

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012023\
 Data File : VX033831.D
 Acq On : 20 Jan 2023 16:17
 Operator : JC/MD
 Sample : 01242-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-EB-20230119

Quant Time: Jan 21 04:45:59 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)

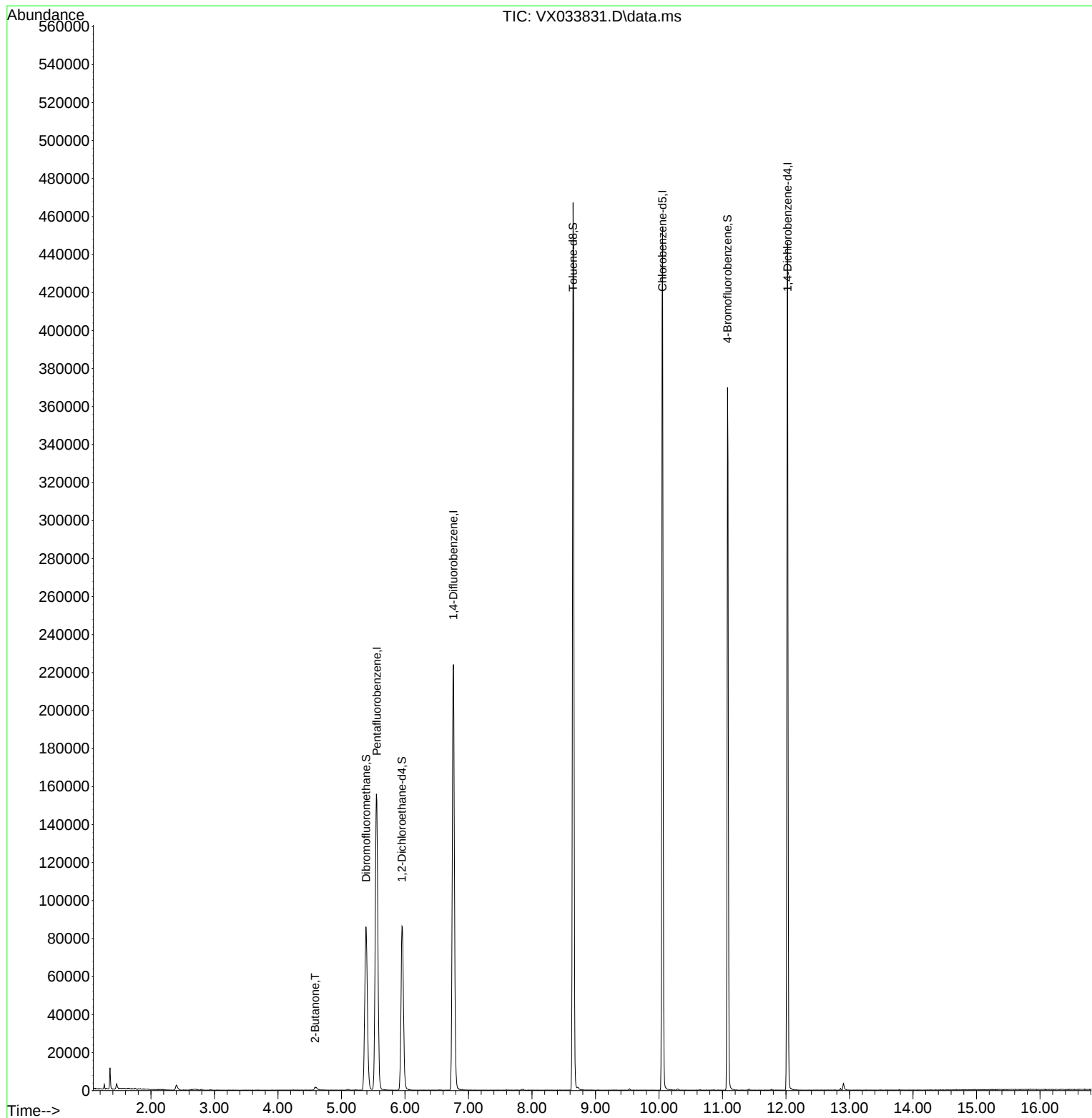
Internal Standards						
1) Pentafluorobenzene	5.556	168	171215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	246680	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83282	46.198	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.400%
35) Dibromofluoromethane	5.385	113	75437	49.249	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.500%
50) Toluene-d8	8.647	98	282380	50.597	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.200%
62) 4-Bromofluorobenzene	11.079	95	96633	46.635	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.280%
Target Compounds						
25) 2-Butanone	4.587	43	3919	3.327	ug/l	Qvalue 98

