

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
 Data File : VX038984.D
 Acq On : 21 Nov 2023 15:04
 Operator : JC/MD
 Sample : 05405-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB05-20231113

Quant Time: Nov 22 03:20:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

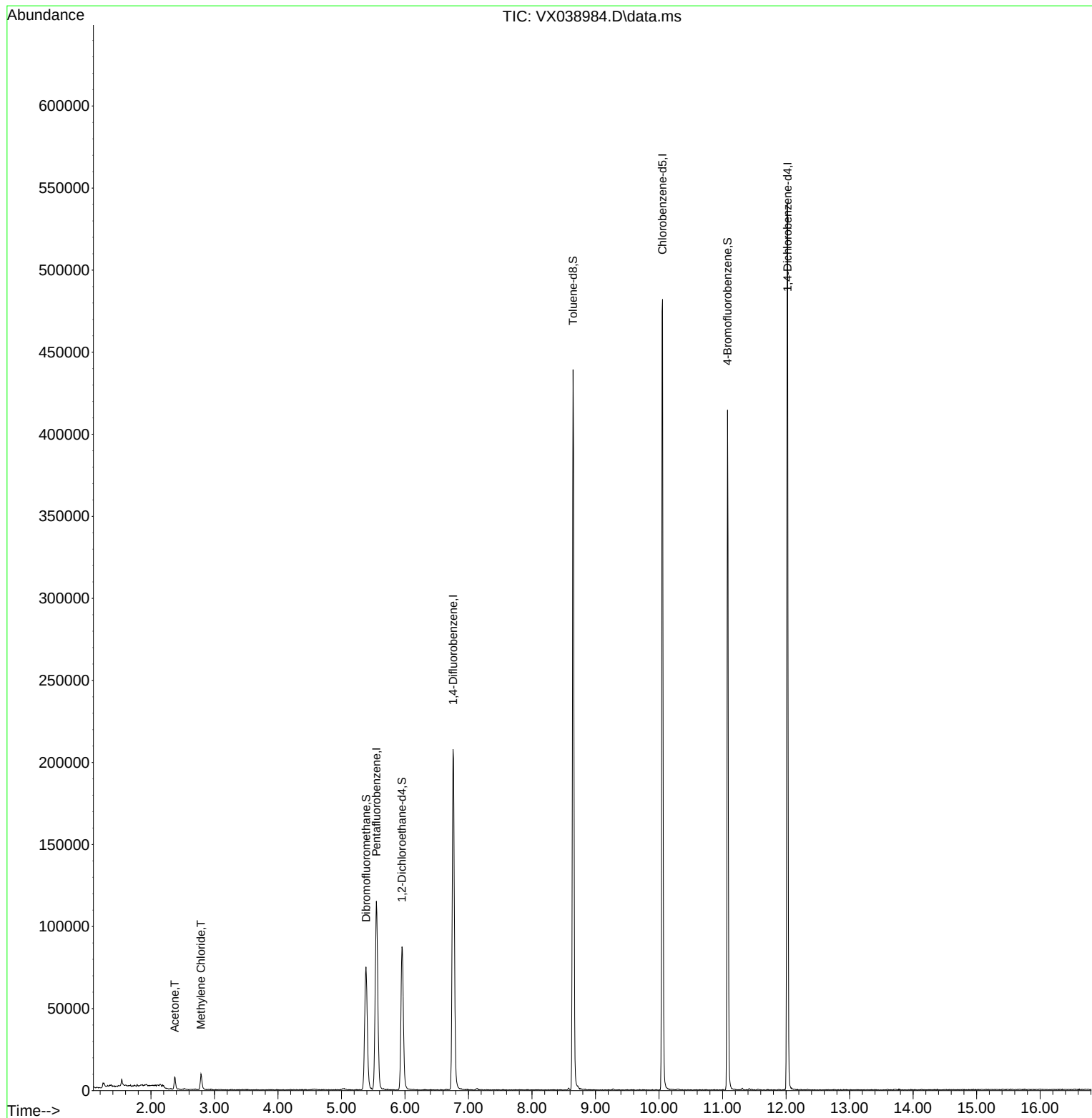
Internal Standards						
1) Pentafluorobenzene	5.550	168	99444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	204936	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83846	52.326	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.660%	
35) Dibromofluoromethane	5.385	113	66861	45.173	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.340%	
50) Toluene-d8	8.647	98	264171	46.649	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 93.300%	
62) 4-Bromofluorobenzene	11.079	95	113828	50.213	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.420%	
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	8340	9.777	ug/l	97
20) Methylene Chloride	2.788	84	4148	2.698	ug/l	93

