

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012023\
 Data File : VX033828.D
 Acq On : 20 Jan 2023 15:07
 Operator : JC/MD
 Sample : 01242-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-GW-283-285

Quant Time: Jan 21 04:45:05 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)

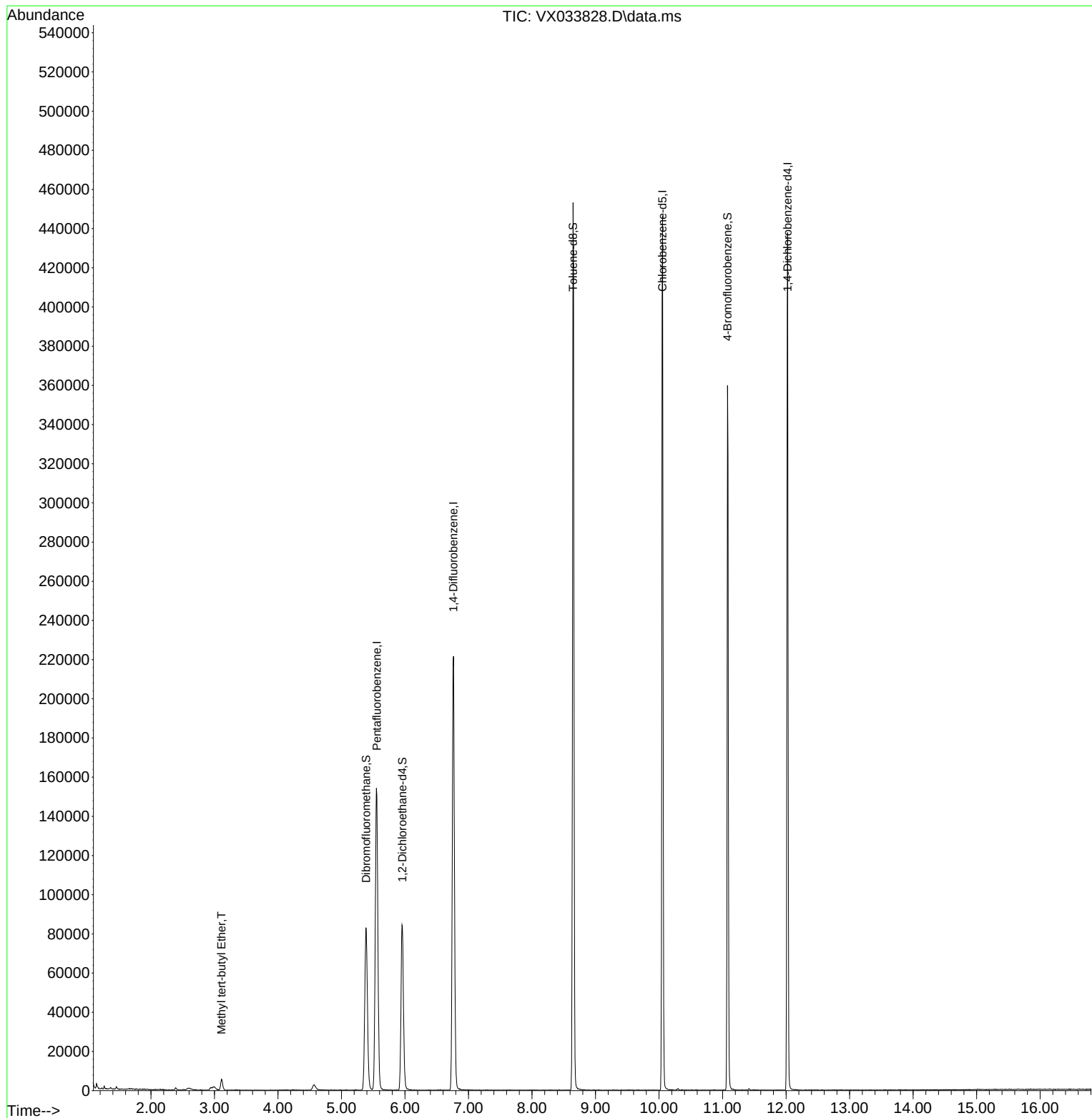
Internal Standards						
1) Pentafluorobenzene	5.556	168	167192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241466	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81340	46.206	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.420%
35) Dibromofluoromethane	5.385	113	74475	49.671	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.340%
50) Toluene-d8	8.647	98	275539	50.437	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.880%
62) 4-Bromofluorobenzene	11.079	95	94036	46.362	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.720%
Target Compounds						
19) Methyl tert-butyl Ether	3.111	73	5770	1.221	ug/l	Qvalue 95