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

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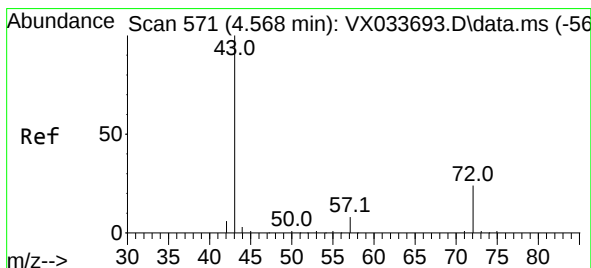
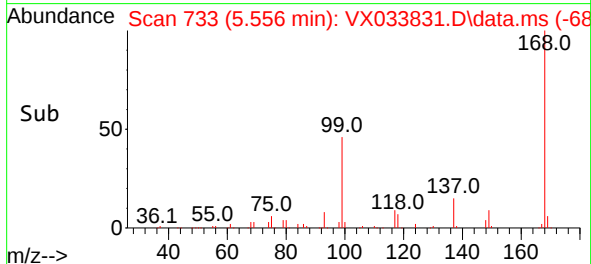
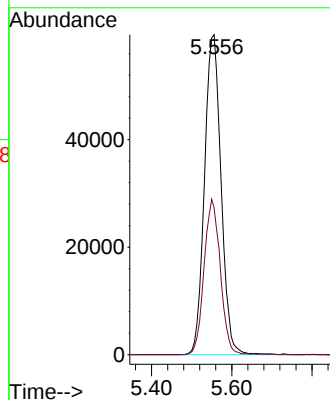
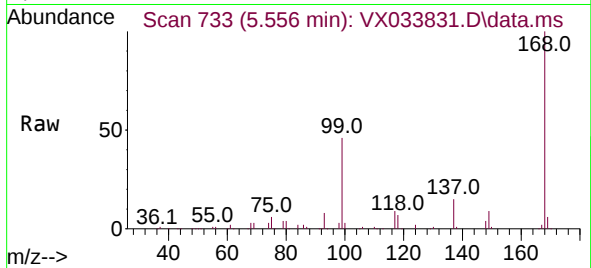




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX033831.D
Acq: 20 Jan 2023 16:17

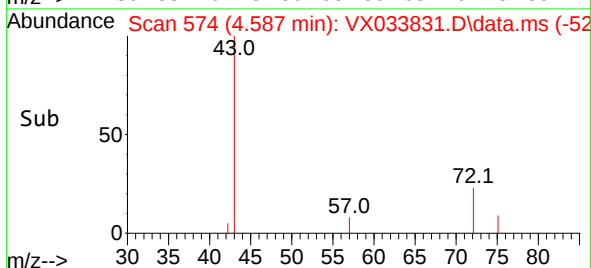
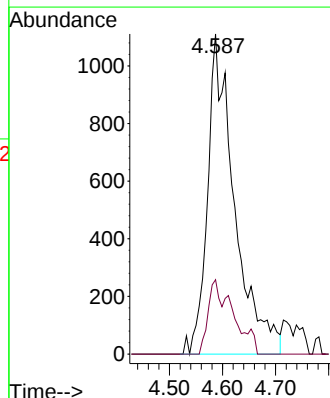
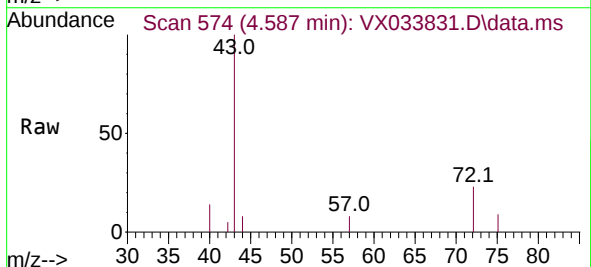
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-EB-20230119