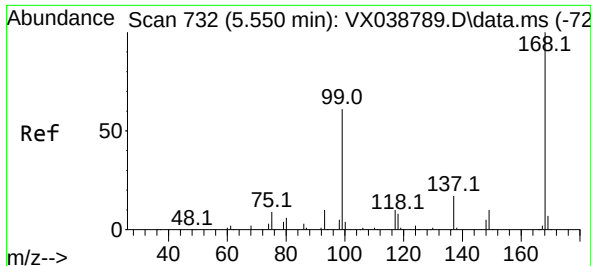
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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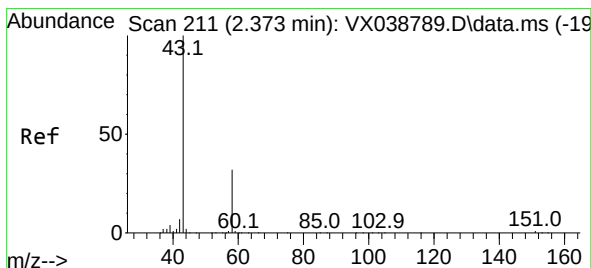
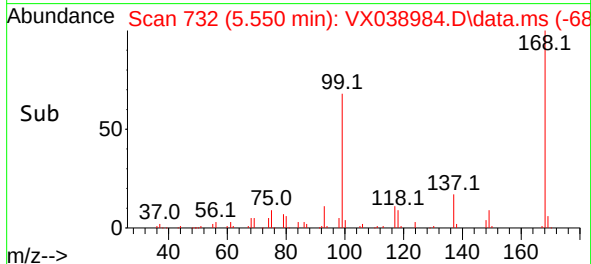
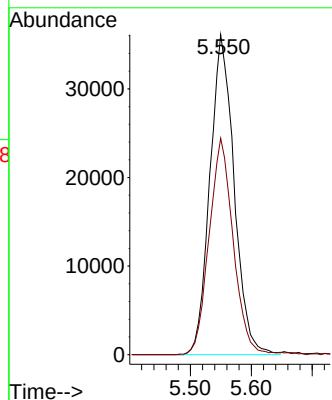
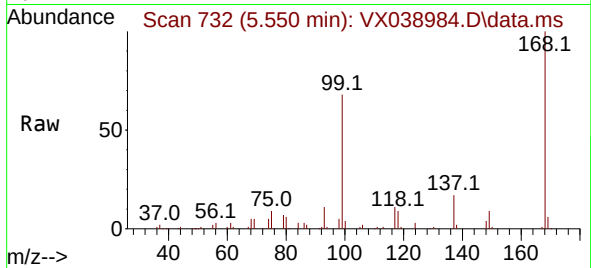




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX038984.D
Acq: 21 Nov 2023 15:04

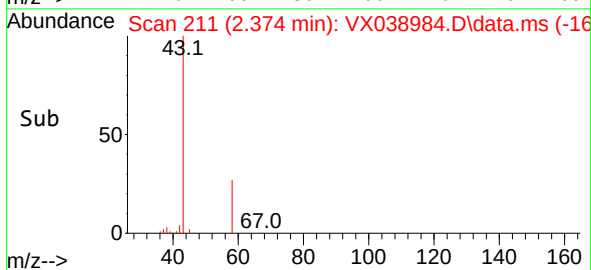
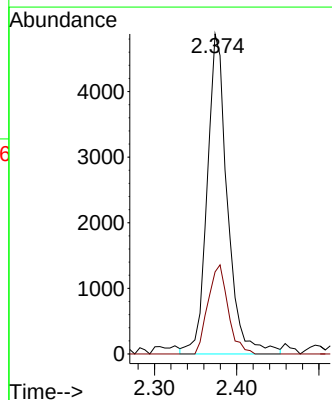
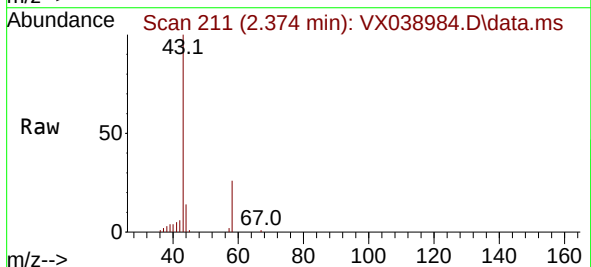
Instrument :
MSVOA_X
ClientSampleId :
TB05-20231113

