

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
 Data File : VX040092.D
 Acq On : 02 Feb 2024 17:11
 Operator : JC/MD
 Sample : P1344-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-EB-20240131

Quant Time: Feb 03 02:19:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

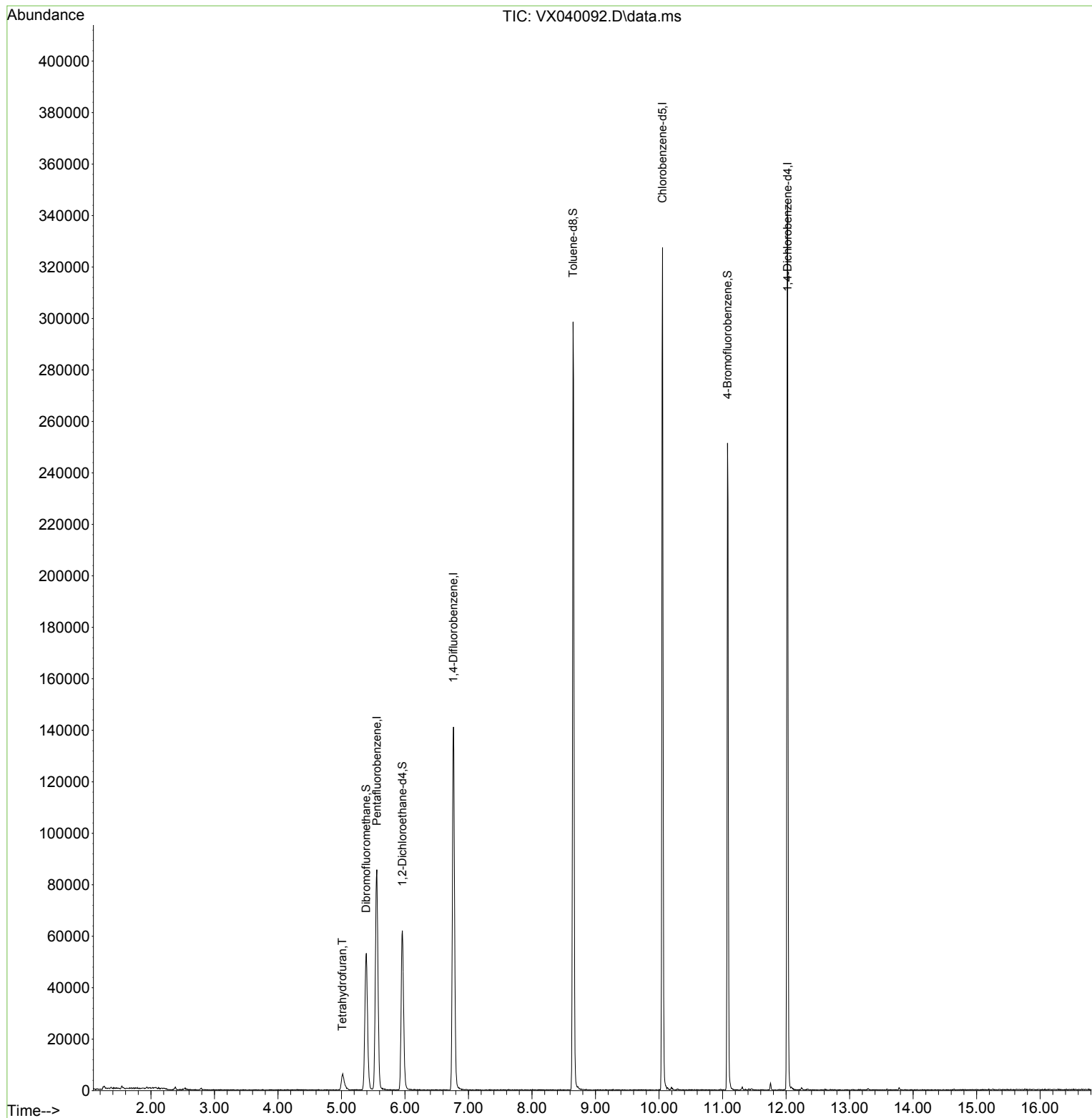
Internal Standards						
1) Pentafluorobenzene	5.556	168	75800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	139422	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59638	48.887	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.780%
35) Dibromofluoromethane	5.385	113	45883	48.344	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.680%
50) Toluene-d8	8.647	98	174920	49.282	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.560%
62) 4-Bromofluorobenzene	11.079	95	67128	49.117	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.240%
Target Compounds						
29) Tetrahydrofuran	5.013	42	6080	12.035	ug/l	Qvalue 98