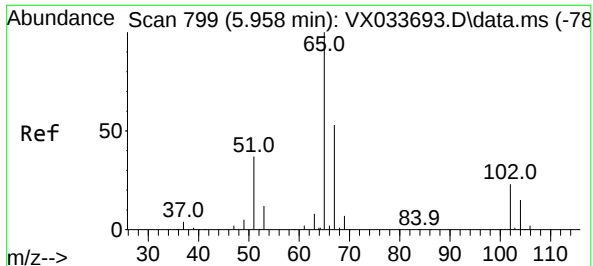
Tgt Ion:168 Resp: 171215
Ion Ratio Lower Upper
168 100
99 45.9 39.6 59.4



#25
2-Butanone
Concen: 3.327 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX033831.D
Acq: 20 Jan 2023 16:17

Tgt Ion: 43 Resp: 3919
Ion Ratio Lower Upper
43 100
72 23.2 19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 46.198 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033831.D

Acq: 20 Jan 2023 16:17

Instrument :

MSVOA_X

ClientSampleId :

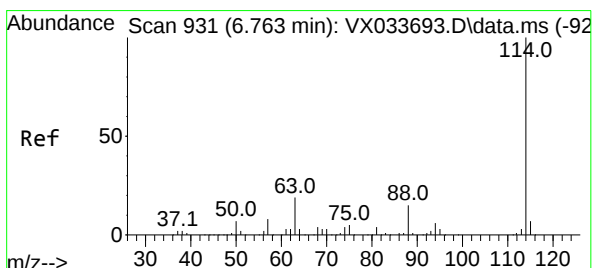
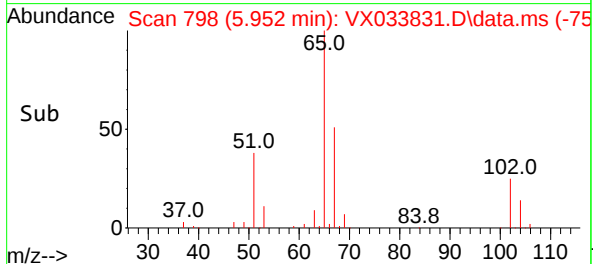
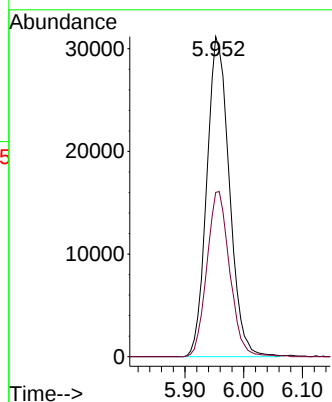
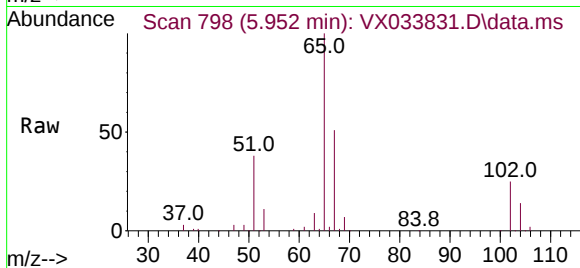
BP-VPB-RW10-EB-20230119

