

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012023\
 Data File : VX033827.D
 Acq On : 20 Jan 2023 14:44
 Operator : JC/MD
 Sample : 01242-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-GW-258-260

Quant Time: Jan 21 04:44:47 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)

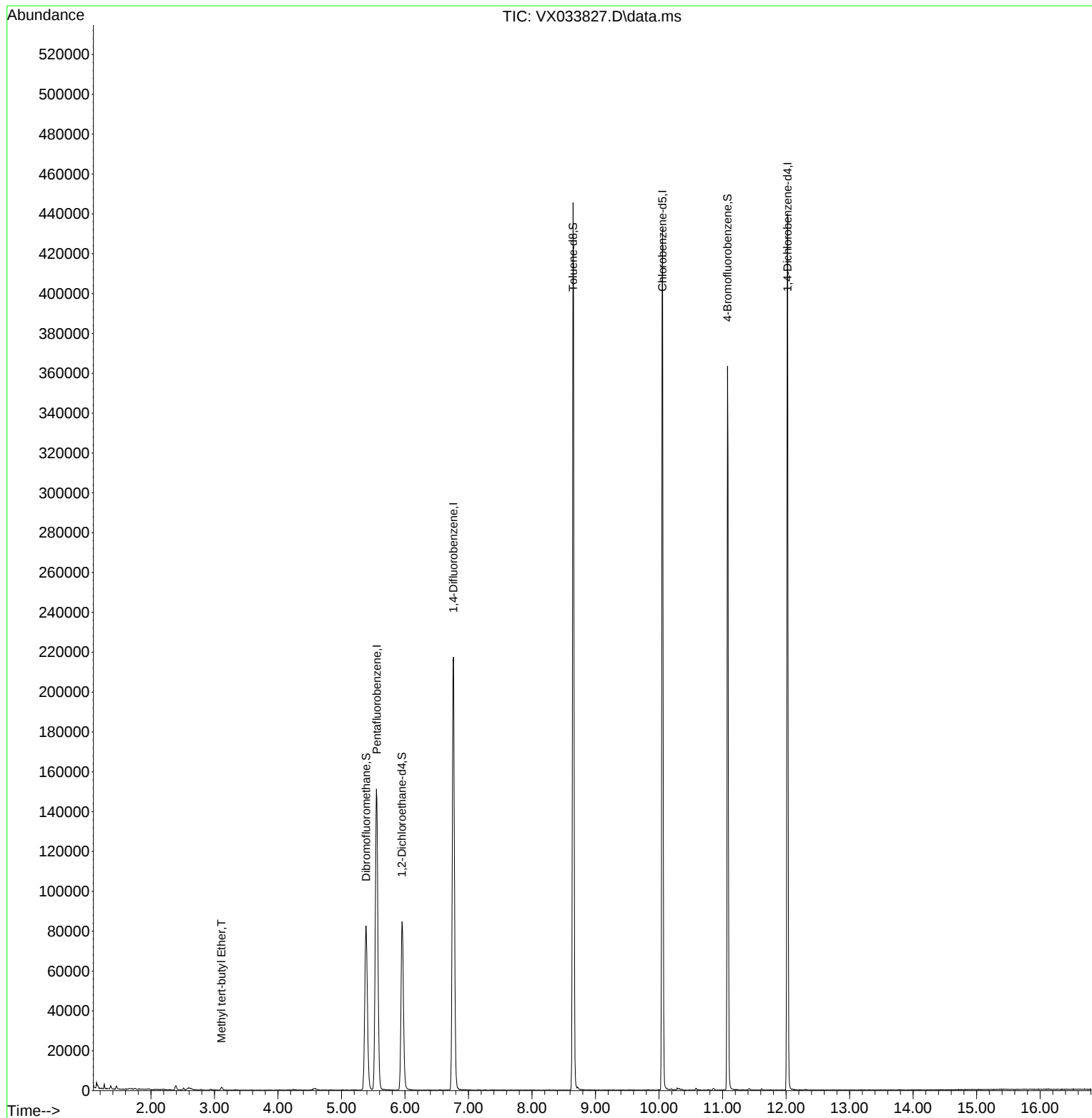
Internal Standards						
1) Pentafluorobenzene	5.556	168	163663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	238014	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80696	46.829	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.660%
35) Dibromofluoromethane	5.385	113	72541	49.083	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.160%
50) Toluene-d8	8.647	98	271698	50.455	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.920%
62) 4-Bromofluorobenzene	11.079	95	94464	47.248	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.500%
Target Compounds						
19) Methyl tert-butyl Ether	3.111	73	1593	0.344	ug/l	Qvalue # 88