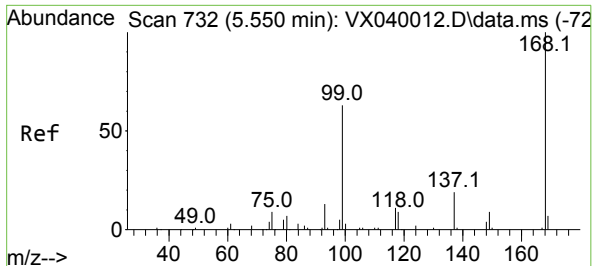
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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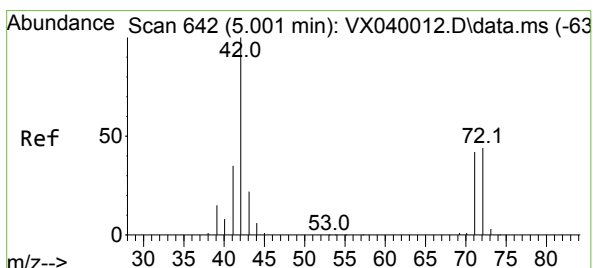
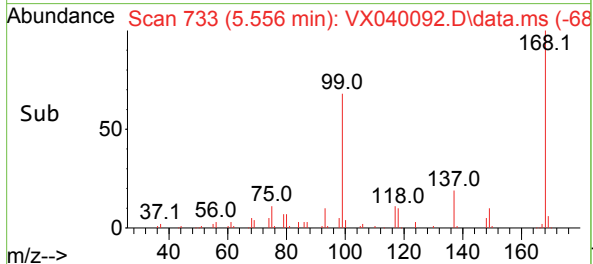
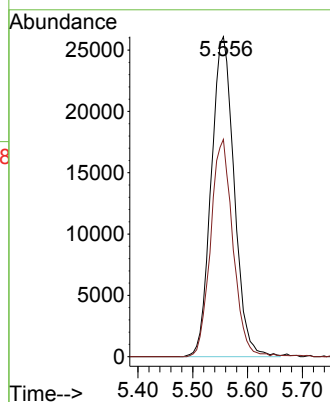
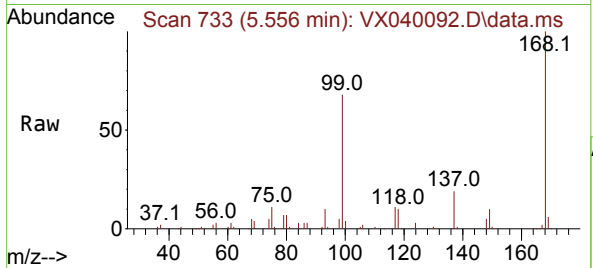




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040092.D
Acq: 02 Feb 2024 17:11

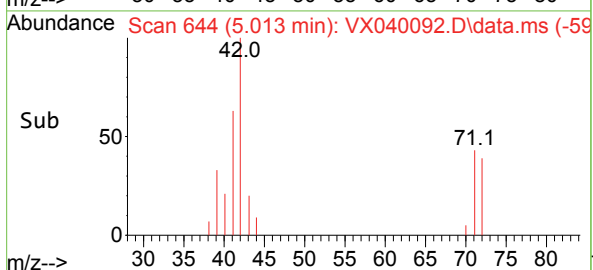
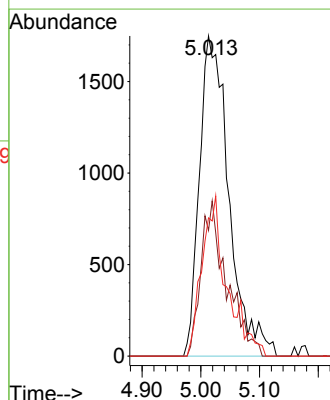
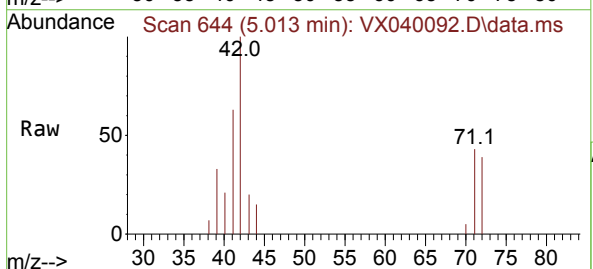
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-EB-20240131

