

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
 Data File : VX044909.D
 Acq On : 11 Feb 2025 16:24
 Operator : JC/MD
 Sample : Q1327-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VPB192-HYD-20250204

Quant Time: Feb 12 02:44:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

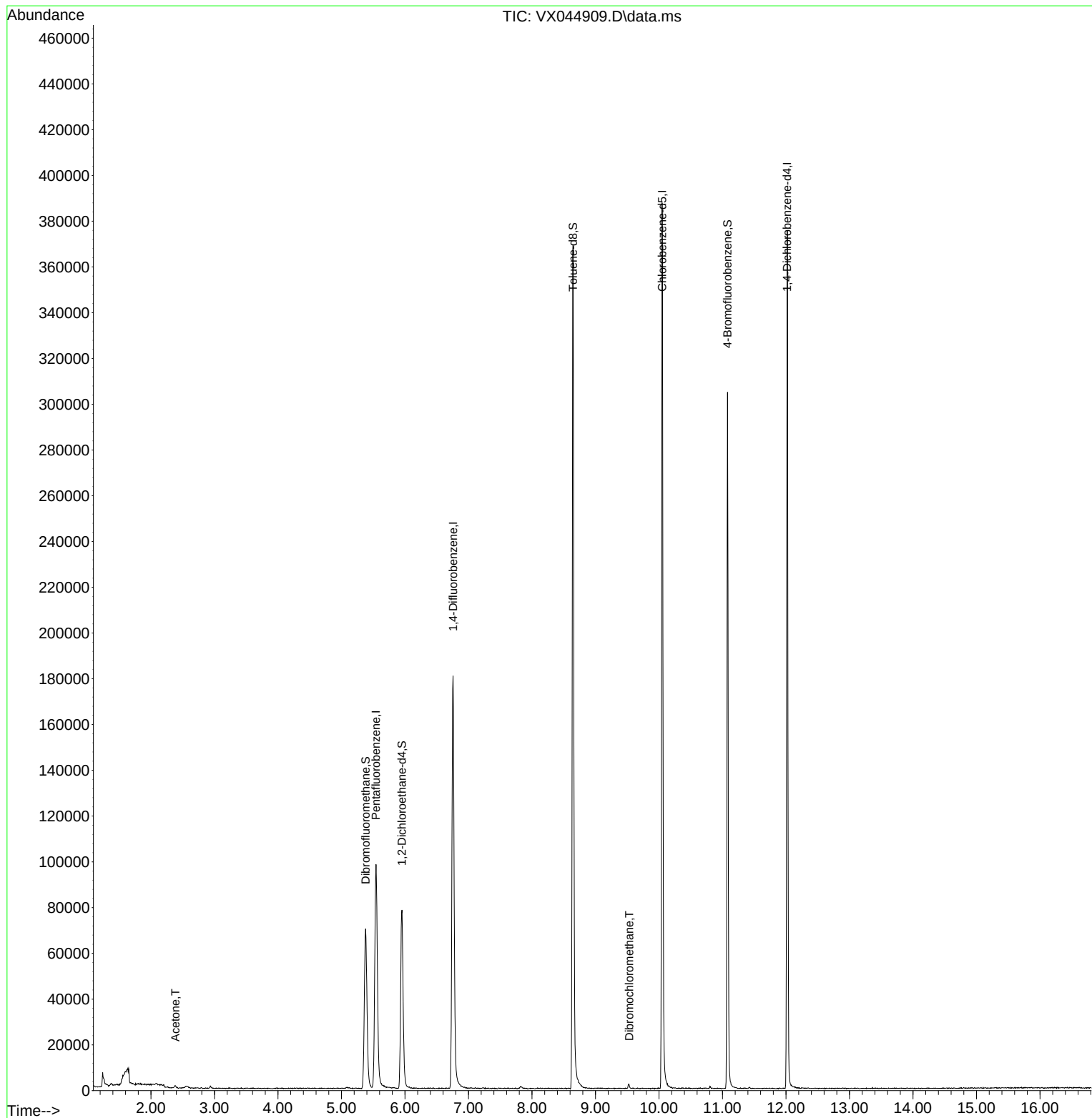
Internal Standards						
1) Pentafluorobenzene	5.544	168	94029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	191186	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	175343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73720	53.559	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.120%	
35) Dibromofluoromethane	5.379	113	62523	50.299	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.600%	
50) Toluene-d8	8.647	98	235683	50.141	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.280%	
62) 4-Bromofluorobenzene	11.079	95	81501	51.433	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.860%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1192	2.154	ug/l #	84
60) Dibromochloromethane	9.531	129	1044	0.761	ug/l	98