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

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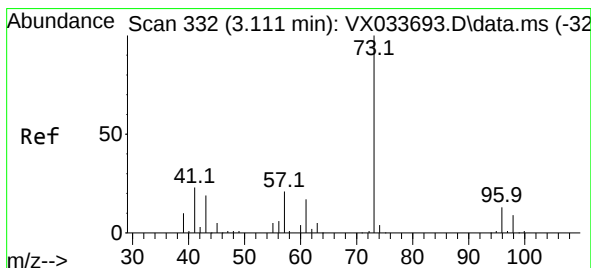
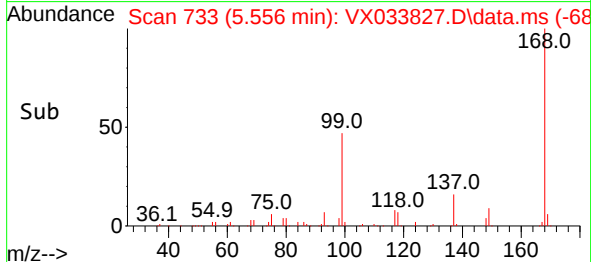
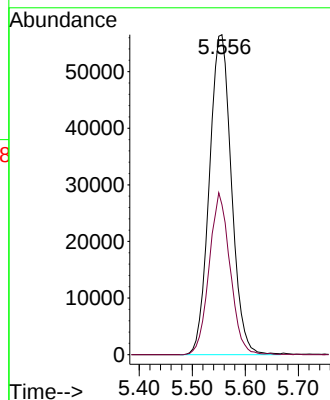
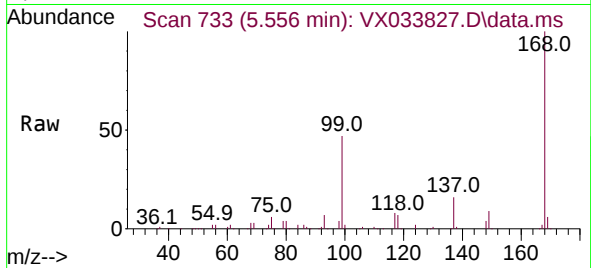




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX033827.D
Acq: 20 Jan 2023 14:44

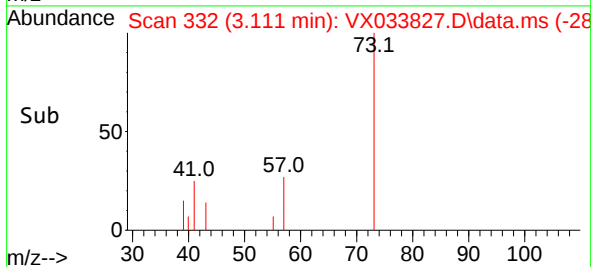
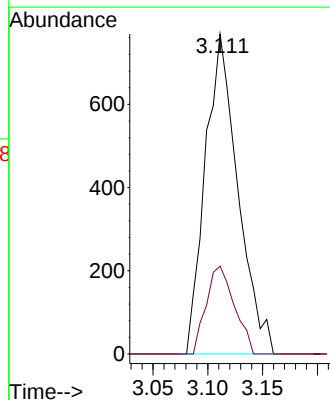
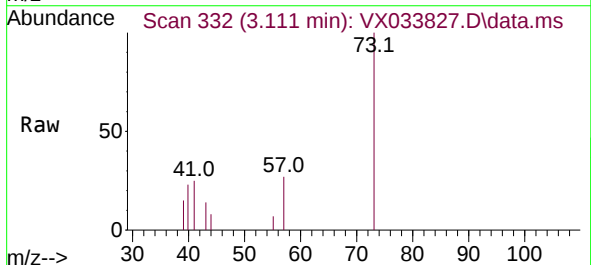
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-258-260

