

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012023\
 Data File : VX033822.D
 Acq On : 20 Jan 2023 12:48
 Operator : JC/MD
 Sample : 01242-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-GW-148-150

Quant Time: Jan 21 04:43:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

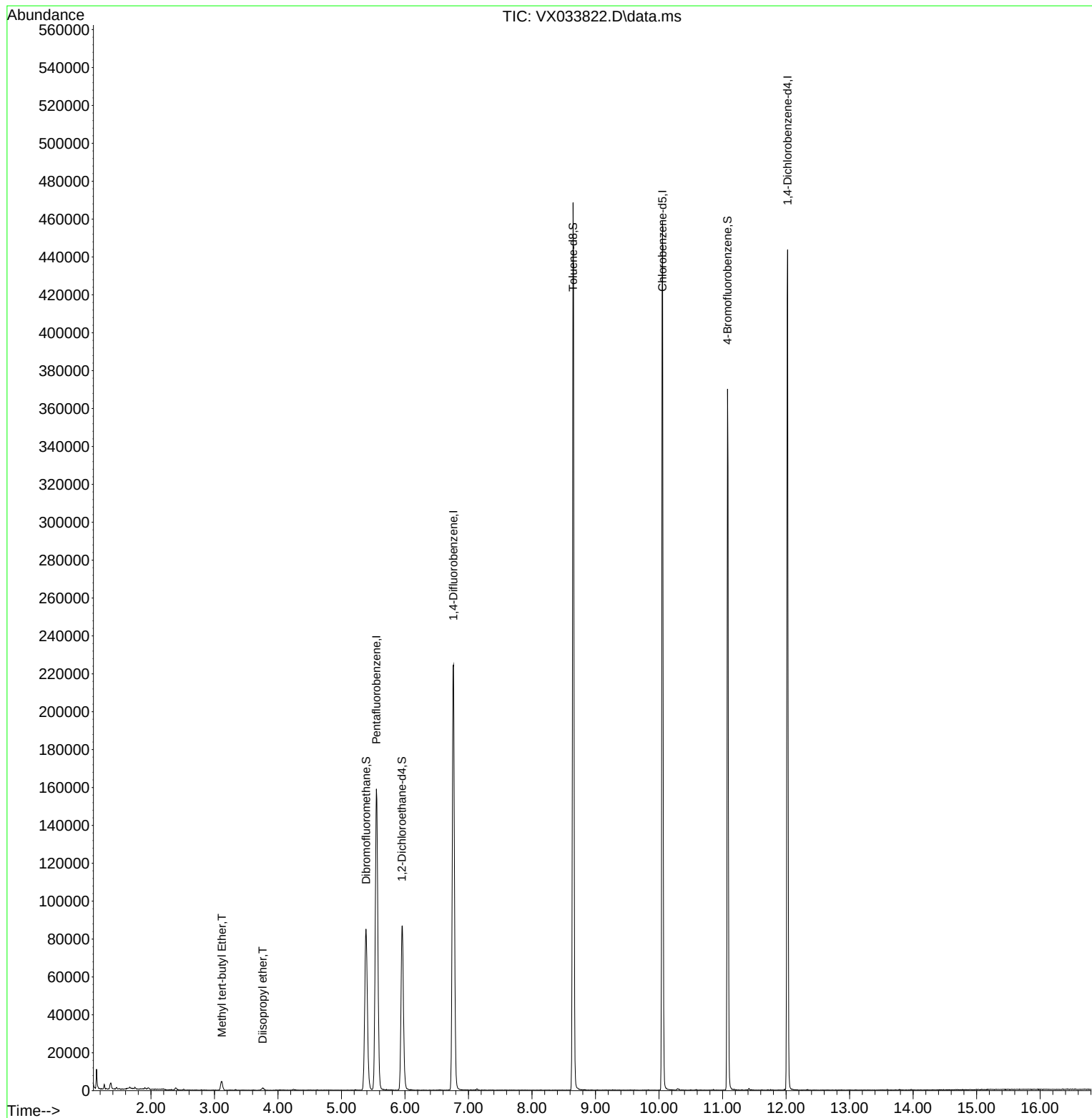
Internal Standards						
1) Pentafluorobenzene	5.550	168	171500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	249648	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83455	46.217	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.440%
35) Dibromofluoromethane	5.385	113	74812	48.260	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.520%
50) Toluene-d8	8.647	98	283531	50.199	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.400%
62) 4-Bromofluorobenzene	11.079	95	97470	46.480	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.960%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.117	73	4947	1.021	ug/l	100
22) Diisopropyl ether	3.757	45	1379	0.260	ug/l #	75