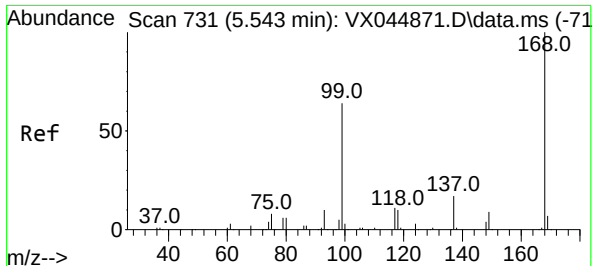
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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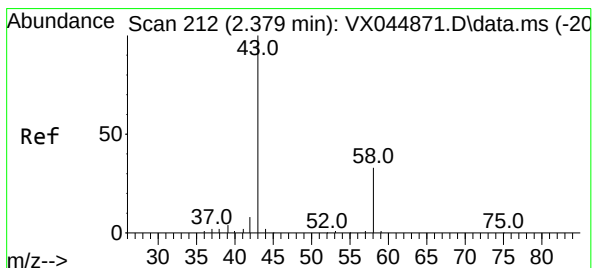
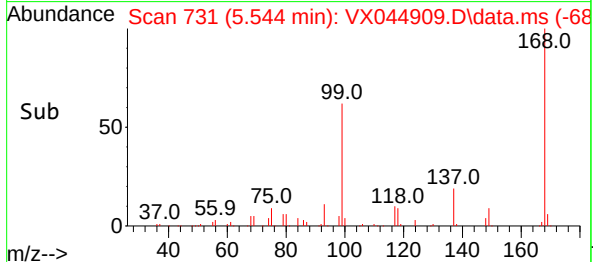
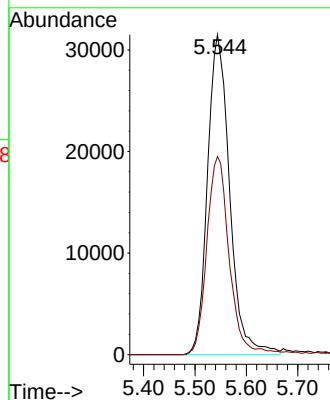
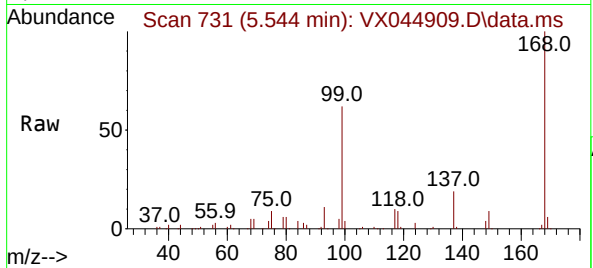




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044909.D
Acq: 11 Feb 2025 16:24