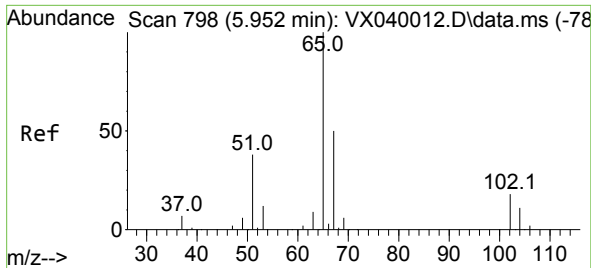
Tgt Ion:168 Resp: 75800
Ion Ratio Lower Upper
168 100
99 67.9 56.6 85.0



#29
Tetrahydrofuran
Concen: 12.035 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.012 min
Lab File: VX040092.D
Acq: 02 Feb 2024 17:11

Tgt Ion: 42 Resp: 6080
Ion Ratio Lower Upper
42 100
72 42.5 34.2 51.4
71 42.4 32.2 48.2

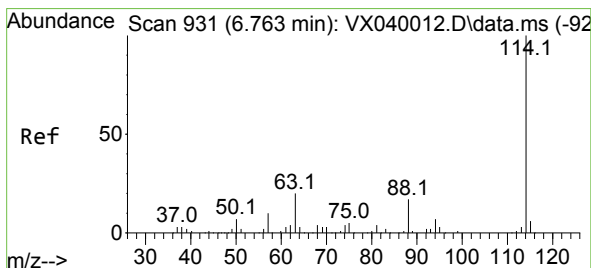
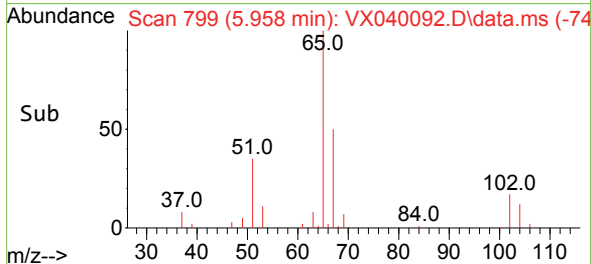
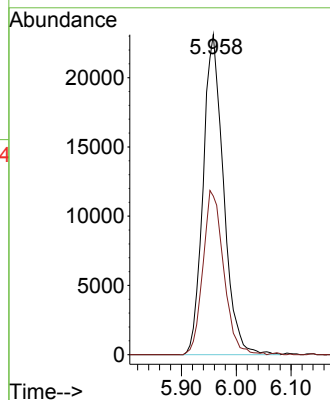
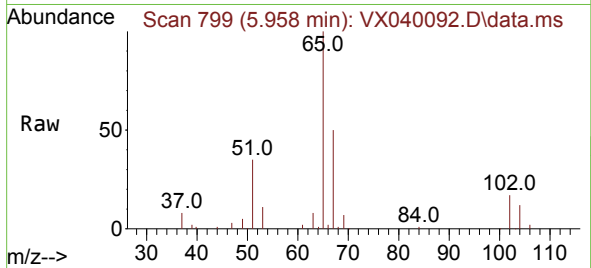




#33
1,2-Dichloroethane-d4
Concen: 48.887 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX040092.D
Acq: 02 Feb 2024 17:11