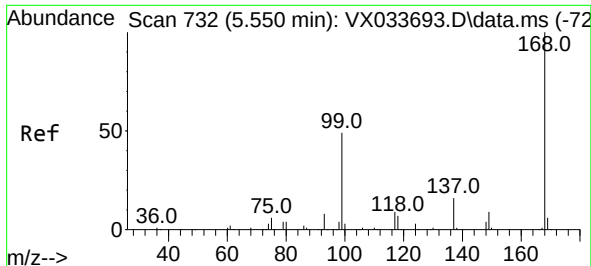
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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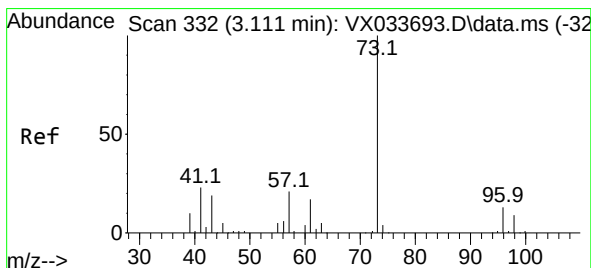
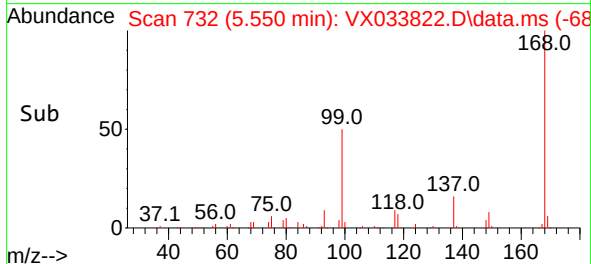
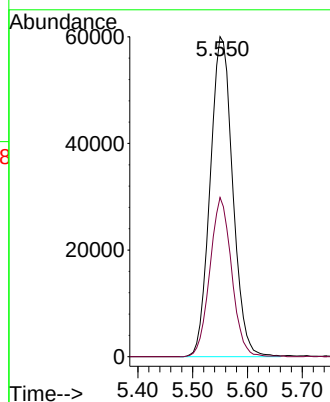
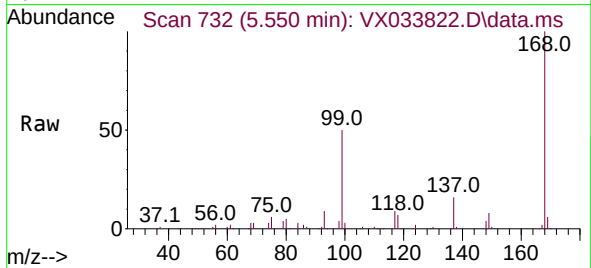




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033822.D
Acq: 20 Jan 2023 12:48

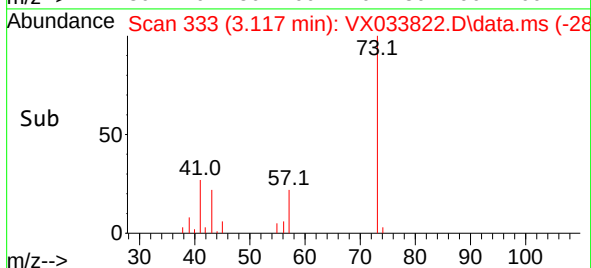
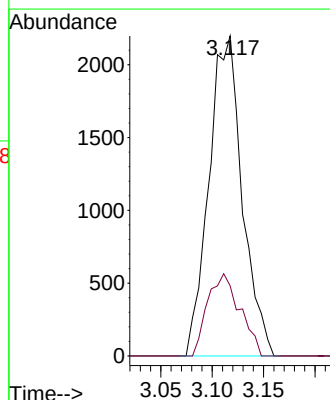
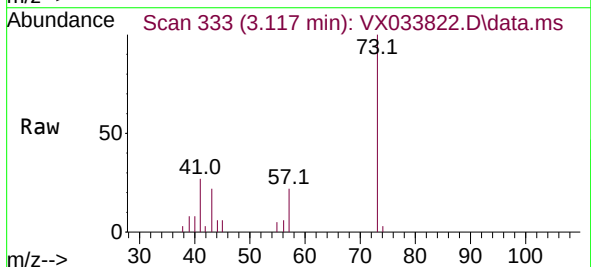
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-148-150