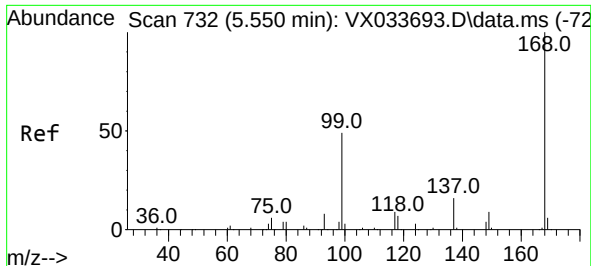
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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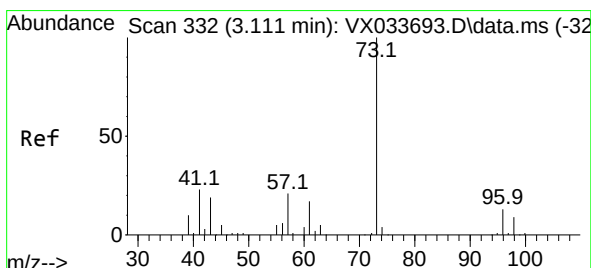
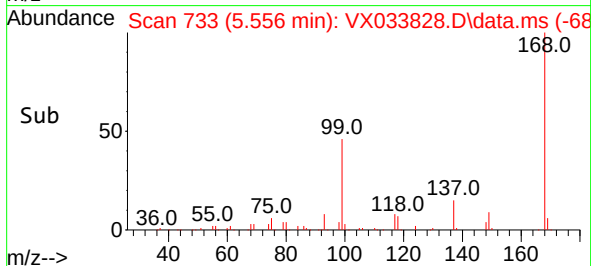
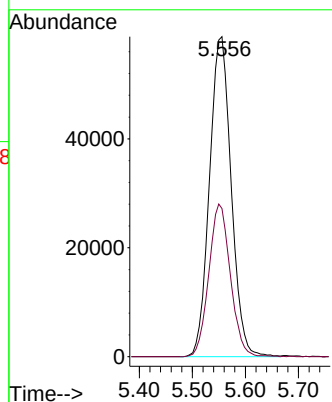
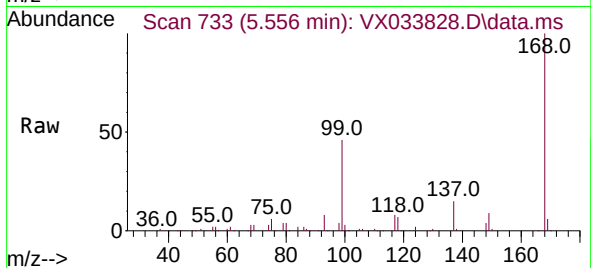




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX033828.D
Acq: 20 Jan 2023 15:07

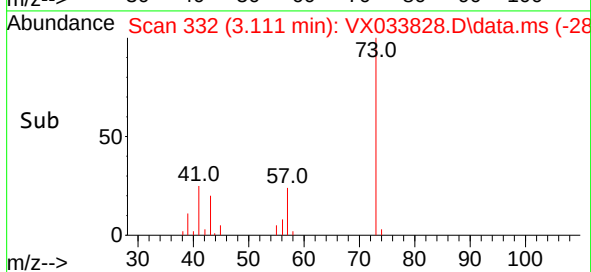
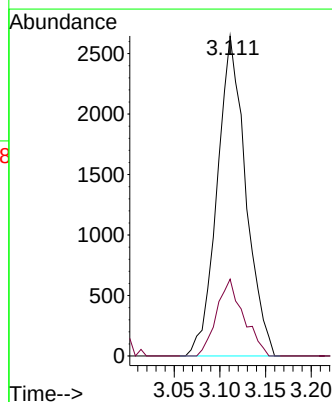
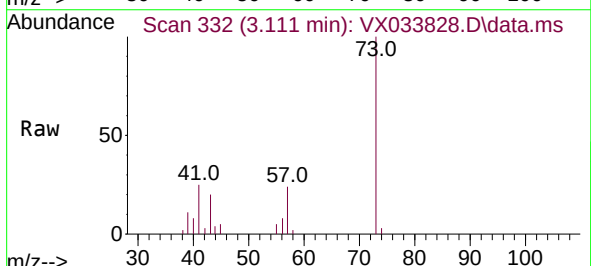
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-283-285