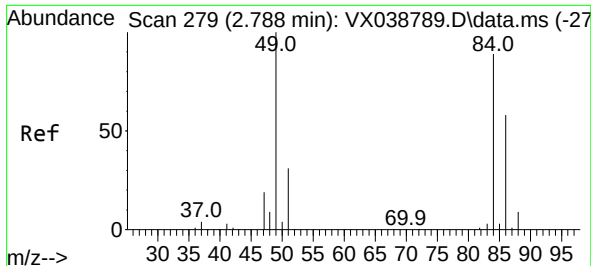
Tgt Ion:168 Resp: 99444
Ion Ratio Lower Upper
168 100
99 67.5 56.6 85.0



#16
Acetone
Concen: 9.777 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038984.D
Acq: 21 Nov 2023 15:04

Tgt Ion: 43 Resp: 8340
Ion Ratio Lower Upper
43 100
58 26.0 21.9 32.9

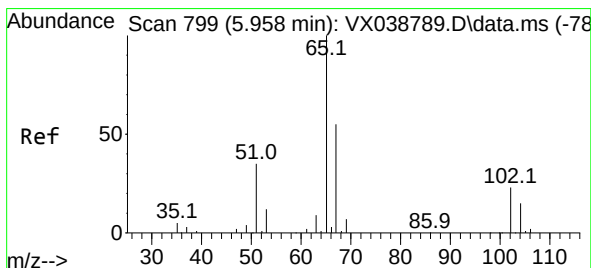
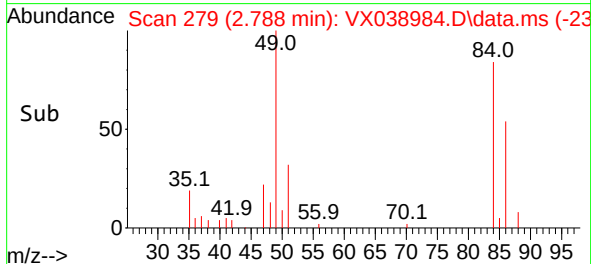
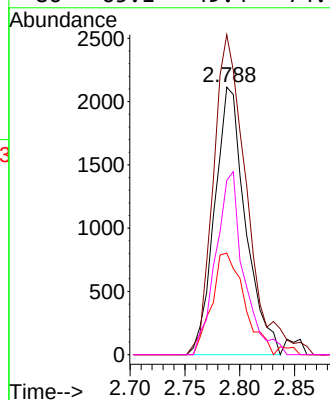
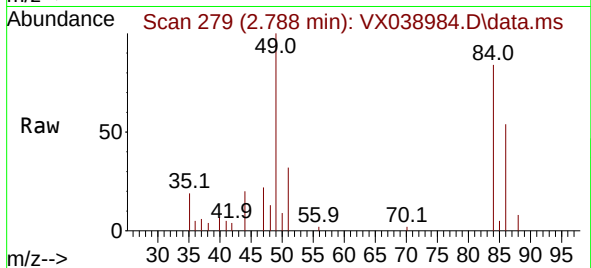




#20
Methylene Chloride
Concen: 2.698 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038984.D
Acq: 21 Nov 2023 15:04

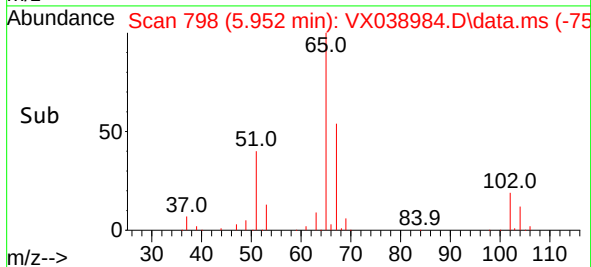
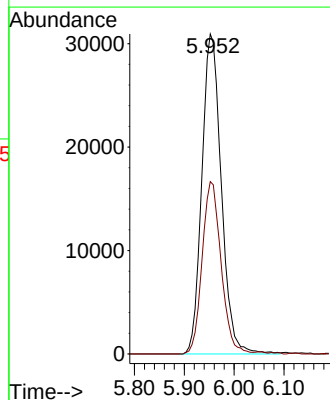
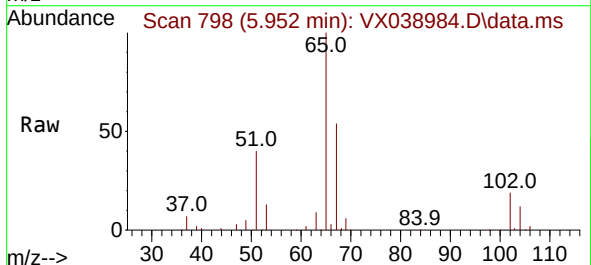
Instrument :
MSVOA_X
ClientSampleId :
TB05-20231113

