

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082020\
 Data File : VX018024.D
 Acq On : 20 Aug 2020 11:00
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 20 15:25:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	565928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	889902	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	821629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	400653	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	377772	45.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.08%	
35) Dibromofluoromethane	5.46	113	301110	45.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.88%	
50) Toluene-d8	8.70	98	1054299	45.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.02%	
62) 4-Bromofluorobenzene	11.12	95	385233	44.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.06%	

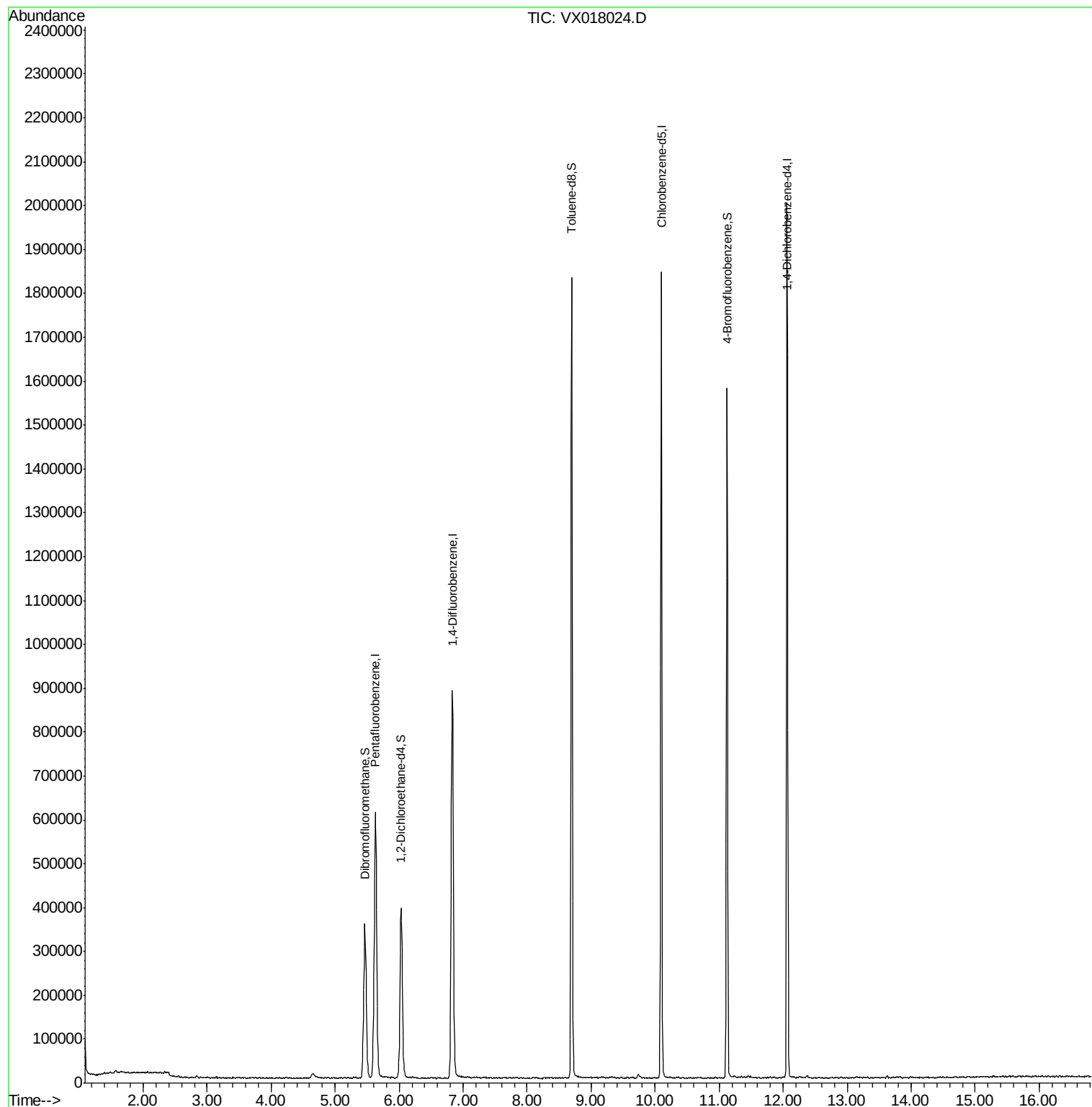
Target Compounds	Qvalue

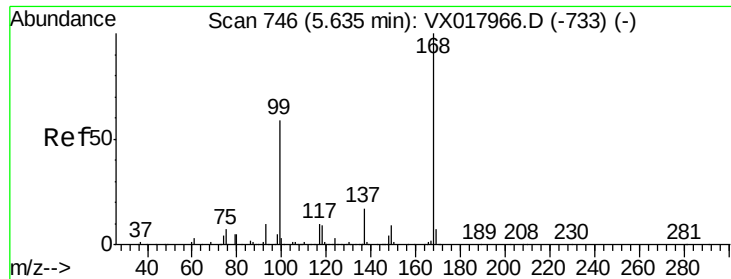
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX018024.D

