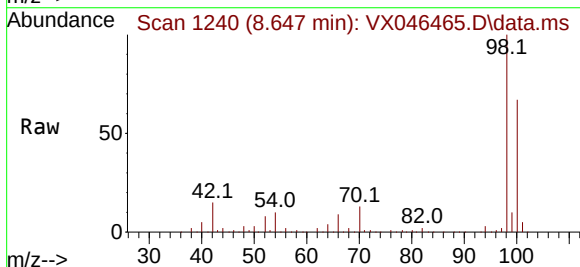
Instrument :
MSVOA_X
ClientSampleId :
VPB182-HYD-20250530

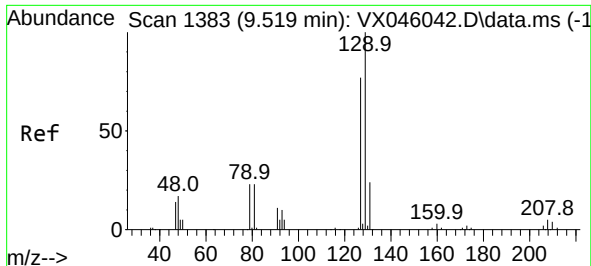
Tgt Ion:113 Resp: 51094
Ion Ratio Lower Upper
113 100
111 103.4 83.1 124.7
192 16.7 13.3 19.9



#50
Toluene-d8
Concen: 49.986 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046465.D
Acq: 03 Jun 2025 12:13

Tgt Ion: 98 Resp: 179500
Ion Ratio Lower Upper
98 100
100 65.1 53.5 80.3

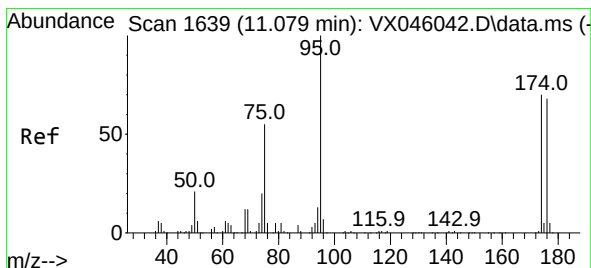
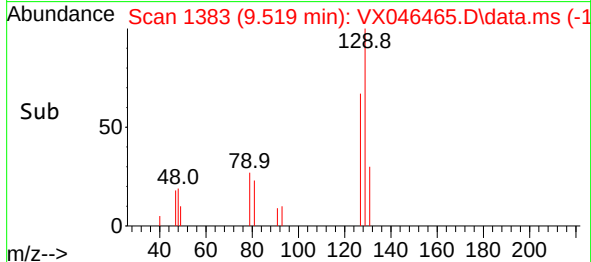
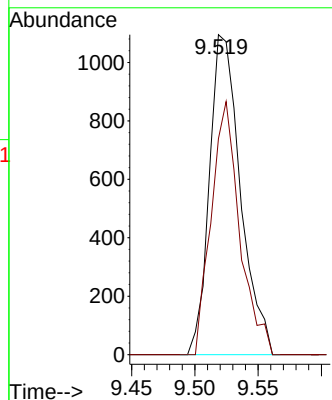
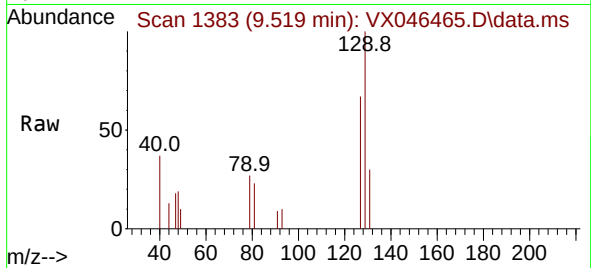




#60
Dibromochloromethane
Concen: 1.722 ug/l
RT: 9.519 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046465.D
Acq: 03 Jun 2025 12:13