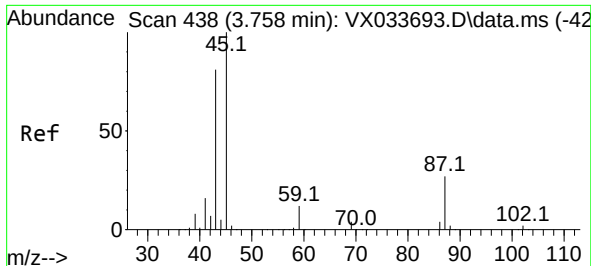
Tgt Ion:168 Resp: 171500
Ion Ratio Lower Upper
168 100
99 49.7 39.6 59.4



#19
Methyl tert-butyl Ether
Concen: 1.021 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX033822.D
Acq: 20 Jan 2023 12:48

Tgt Ion: 73 Resp: 4947
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.0

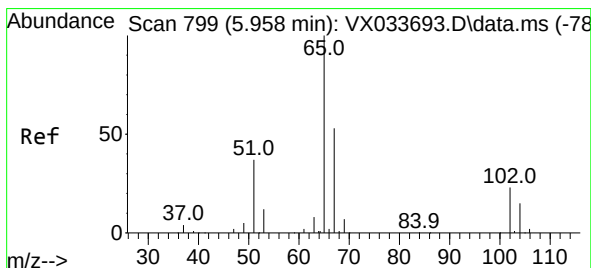
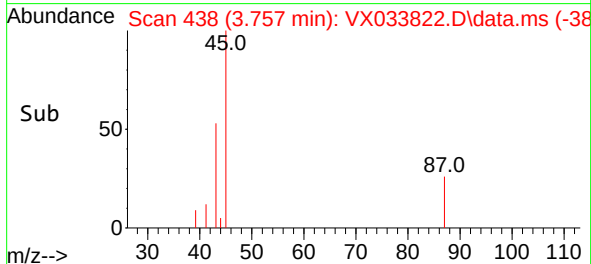
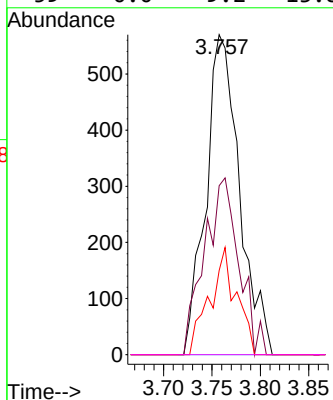
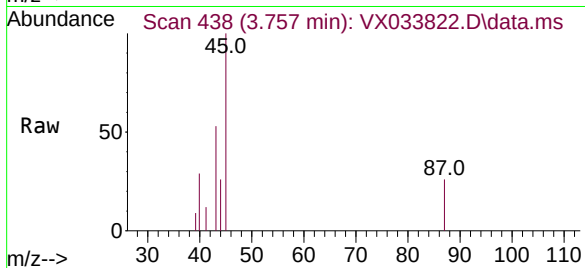




#22
Diisopropyl ether
Concen: 0.260 ug/l
RT: 3.757 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX033822.D
Acq: 20 Jan 2023 12:48

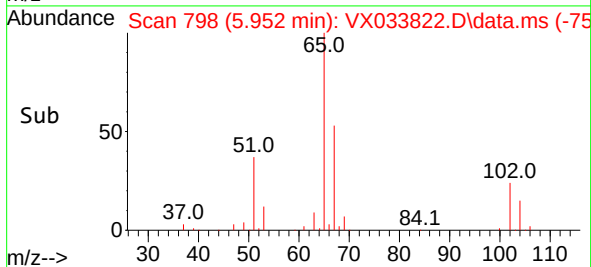
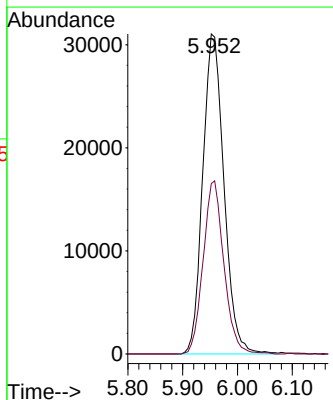
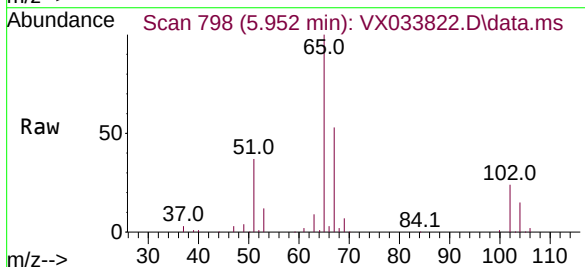
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-148-150