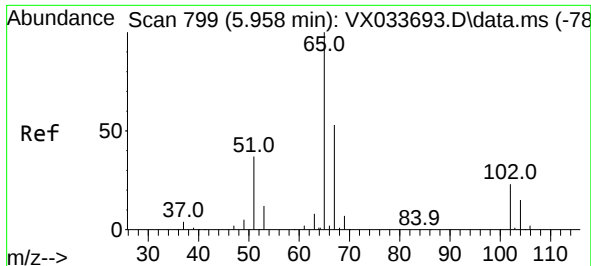
Tgt Ion:168 Resp: 163663
Ion Ratio Lower Upper
168 100
99 46.9 39.6 59.4



#19
Methyl tert-butyl Ether
Concen: 0.344 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX033827.D
Acq: 20 Jan 2023 14:44

Tgt Ion: 73 Resp: 1593
Ion Ratio Lower Upper
73 100
57 27.4 17.4 26.0#





#33

1,2-Dichloroethane-d4

Concen: 46.829 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033827.D

Acq: 20 Jan 2023 14:44

Instrument :

MSVOA_X

ClientSampleId :

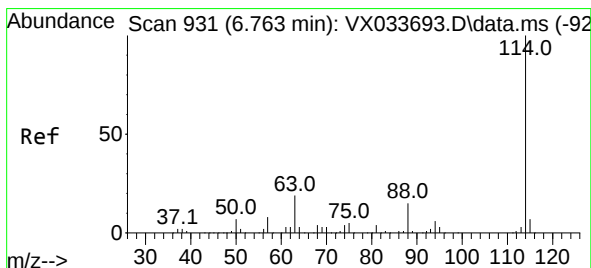
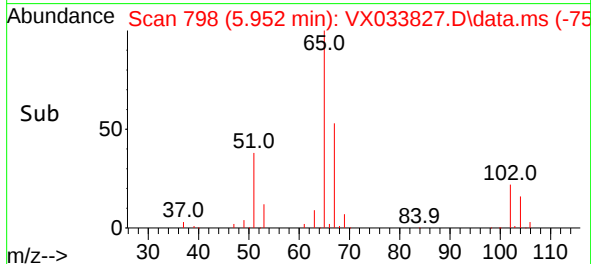
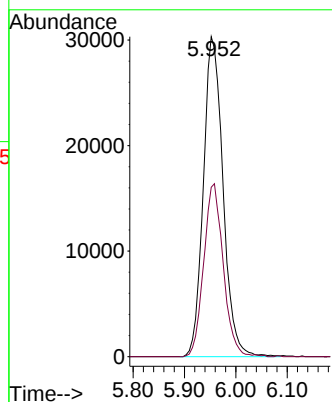
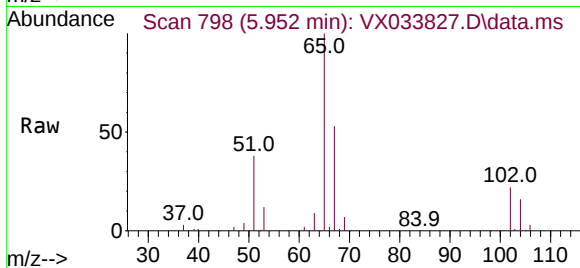
BP-VPB-RW10-GW-258-260