Acq: 20 Aug 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

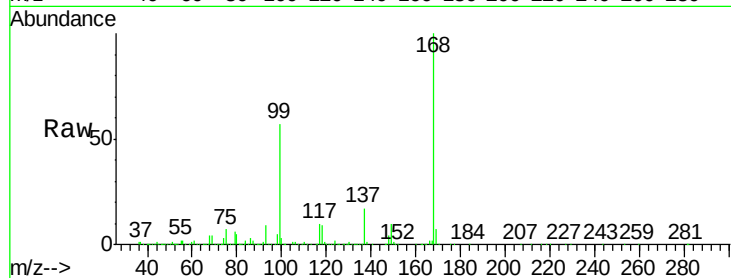
IBLK

Tot Ion:168 Resp: 565928

Ion Ratio Lower Upper

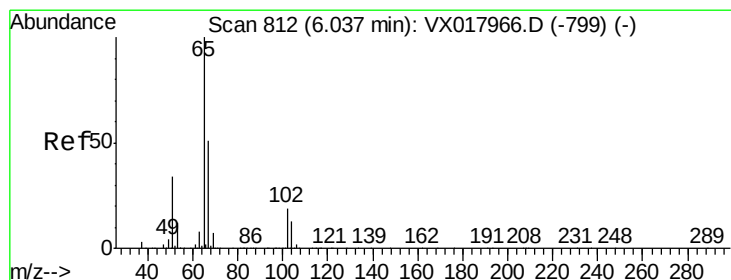
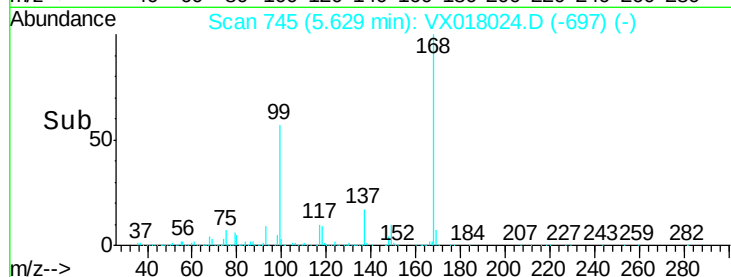
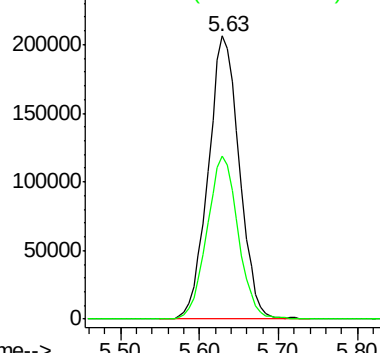
168 100

99 57.4 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.536 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX018024.D

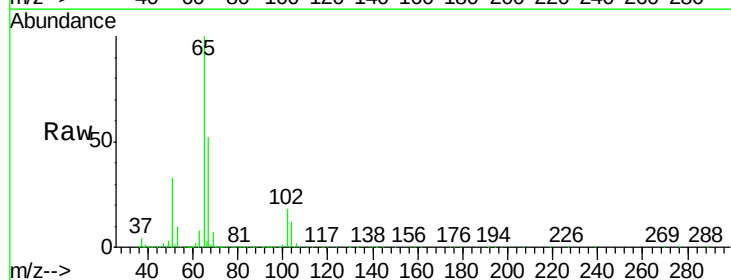
Acq: 20 Aug 2020 11:00

Tgt Ion: 65 Resp: 377772

Ion Ratio Lower Upper

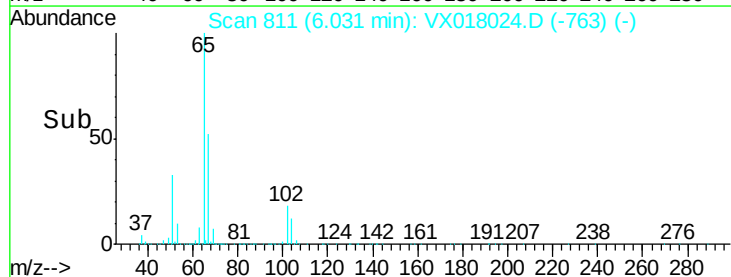
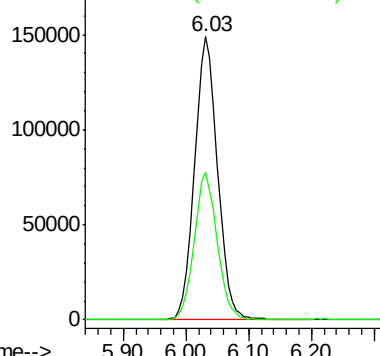
65 100