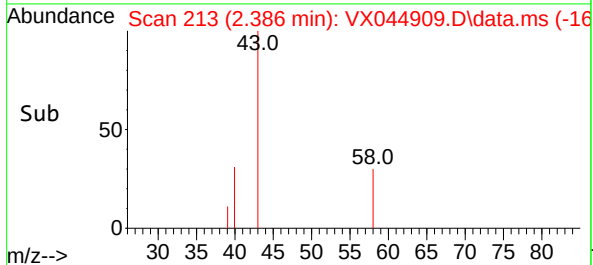
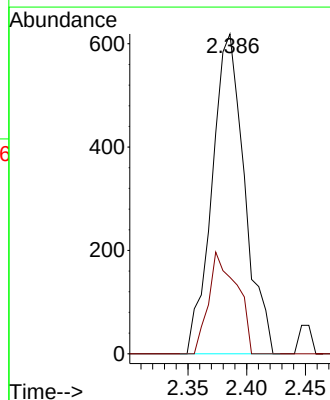
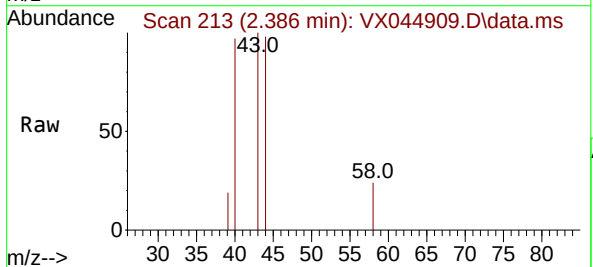
Instrument :
MSVOA_X
ClientSampleId :
VPB192-HYD-20250204

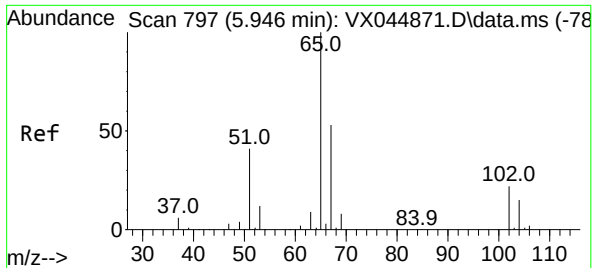
Tgt Ion:168 Resp: 94029
Ion Ratio Lower Upper
168 100
99 61.9 51.2 76.8



#16
Acetone
Concen: 2.154 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.007 min
Lab File: VX044909.D
Acq: 11 Feb 2025 16:24

Tgt Ion: 43 Resp: 1192
Ion Ratio Lower Upper
43 100
58 23.9 26.5 39.7#

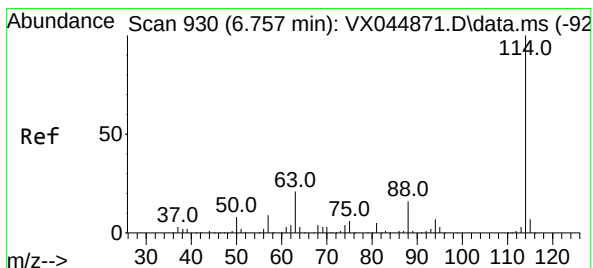
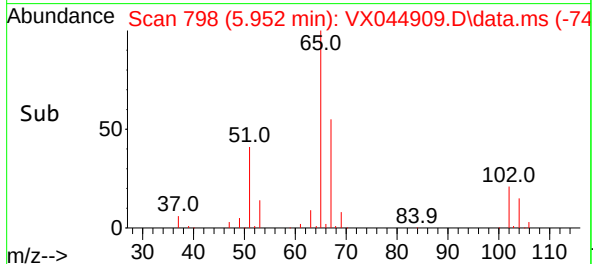
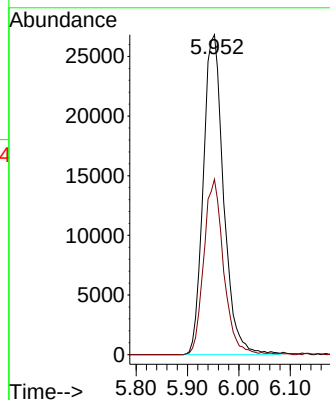
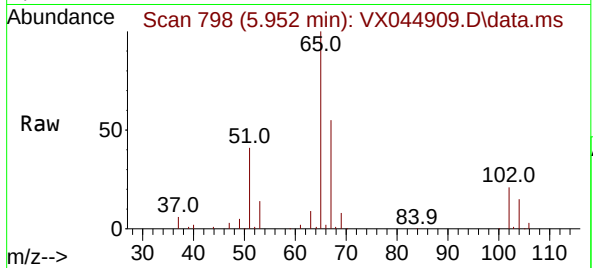