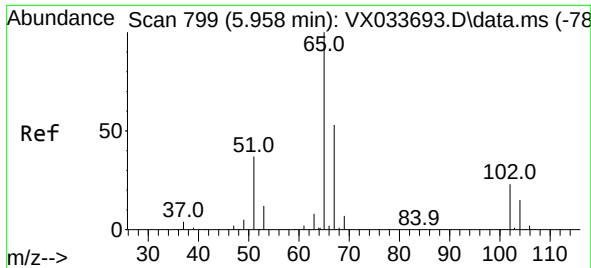
Tgt Ion:168 Resp: 167192
Ion Ratio Lower Upper
168 100
99 46.3 39.6 59.4



#19
Methyl tert-butyl Ether
Concen: 1.221 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX033828.D
Acq: 20 Jan 2023 15:07

Tgt Ion: 73 Resp: 5770
Ion Ratio Lower Upper
73 100
57 24.0 17.4 26.0

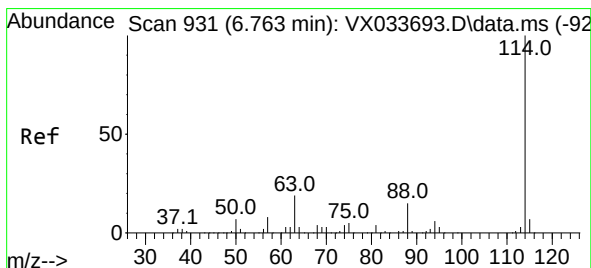
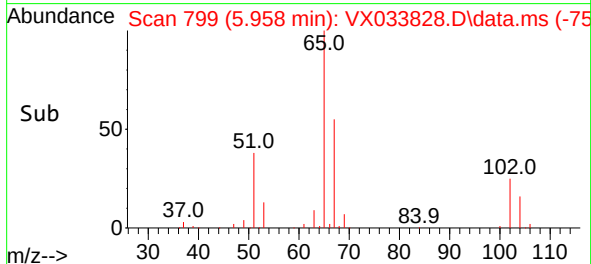
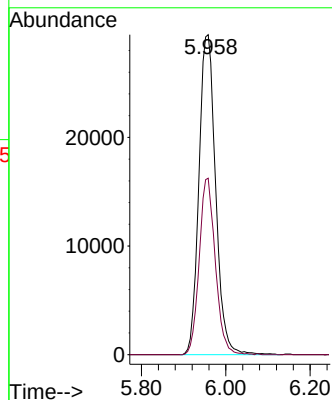
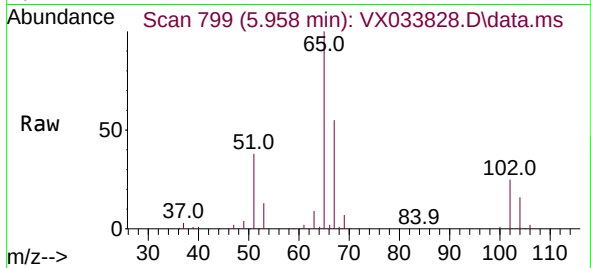




#33
 1,2-Dichloroethane-d4
 Concen: 46.206 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX033828.D
 Acq: 20 Jan 2023 15:07