Tgt Ion: 65 Resp: 80696

Ion Ratio Lower Upper

65 100

67 53.7 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: VX033827.D

Acq: 20 Jan 2023 14:44

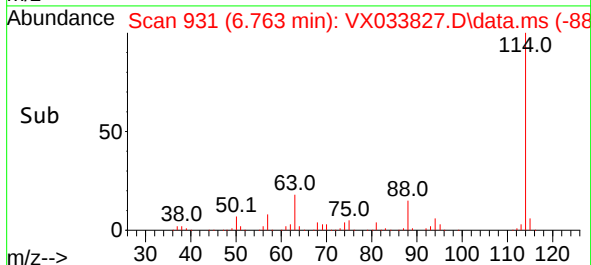
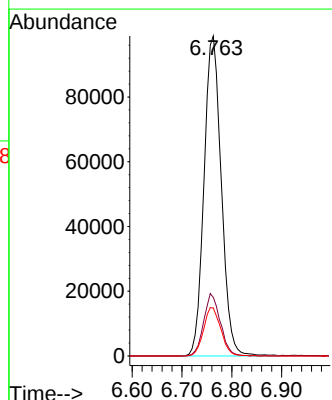
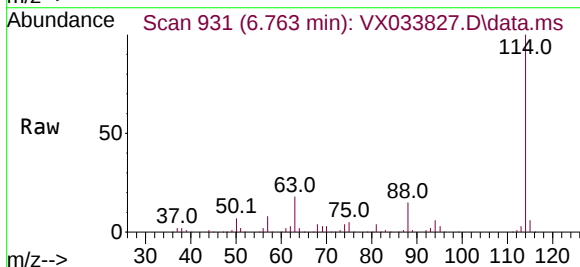
Tgt Ion: 114 Resp: 238014

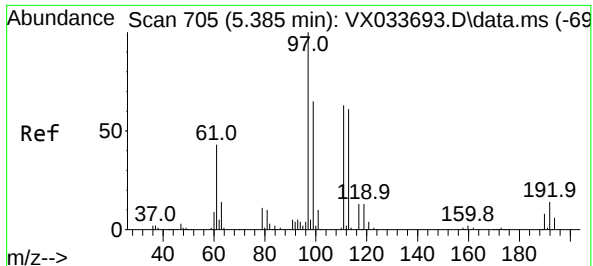
Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.4

88 15.0 0.0 30.6

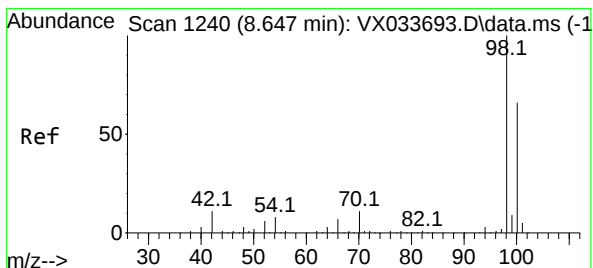
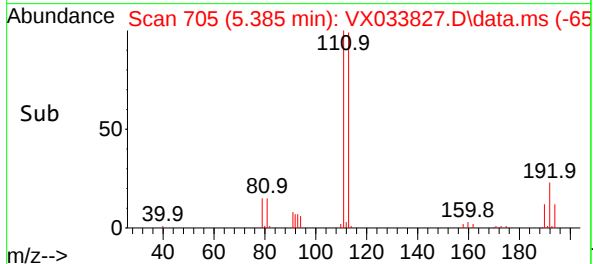
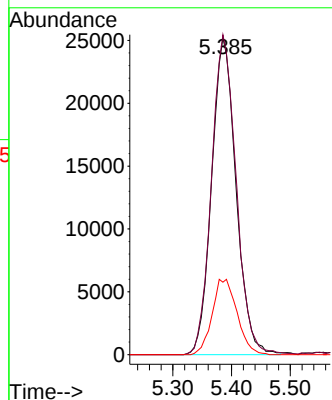
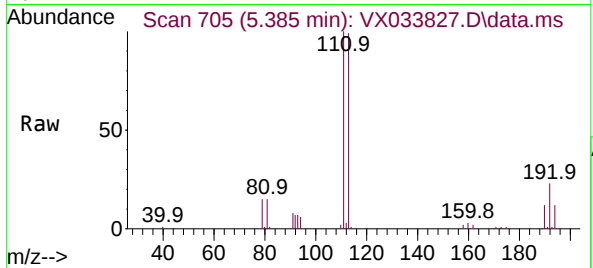