#33
 1,2-Dichloroethane-d4
 Concen: 53.559 ug/l
 RT: 5.952 min Scan# 797
 Delta R.T. 0.007 min
 Lab File: VX044909.D
 Acq: 11 Feb 2025 16:24

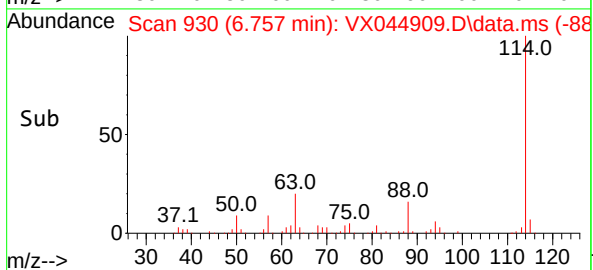
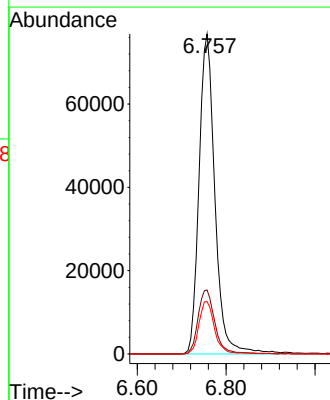
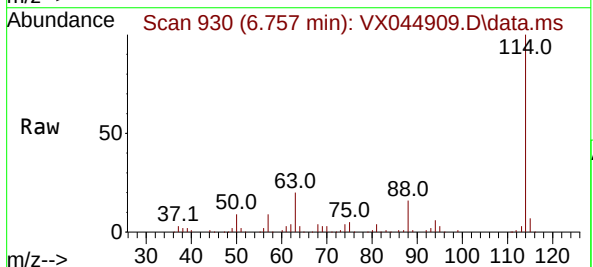
Instrument :
 MSVOA_X
 ClientSampleId :
 VPB192-HYD-20250204

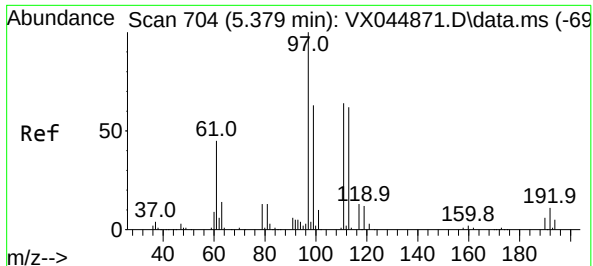
Tgt Ion: 65 Resp: 73720
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX044909.D
 Acq: 11 Feb 2025 16:24

Tgt Ion: 114 Resp: 191186
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.4
 88 16.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.299 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX044909.D

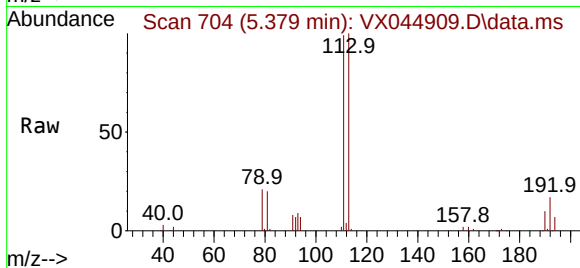
Acq: 11 Feb 2025 16:24

Instrument :