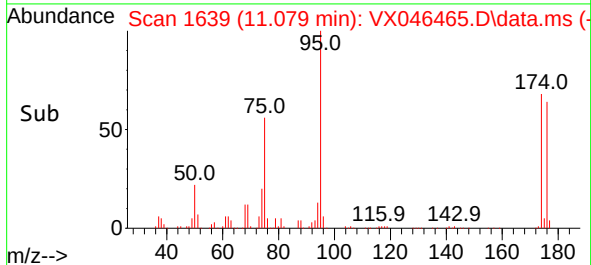
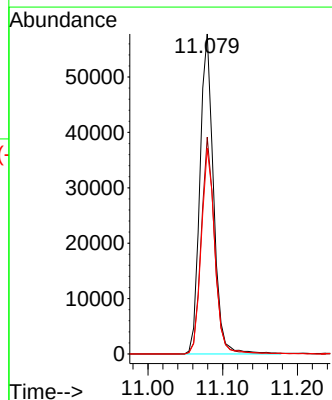
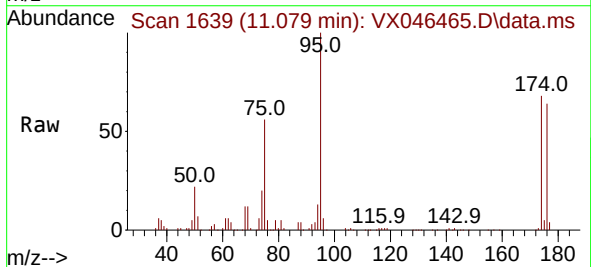
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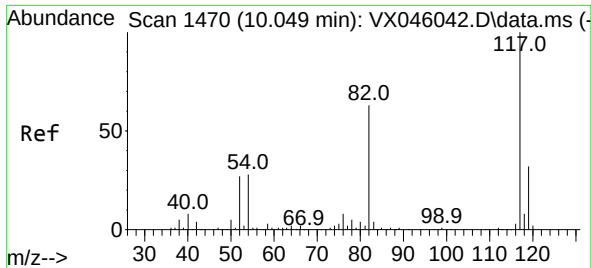
Tgt Ion:129 Resp: 1867
Ion Ratio Lower Upper
129 100
127 72.7 39.3 117.8



#62
4-Bromofluorobenzene
Concen: 52.973 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046465.D
Acq: 03 Jun 2025 12:13

Tgt Ion: 95 Resp: 72967
Ion Ratio Lower Upper
95 100
174 66.2 0.0 135.8
176 64.5 0.0 131.4

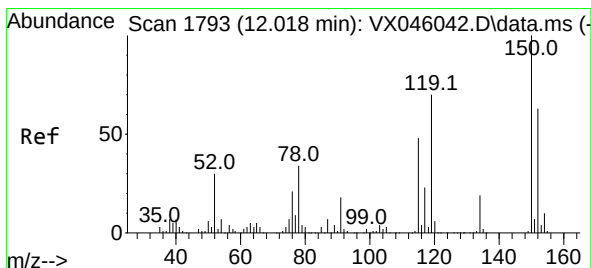
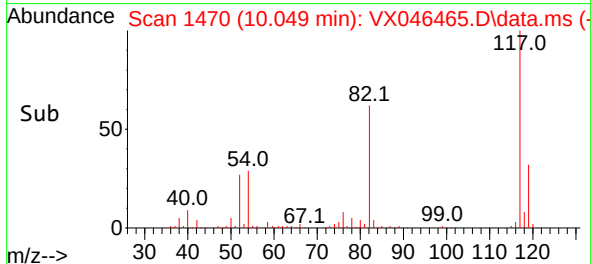
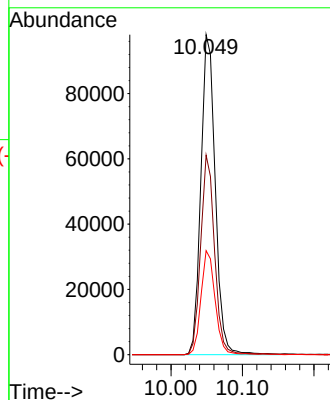
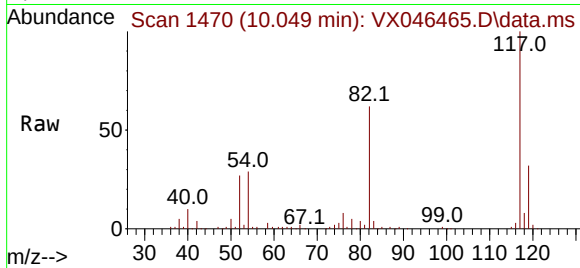




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046465.D
Acq: 03 Jun 2025 12:13

Instrument :
MSVOA_X
ClientSampleId :
VPB182-HYD-20250530

Tgt Ion:117 Resp: 137138
Ion Ratio Lower Upper
117 100
82 62.4 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# 1793
Delta R.T. 0.000 min
Lab File: VX046465.D
Acq: 03 Jun 2025 12:13

Tgt Ion:152 Resp: 61107
Ion Ratio Lower Upper
152 100
115 64.6 46.9 140.7
150 156.0 0.0 351.0