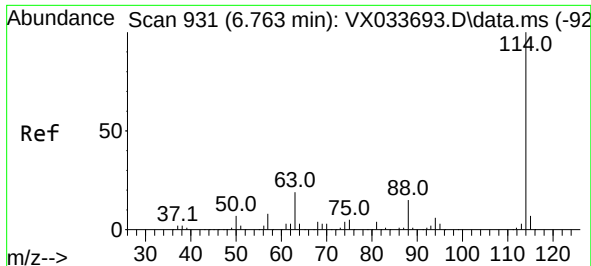
Tgt Ion:	45	Resp:	1379
Ion	Ratio	Lower	Upper
45	100		
43	52.8	64.6	97.0#
87	26.3	21.9	32.9
59	0.0	9.2	13.8#



#33
1,2-Dichloroethane-d4
Concen: 46.217 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033822.D
Acq: 20 Jan 2023 12:48

Tgt Ion:	65	Resp:	83455
Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	104.8

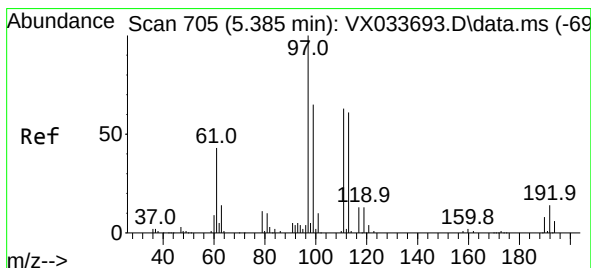
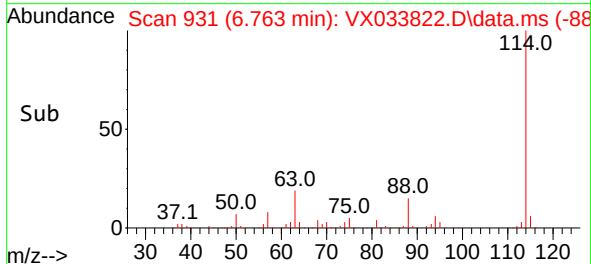
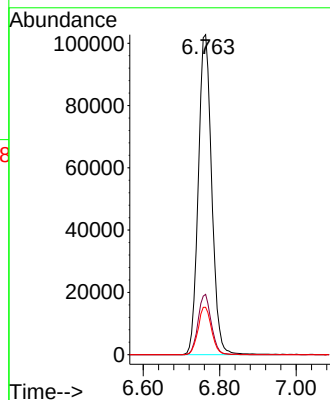
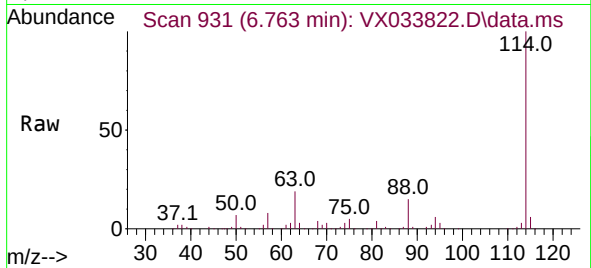




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033822.D
Acq: 20 Jan 2023 12:48

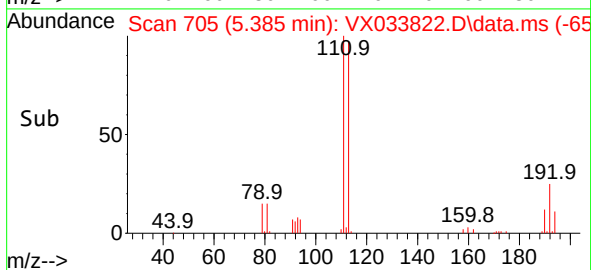
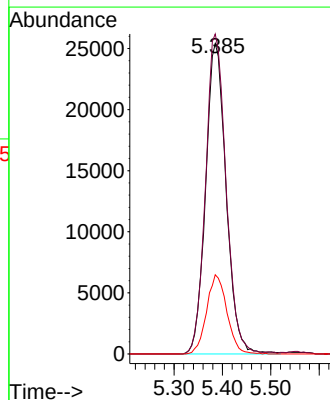
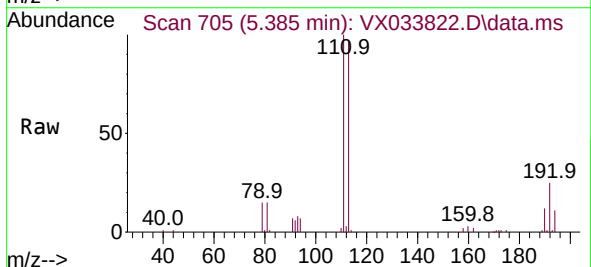
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-148-150