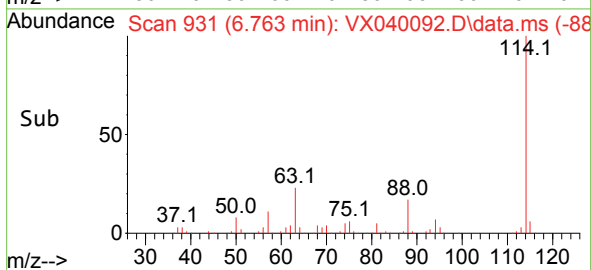
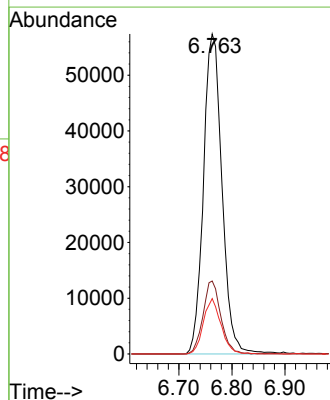
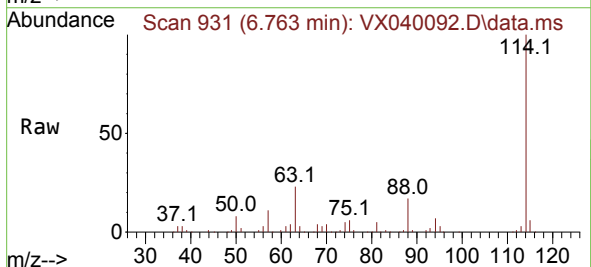
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-EB-20240131

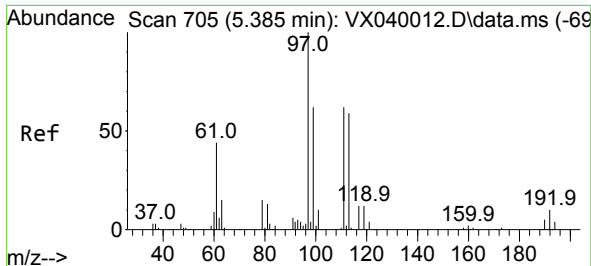
Tgt Ion: 65 Resp: 59638
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX040092.D
Acq: 02 Feb 2024 17:11

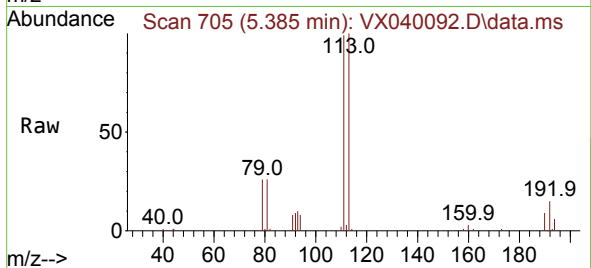
Tgt Ion: 114 Resp: 139422
Ion Ratio Lower Upper
114 100
63 22.8 0.0 45.0
88 17.3 0.0 36.6



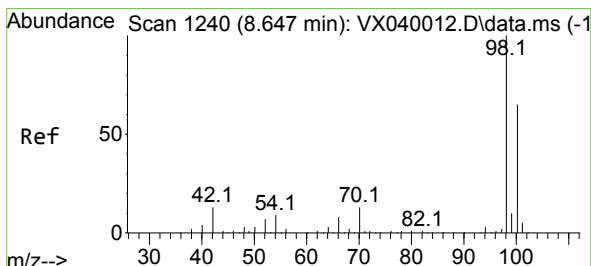
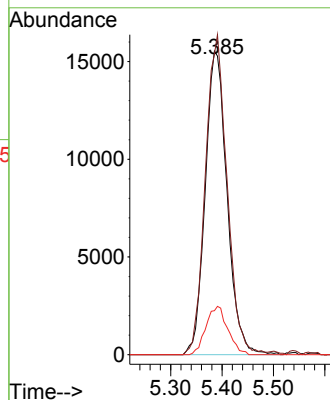
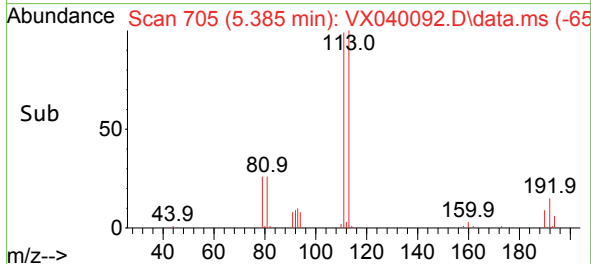