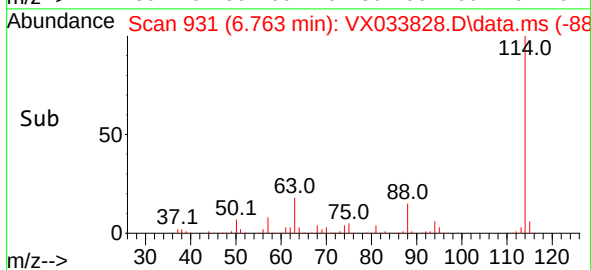
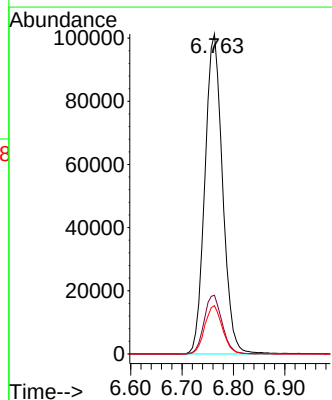
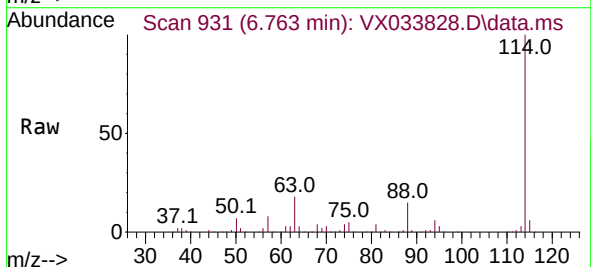
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-GW-283-285

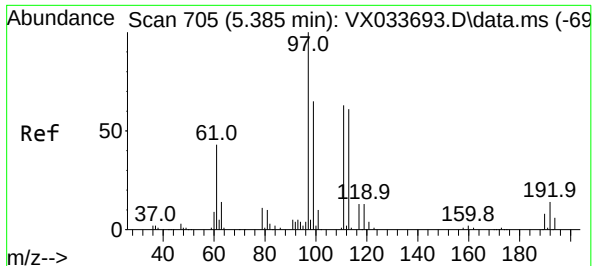
Tgt Ion: 65 Resp: 81340
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX033828.D
 Acq: 20 Jan 2023 15:07

Tgt Ion: 114 Resp: 241466
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 37.4
 88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.671 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX033828.D

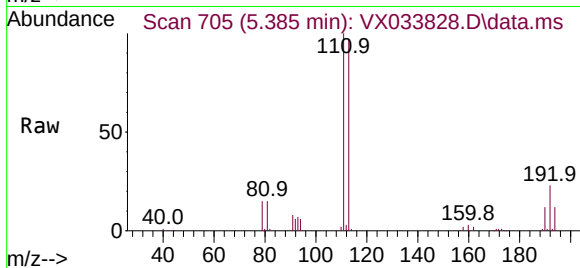
Acq: 20 Jan 2023 15:07

Instrument :

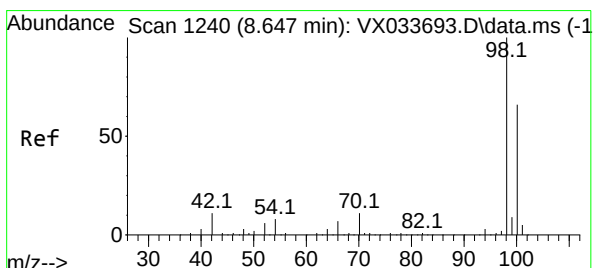
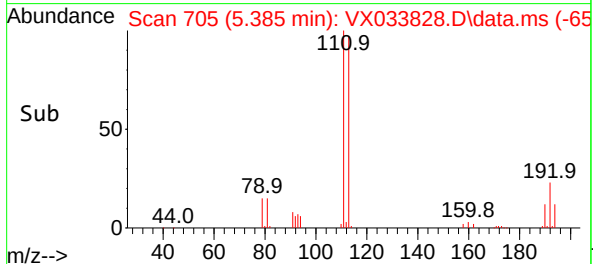
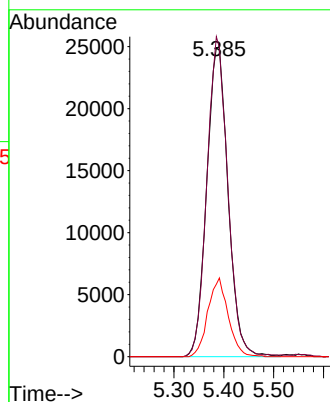
MSVOA_X