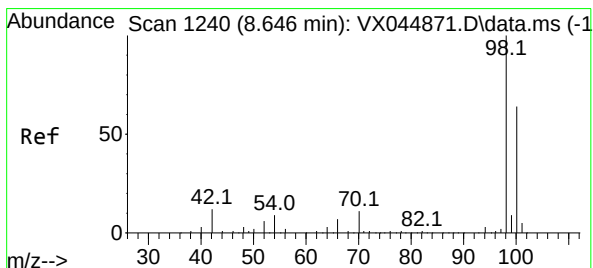
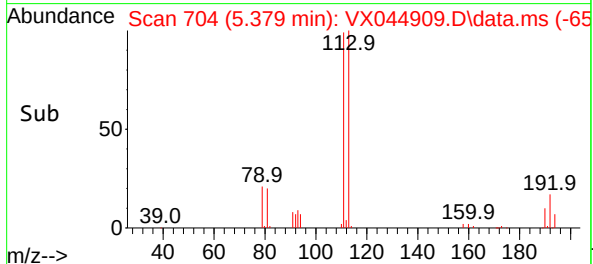
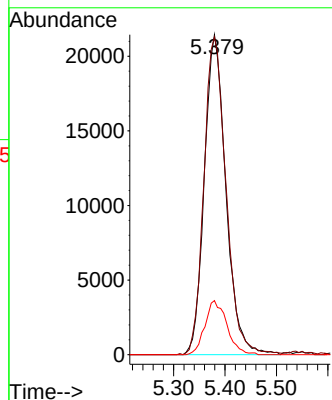
MSVOA_X

ClientSampleId :

VPB192-HYD-20250204



Tgt Ion:	113	Resp:	62523
Ion Ratio	Lower	Upper	
113	100		
111	102.1	83.5	125.3
192	17.2	14.4	21.6



#50

Toluene-d8

Concen: 50.141 ug/l

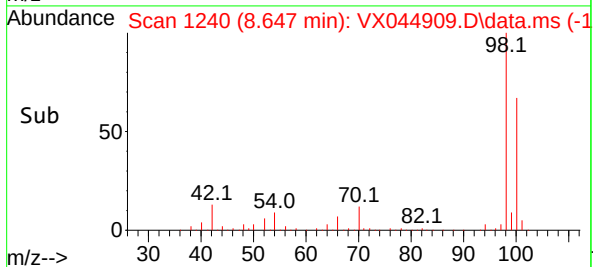
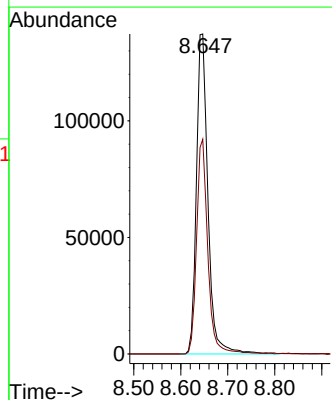
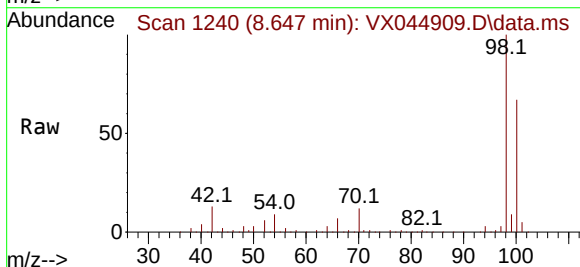
RT: 8.647 min Scan# 1240