#35
Dibromofluoromethane
Concen: 48.344 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040092.D
Acq: 02 Feb 2024 17:11

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-EB-20240131

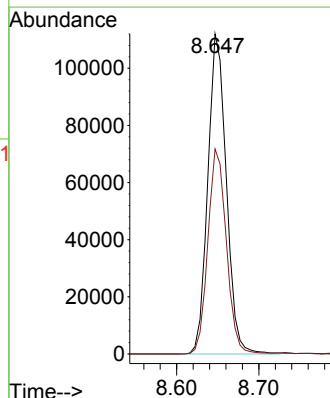
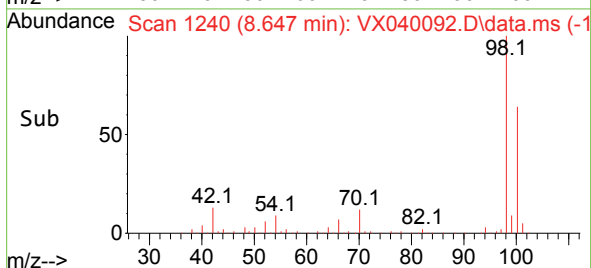
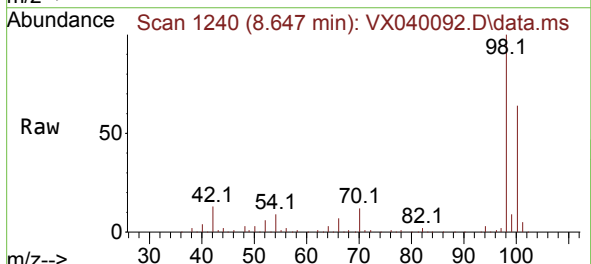


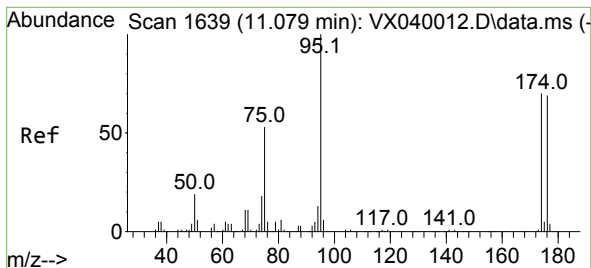
Tgt Ion:113 Resp: 45883
Ion Ratio Lower Upper
113 100
111 104.7 82.9 124.3
192 15.9 13.3 19.9



#50
Toluene-d8
Concen: 49.282 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040092.D
Acq: 02 Feb 2024 17:11

Tgt Ion: 98 Resp: 174920
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

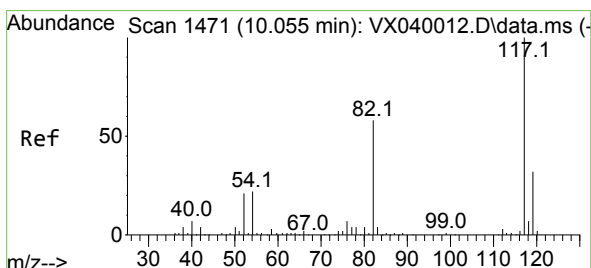
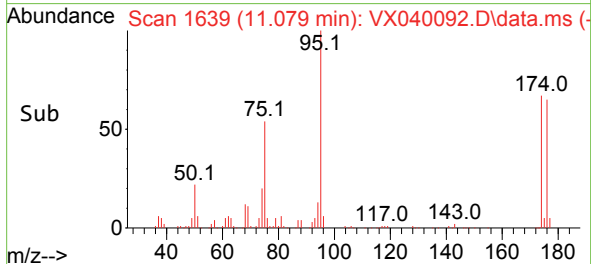
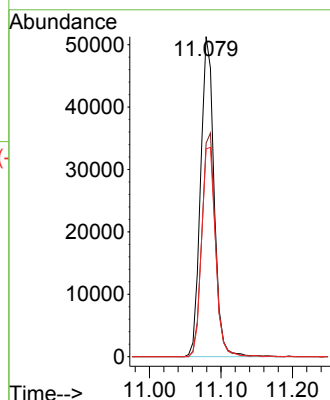
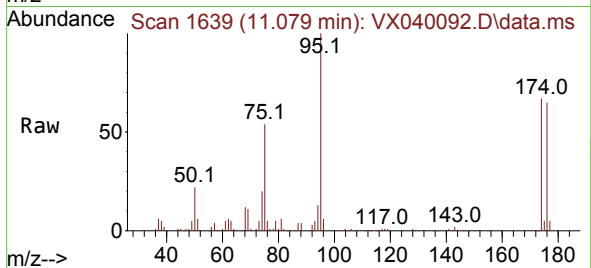