ClientSampleId :

BP-VPB-RW10-GW-283-285



Tgt Ion:	113	Resp:	74475
Ion	Ratio	Lower	Upper
113	100		
111	100.2	83.0	124.6
192	24.1	19.0	28.4



#50

Toluene-d8

Concen: 50.437 ug/l

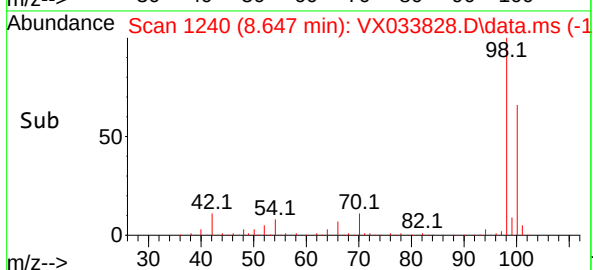
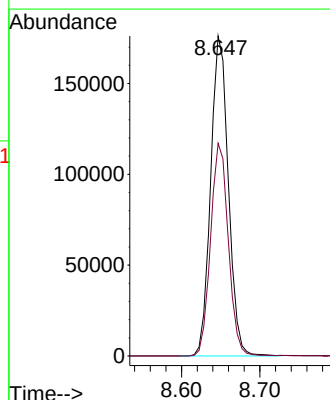
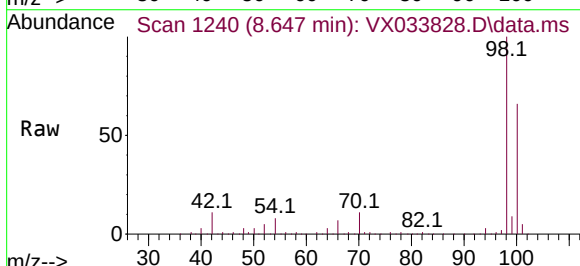
RT: 8.647 min Scan# 1240

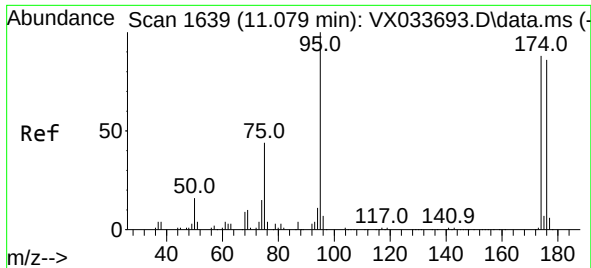
Delta R.T. -0.000 min

Lab File: VX033828.D

Acq: 20 Jan 2023 15:07

Tgt Ion:	98	Resp:	275539
Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.6	80.4

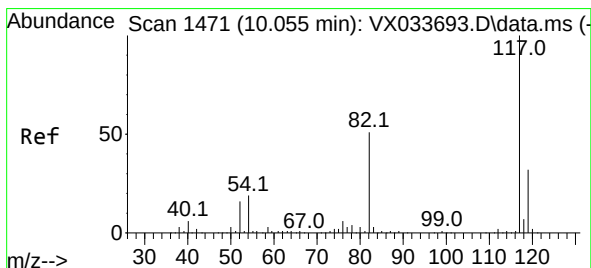
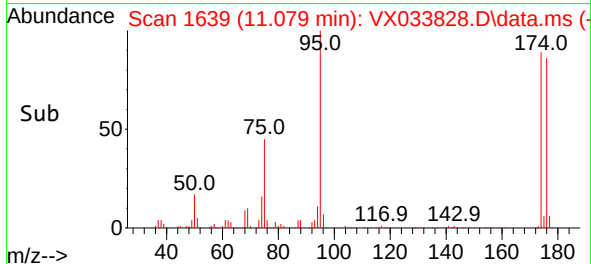
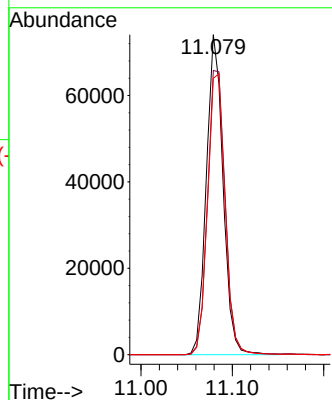
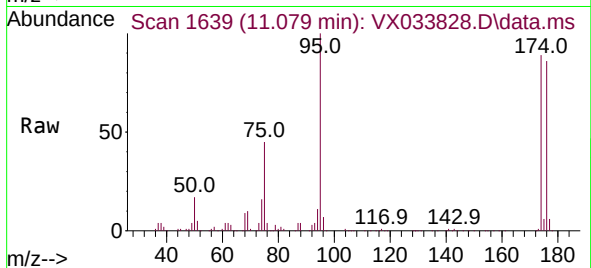