Tgt Ion: 65 Resp: 83282

Ion Ratio Lower Upper

65 100

67 52.2 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: VX033831.D

Acq: 20 Jan 2023 16:17

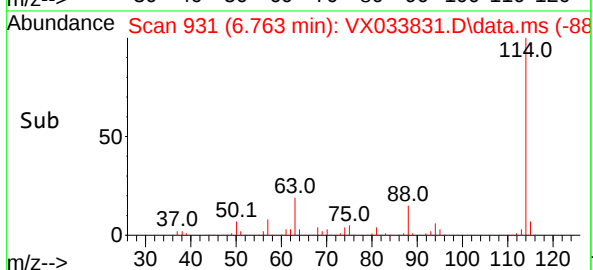
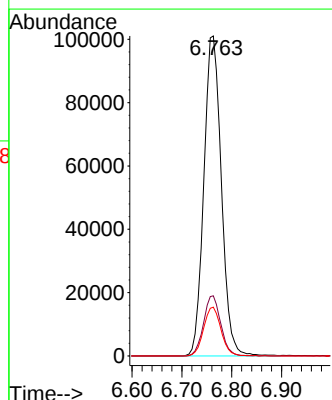
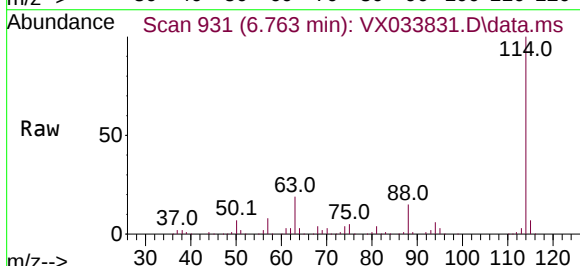
Tgt Ion: 114 Resp: 246680

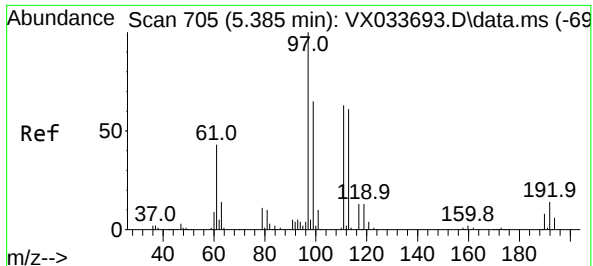
Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.4

88 15.2 0.0 30.6

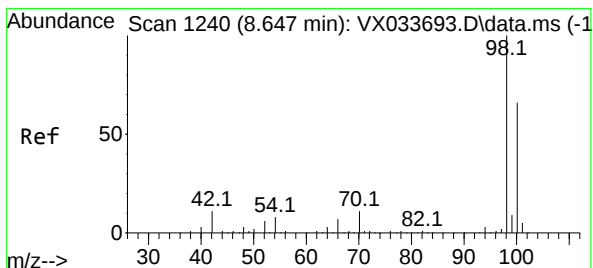
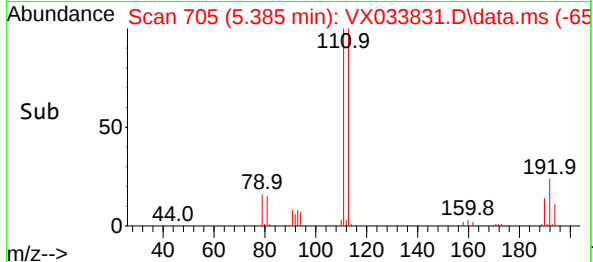
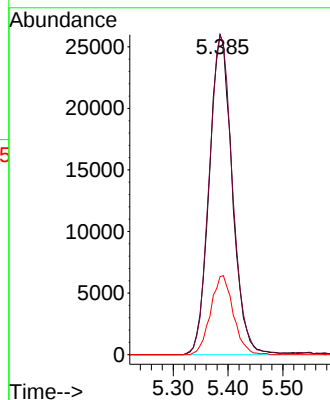
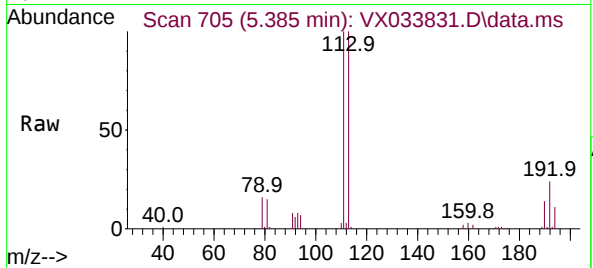




#35
Dibromofluoromethane
Concen: 49.249 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033831.D
Acq: 20 Jan 2023 16:17