#35
Dibromofluoromethane
Concen: 49.083 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033827.D
Acq: 20 Jan 2023 14:44

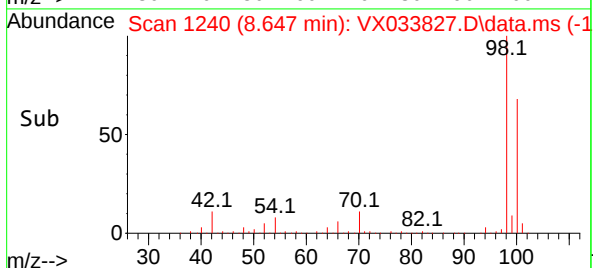
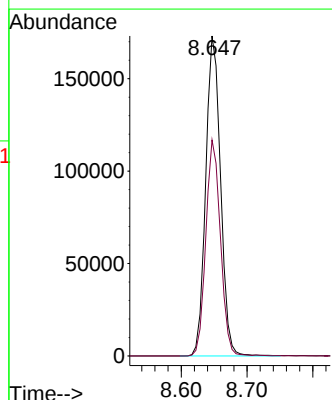
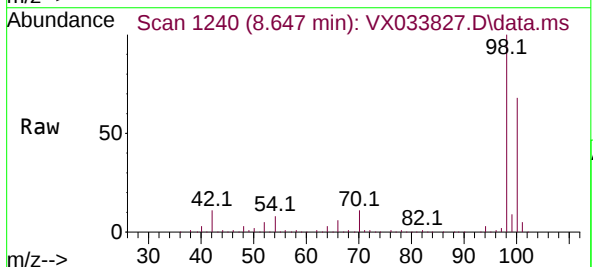
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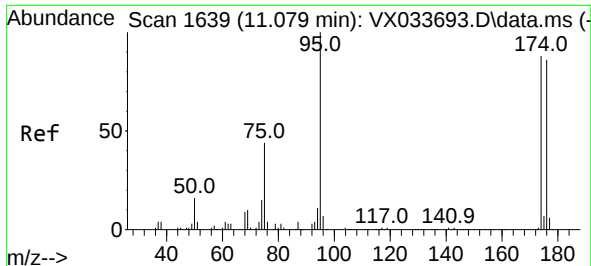
Tgt Ion:113 Resp: 72541
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.6
192 24.4 19.0 28.4



#50
Toluene-d8
Concen: 50.455 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033827.D
Acq: 20 Jan 2023 14:44

Tgt Ion: 98 Resp: 271698
Ion Ratio Lower Upper
98 100
100 66.4 53.6 80.4

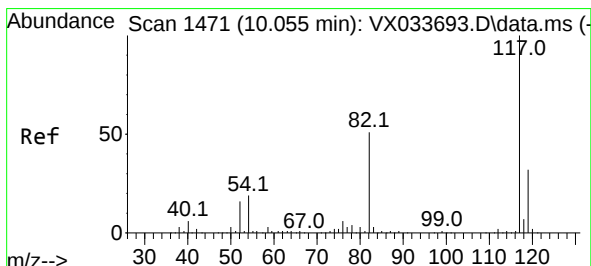
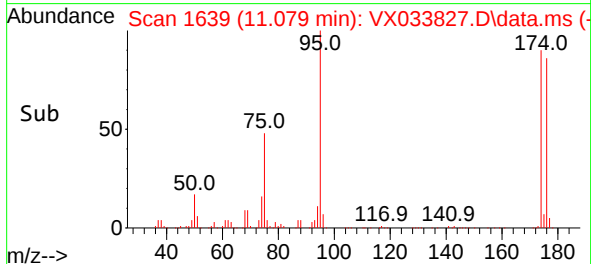
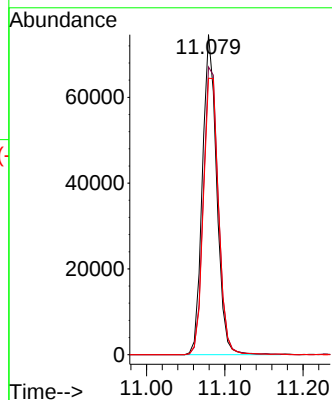
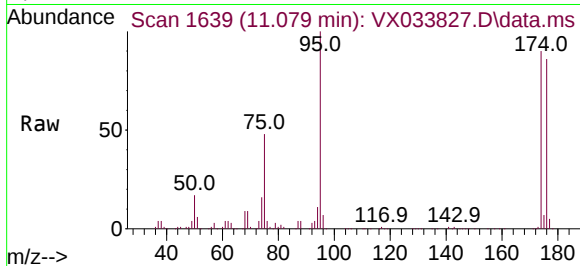