#62
4-Bromofluorobenzene
Concen: 46.362 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033828.D
Acq: 20 Jan 2023 15:07

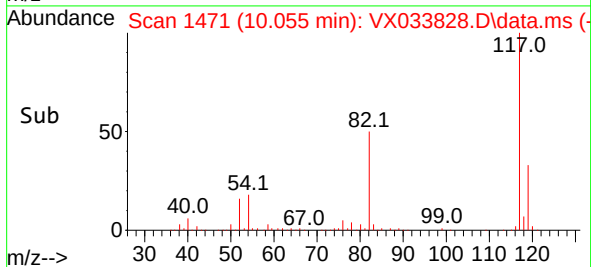
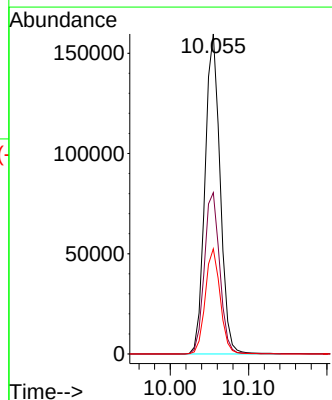
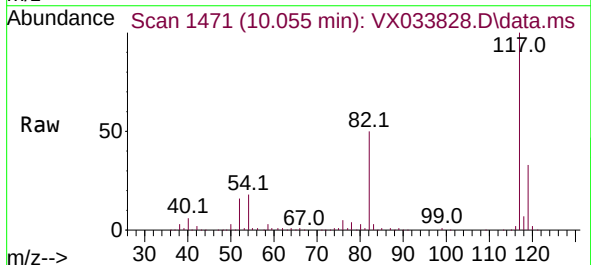
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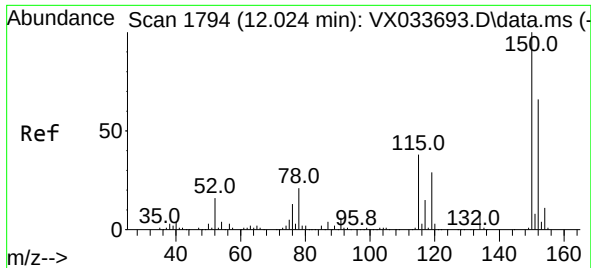
Tgt Ion: 95 Resp: 94036
Ion Ratio Lower Upper
95 100
174 93.9 0.0 184.4
176 91.9 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033828.D
Acq: 20 Jan 2023 15:07

Tgt Ion: 117 Resp: 213716
Ion Ratio Lower Upper
117 100
82 50.4 40.6 60.8
119 32.8 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033828.D

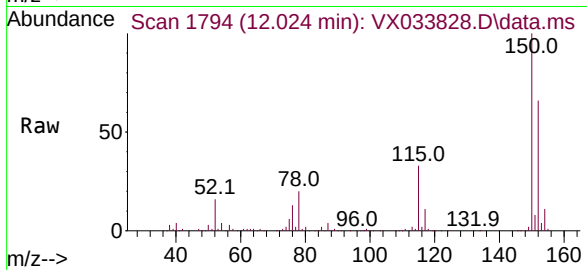
Acq: 20 Jan 2023 15:07

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10-GW-283-285



Tgt Ion:152 Resp: 101870

Ion Ratio Lower Upper

152 100

115 53.0 38.7 116.1

150 155.6 0.0 348.2