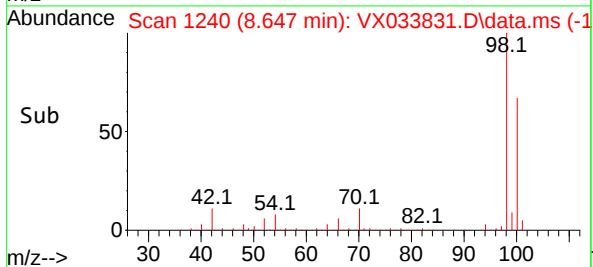
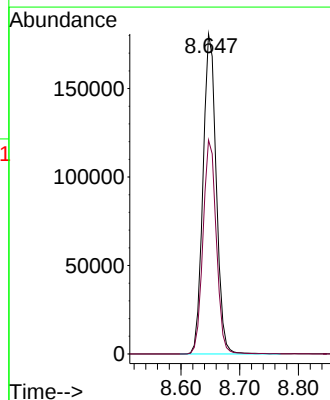
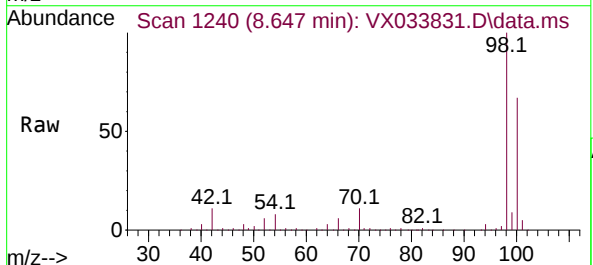
Instrument :
MSVOA_X
ClientSampleId :
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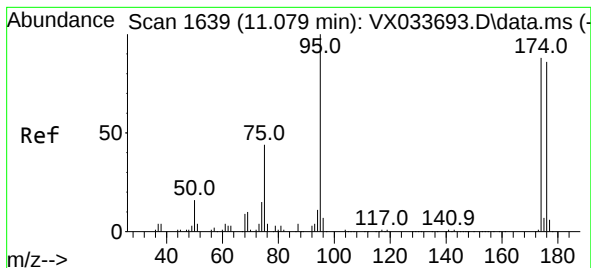
Tgt Ion:113 Resp: 75437
Ion Ratio Lower Upper
113 100
111 101.5 83.0 124.6
192 24.5 19.0 28.4



#50
Toluene-d8
Concen: 50.597 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX033831.D
Acq: 20 Jan 2023 16:17

Tgt Ion: 98 Resp: 282380
Ion Ratio Lower Upper
98 100
100 67.0 53.6 80.4

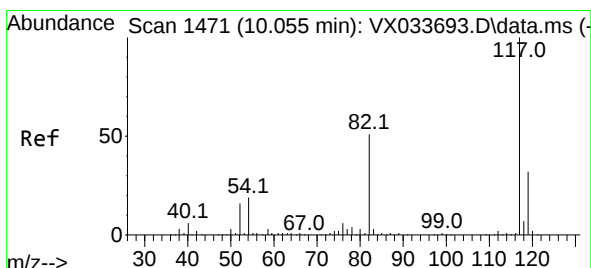
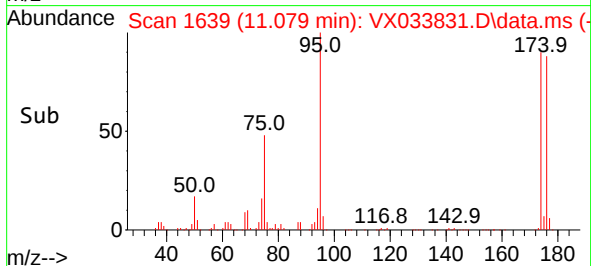
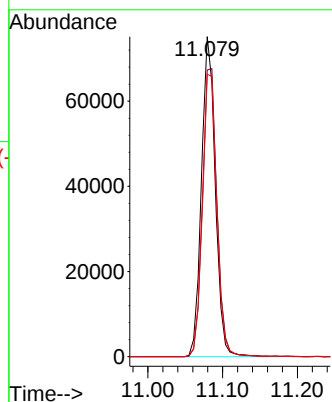
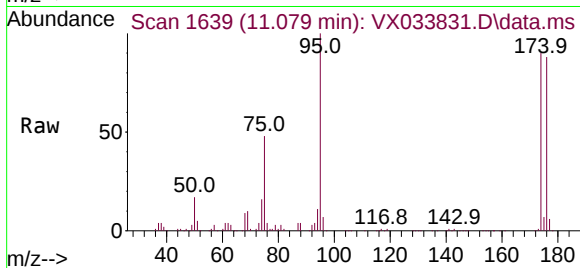