#62
4-Bromofluorobenzene
Concen: 49.117 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040092.D
Acq: 02 Feb 2024 17:11

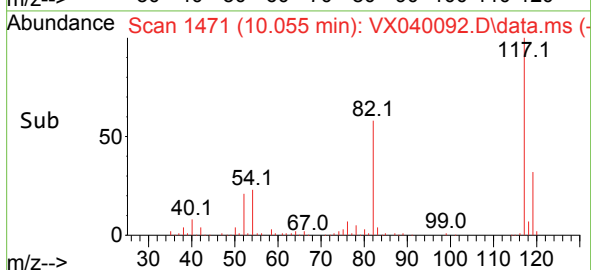
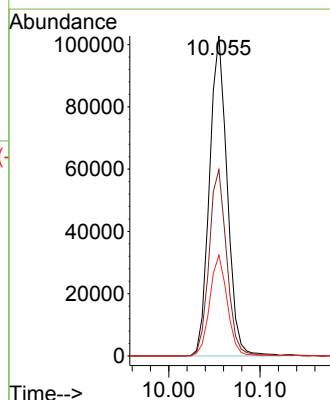
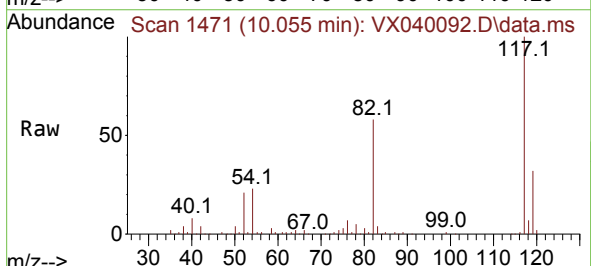
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-EB-20240131

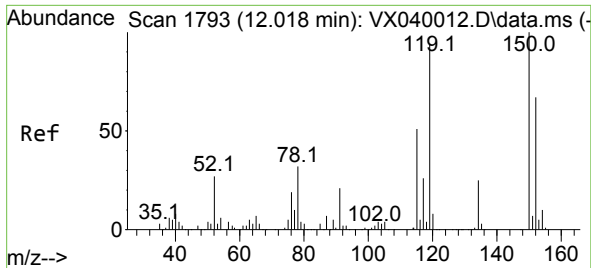
Tgt Ion: 95 Resp: 67128
Ion Ratio Lower Upper
95 100
174 70.0 0.0 135.6
176 67.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040092.D
Acq: 02 Feb 2024 17:11

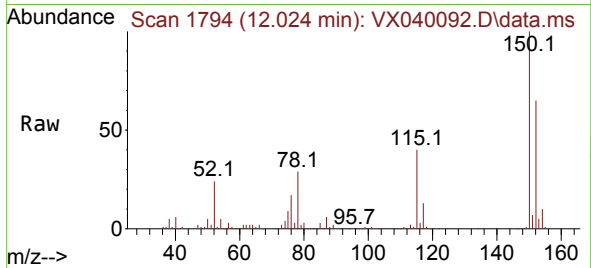
Tgt Ion: 117 Resp: 138097
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 31.6 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX040092.D
 Acq: 02 Feb 2024 17:11

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-EB-20240131



Tgt Ion:152 Resp: 66811
 Ion Ratio Lower Upper
 152 100
 115 66.0 43.3 129.9
 150 158.6 0.0 345.0