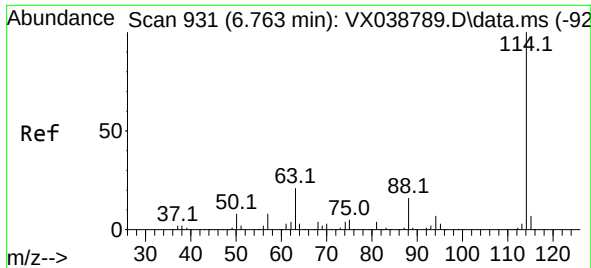
Tgt Ion:	84	Resp:	4148
Ion	Ratio	Lower	Upper
84	100		
49	119.6	103.6	155.4
51	38.0	33.8	50.6
86	65.1	49.4	74.0



#33
1,2-Dichloroethane-d4
Concen: 52.326 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038984.D
Acq: 21 Nov 2023 15:04

Tgt Ion:	65	Resp:	83846
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	100.2

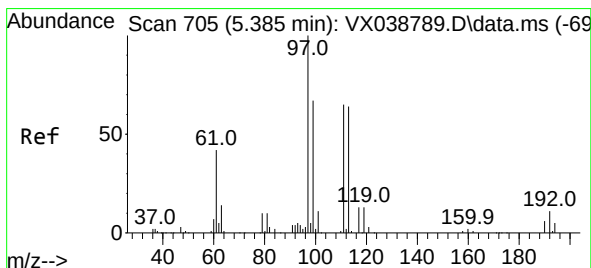
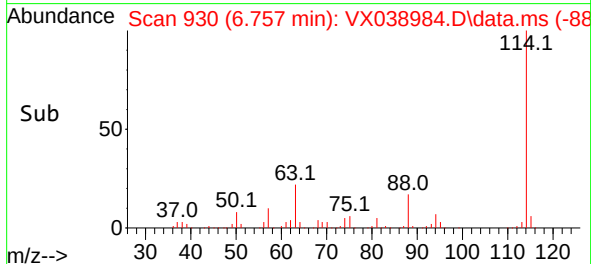
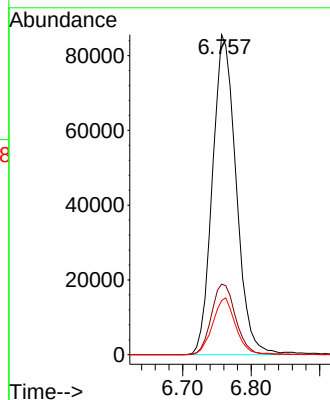
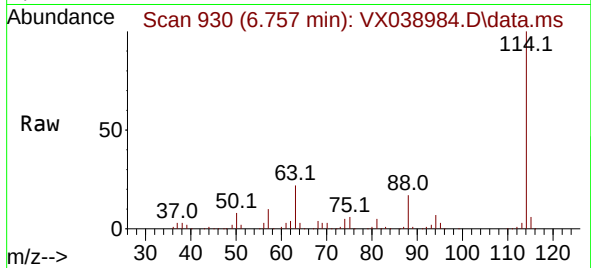




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX038984.D
Acq: 21 Nov 2023 15:04