#62
4-Bromofluorobenzene
Concen: 46.635 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033831.D
Acq: 20 Jan 2023 16:17

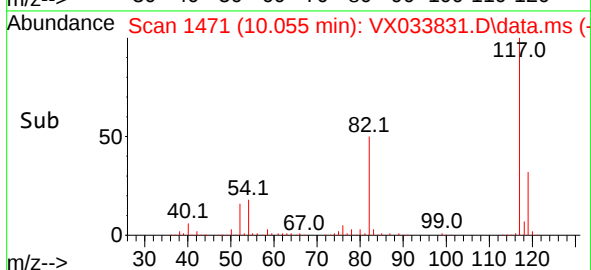
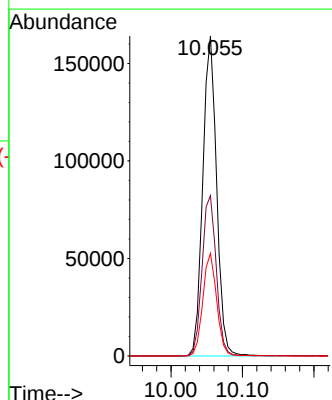
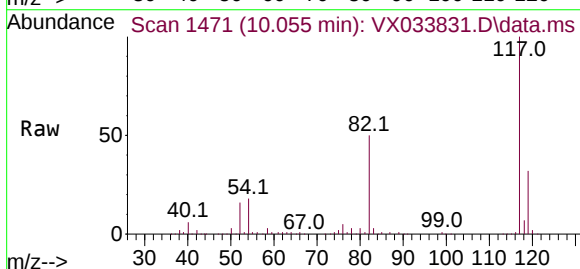
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MSVOA_X
ClientSampleId :
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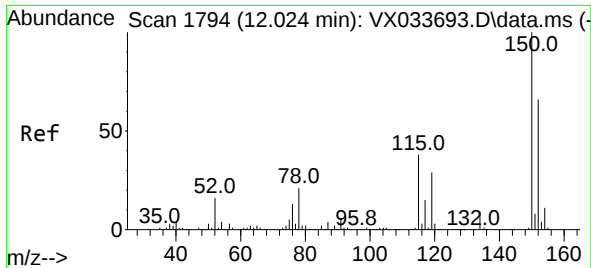
Tgt Ion: 95 Resp: 96633
Ion Ratio Lower Upper
95 100
174 94.6 0.0 184.4
176 92.0 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033831.D
Acq: 20 Jan 2023 16:17

Tgt Ion: 117 Resp: 220604
Ion Ratio Lower Upper
117 100
82 50.1 40.6 60.8
119 32.1 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: VX033831.D

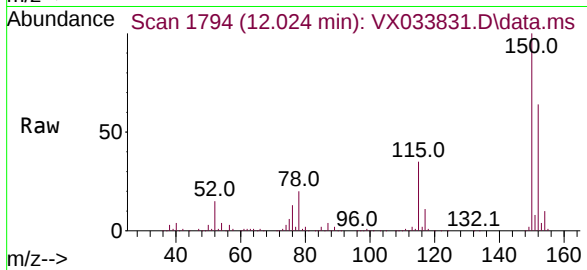
Acq: 20 Jan 2023 16:17

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10-EB-20230119



Tgt Ion:152 Resp: 103612

Ion Ratio Lower Upper

152 100

115 54.3 38.7 116.1

150 157.3 0.0 348.2