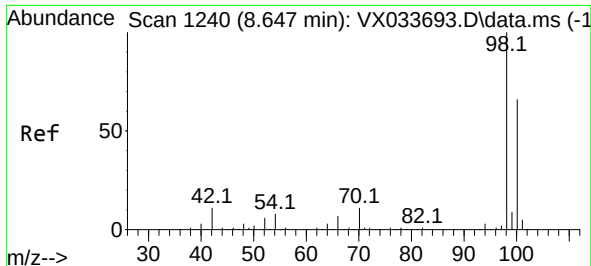
Tgt Ion:114 Resp: 249648
Ion Ratio Lower Upper
114 100
63 18.9 0.0 37.4
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.260 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033822.D
Acq: 20 Jan 2023 12:48

Tgt Ion:113 Resp: 74812
Ion Ratio Lower Upper
113 100
111 103.0 83.0 124.6
192 25.2 19.0 28.4

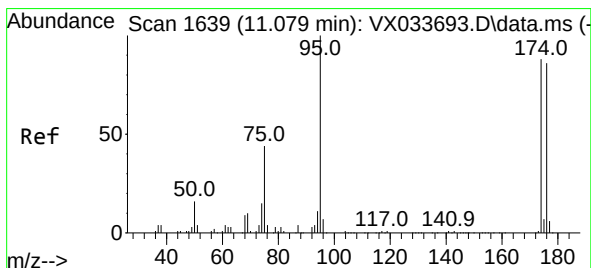
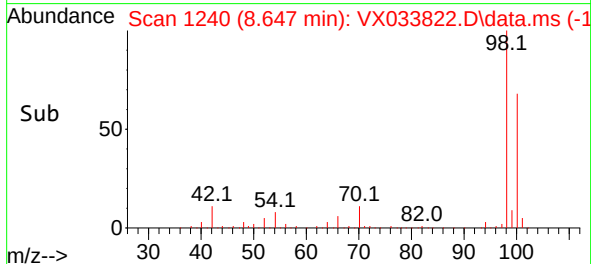
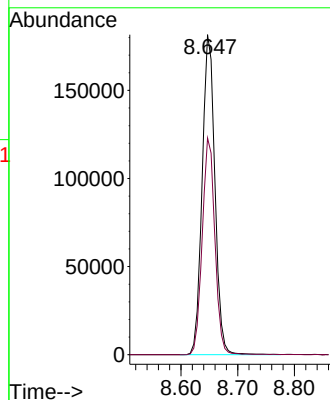
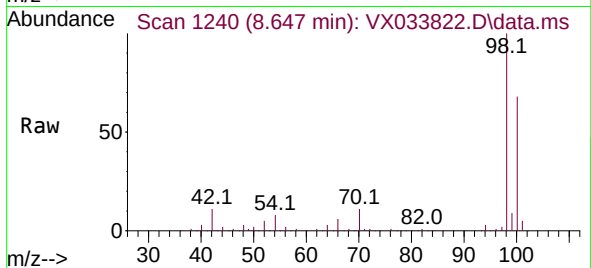




#50
Toluene-d8
Concen: 50.199 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033822.D
Acq: 20 Jan 2023 12:48