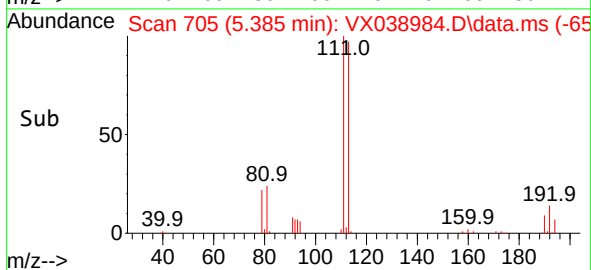
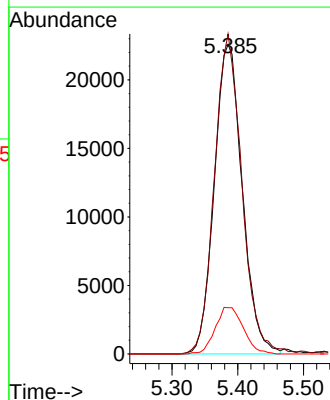
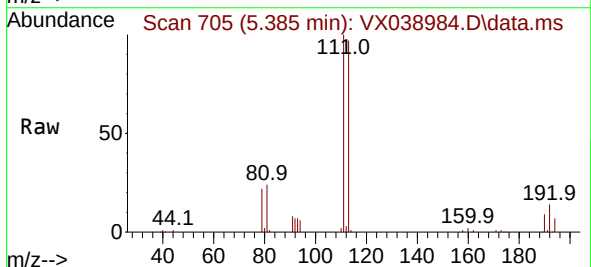
Instrument :
MSVOA_X
ClientSampleId :
TB05-20231113

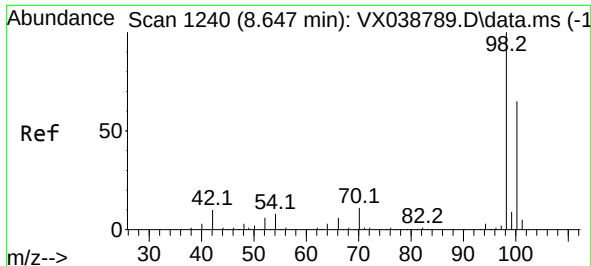
Tgt Ion:114 Resp: 204936
Ion Ratio Lower Upper
114 100
63 22.1 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.173 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038984.D
Acq: 21 Nov 2023 15:04

Tgt Ion:113 Resp: 66861
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 15.1 13.3 19.9

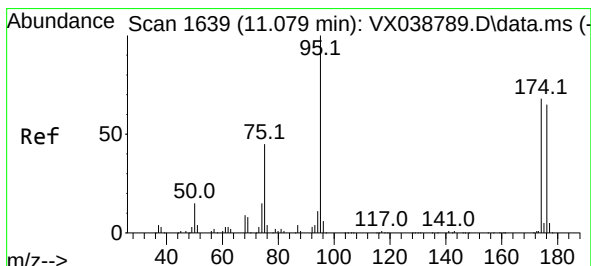
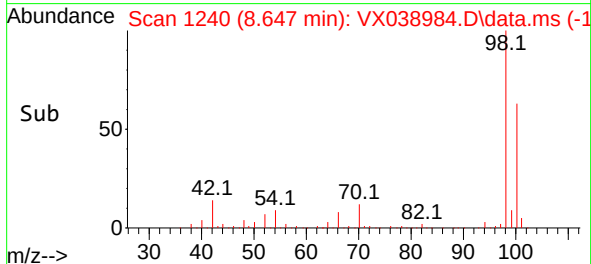
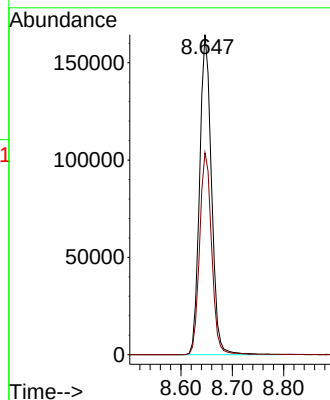
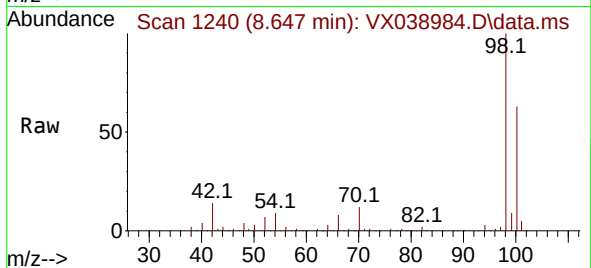




#50
Toluene-d8
Concen: 46.649 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038984.D
Acq: 21 Nov 2023 15:04