#62
4-Bromofluorobenzene
Concen: 47.248 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033827.D
Acq: 20 Jan 2023 14:44

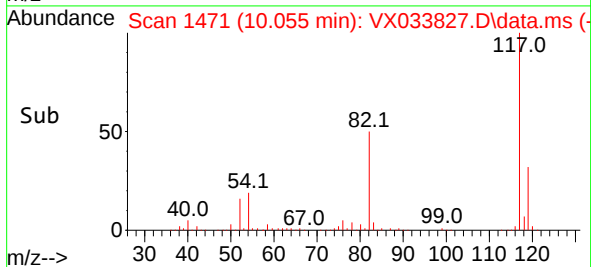
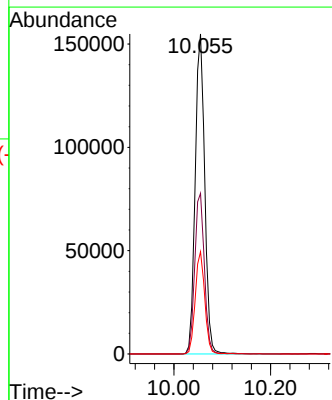
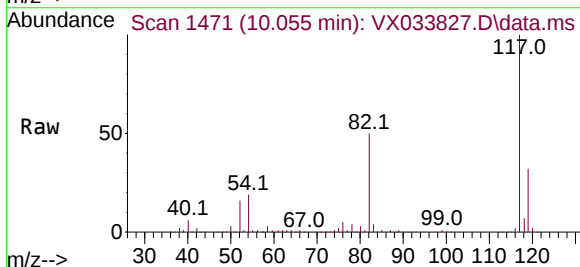
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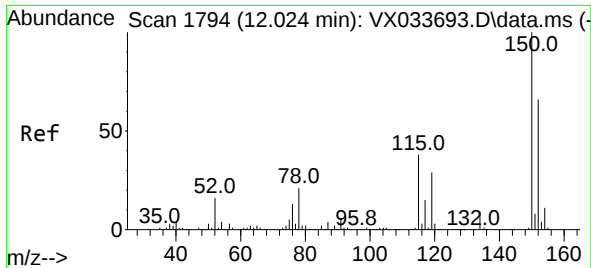
Tgt Ion: 95 Resp: 94464
Ion Ratio Lower Upper
95 100
174 94.2 0.0 184.4
176 91.9 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033827.D
Acq: 20 Jan 2023 14:44

Tgt Ion: 117 Resp: 211164
Ion Ratio Lower Upper
117 100
82 50.2 40.6 60.8
119 32.0 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: VX033827.D

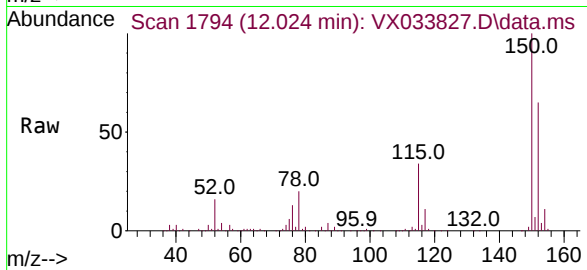
Acq: 20 Jan 2023 14:44

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10-GW-258-260



Tgt Ion:152 Resp: 101101

Ion Ratio Lower Upper

152 100

115 54.0 38.7 116.1

150 156.4 0.0 348.2