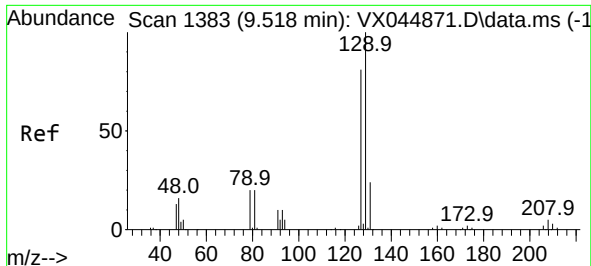
Delta R.T. 0.000 min

Lab File: VX044909.D

Acq: 11 Feb 2025 16:24

Tgt Ion:	98	Resp:	235683
Ion Ratio	Lower	Upper	
98	100		
100	65.2	52.7	79.1

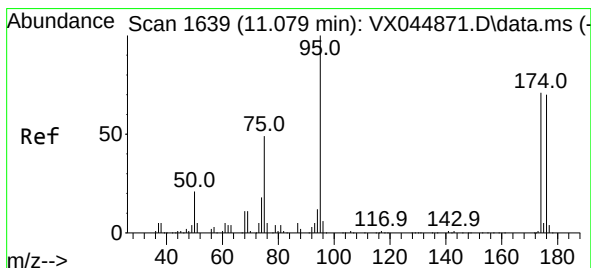
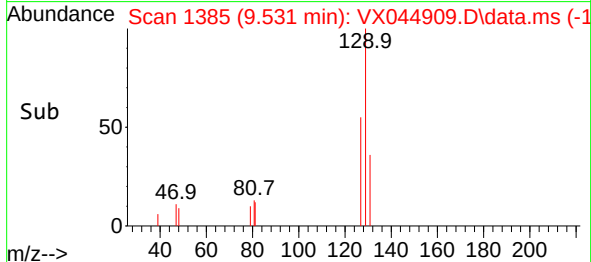
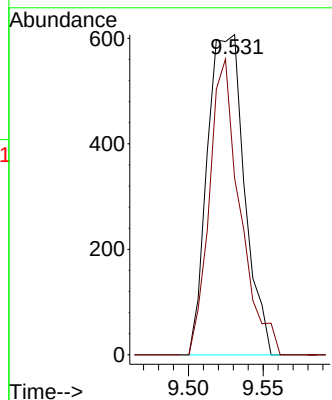
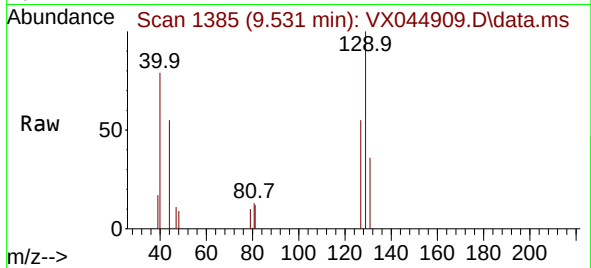




#60
Dibromochloromethane
Concen: 0.761 ug/l
RT: 9.531 min Scan# 11
Delta R.T. 0.013 min
Lab File: VX044909.D
Acq: 11 Feb 2025 16:24

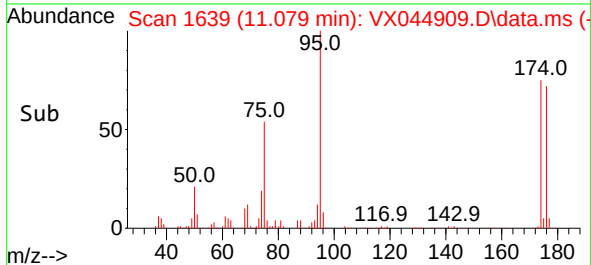
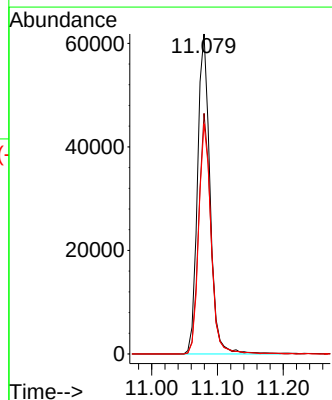
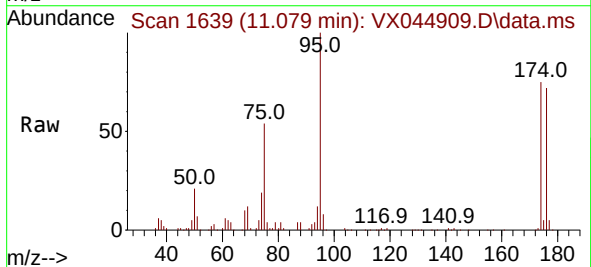
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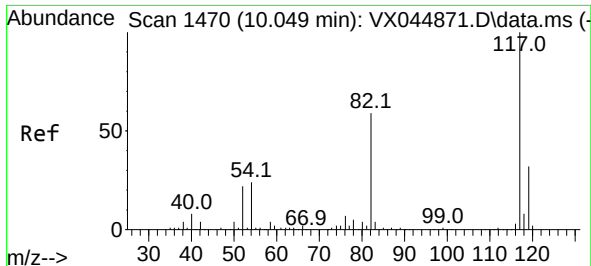
Tgt Ion:129 Resp: 1044
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.3