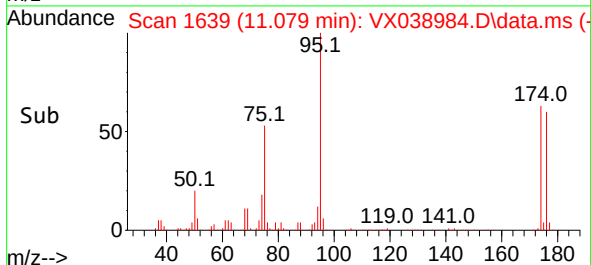
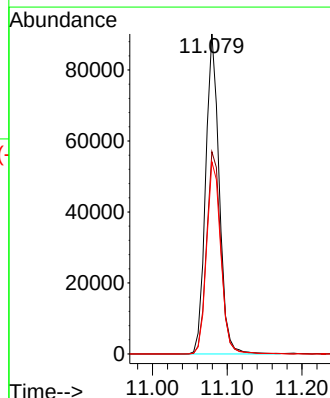
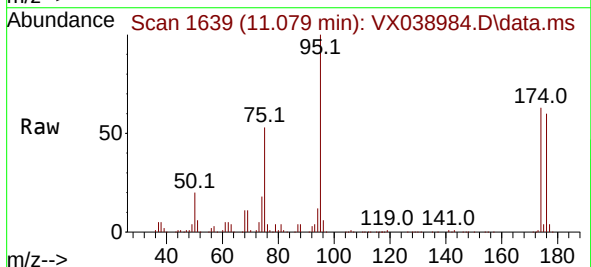
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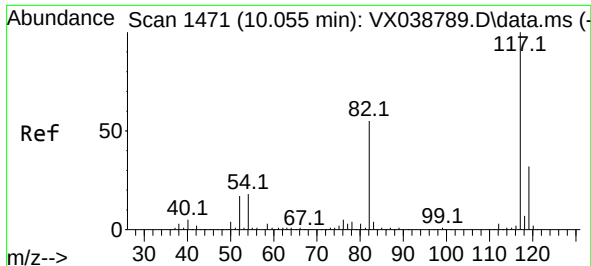
Tgt Ion: 98 Resp: 264171
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.213 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038984.D
Acq: 21 Nov 2023 15:04

Tgt Ion: 95 Resp: 113828
Ion Ratio Lower Upper
95 100
174 66.3 0.0 135.6
176 63.1 0.0 131.0

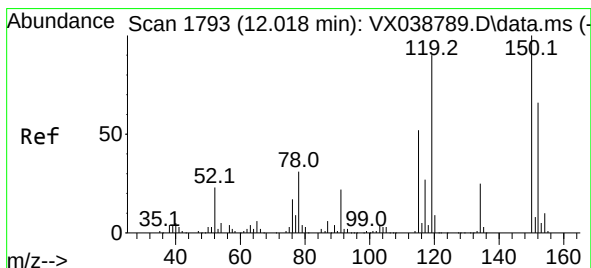
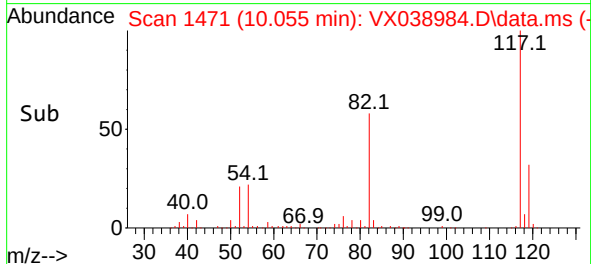
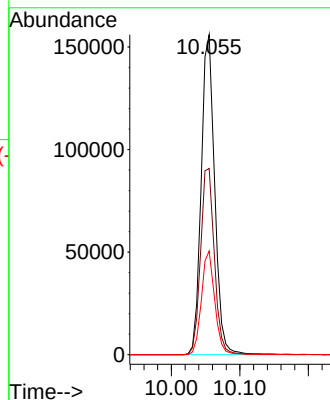
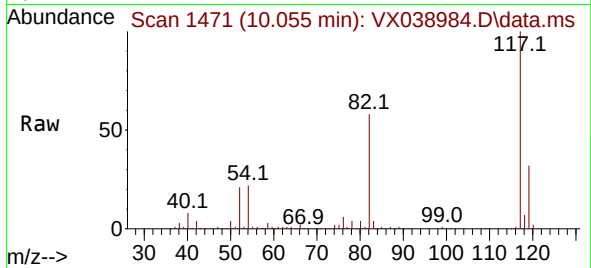




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038984.D
Acq: 21 Nov 2023 15:04

Instrument :
MSVOA_X
ClientSampleId :
TB05-20231113

Tgt Ion:117 Resp: 214411
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038984.D
Acq: 21 Nov 2023 15:04

Tgt Ion:152 Resp: 108620
Ion Ratio Lower Upper
152 100
115 64.2 43.3 129.9
150 155.4 0.0 345.0