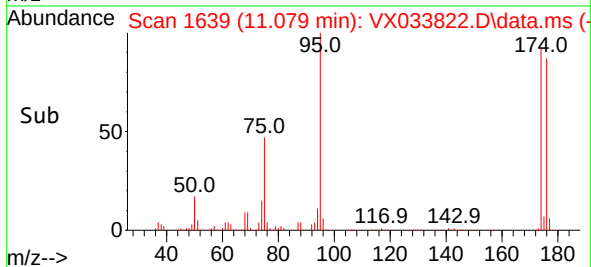
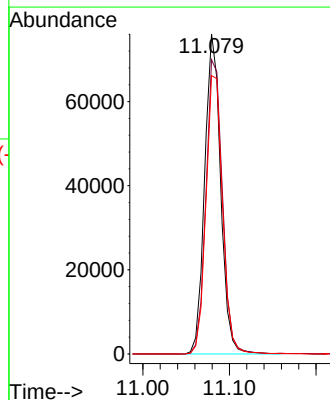
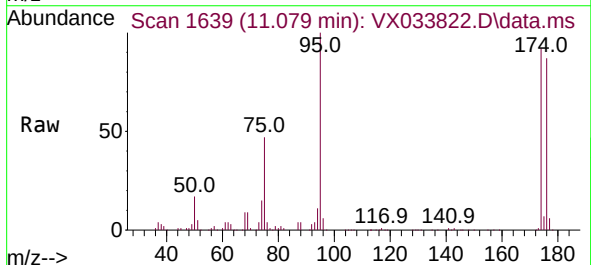
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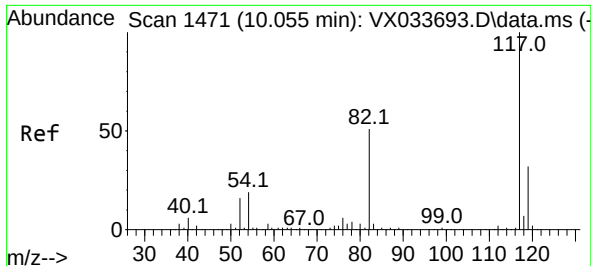
Tgt Ion: 98 Resp: 283531
Ion Ratio Lower Upper
98 100
100 67.2 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 46.480 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033822.D
Acq: 20 Jan 2023 12:48

Tgt Ion: 95 Resp: 97470
Ion Ratio Lower Upper
95 100
174 95.0 0.0 184.4
176 90.6 0.0 178.8

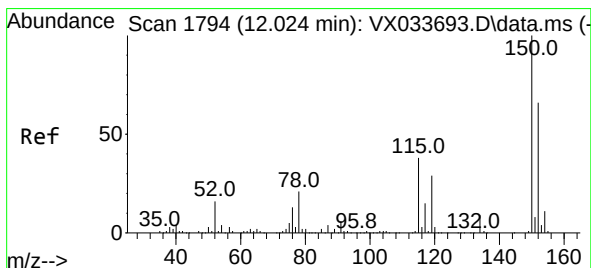
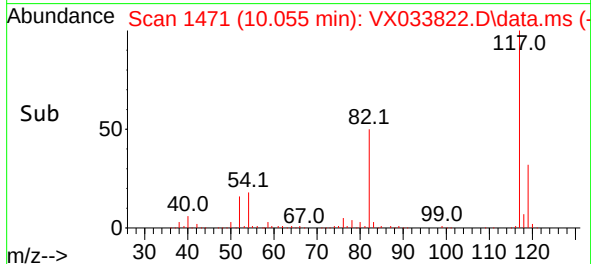
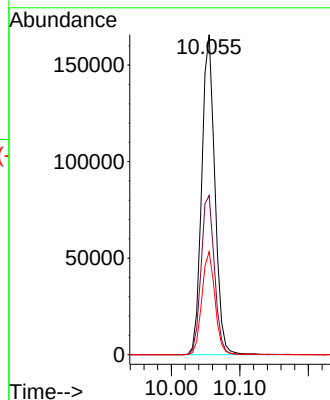
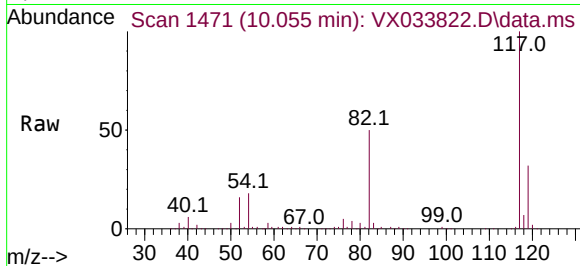




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033822.D
Acq: 20 Jan 2023 12:48

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-148-150

Tgt Ion:117 Resp: 221492
Ion Ratio Lower Upper
117 100
82 49.8 40.6 60.8
119 32.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033822.D
Acq: 20 Jan 2023 12:48

Tgt Ion:152 Resp: 105142
Ion Ratio Lower Upper
152 100
115 53.3 38.7 116.1
150 155.9 0.0 348.2