#62
4-Bromofluorobenzene
Concen: 51.433 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044909.D
Acq: 11 Feb 2025 16:24

Tgt Ion: 95 Resp: 81501
Ion Ratio Lower Upper
95 100
174 73.1 0.0 142.6
176 71.2 0.0 141.6

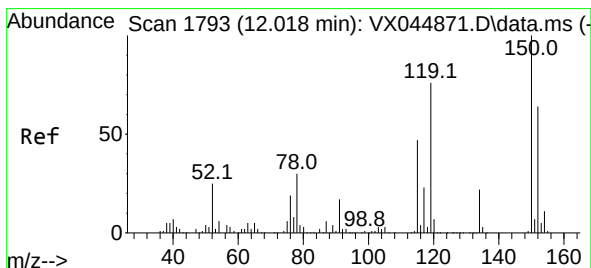
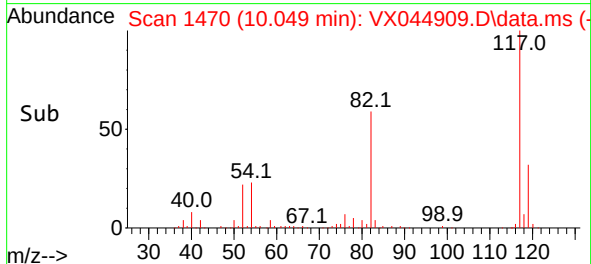
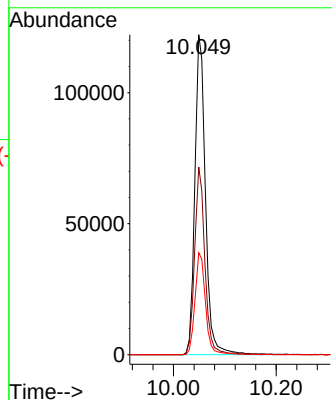
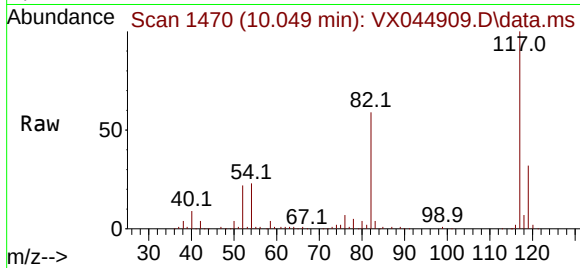




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044909.D
Acq: 11 Feb 2025 16:24

Instrument :
MSVOA_X
ClientSampleId :
VPB192-HYD-20250204

Tgt Ion:117 Resp: 175343
Ion Ratio Lower Upper
117 100
82 58.6 47.5 71.3
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044909.D
Acq: 11 Feb 2025 16:24

Tgt Ion:152 Resp: 74493
Ion Ratio Lower Upper
152 100
115 62.2 43.4 130.1
150 156.0 0.0 350.4