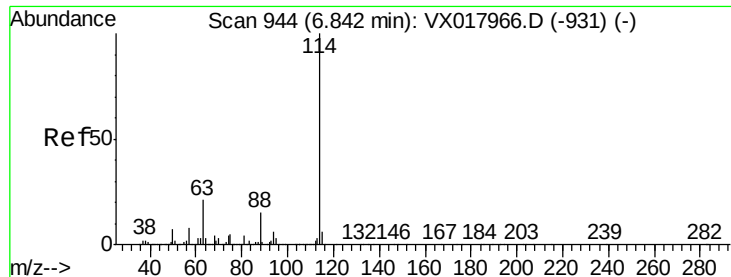
67 51.9 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

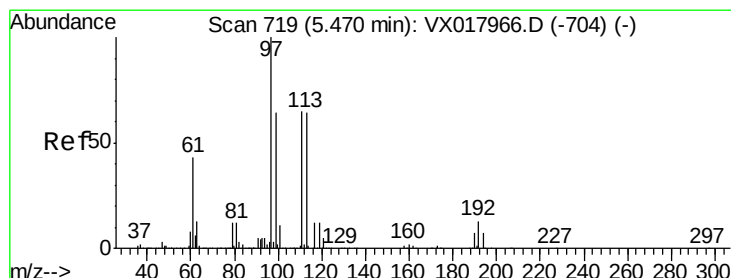
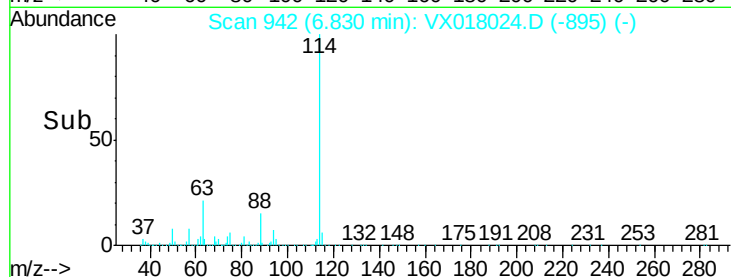
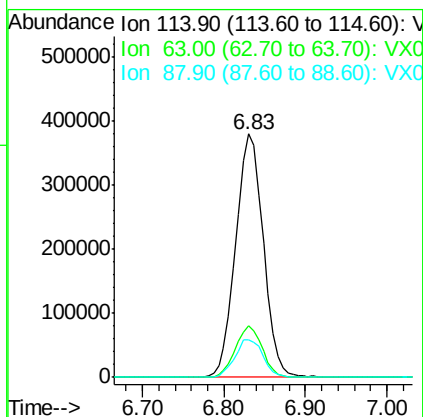
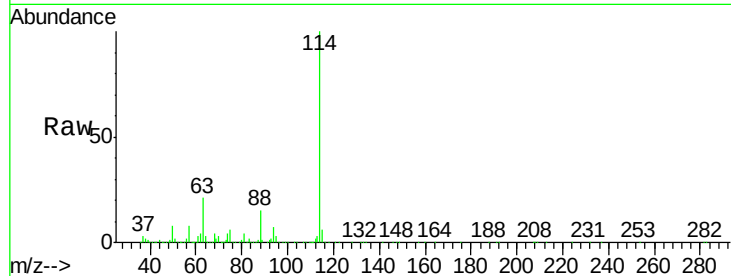




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018024.D
 Acq: 20 Aug 2020 11:00

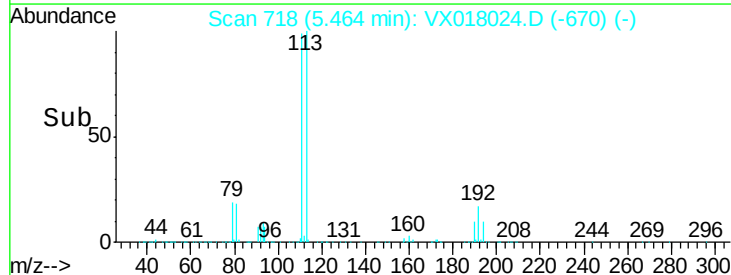
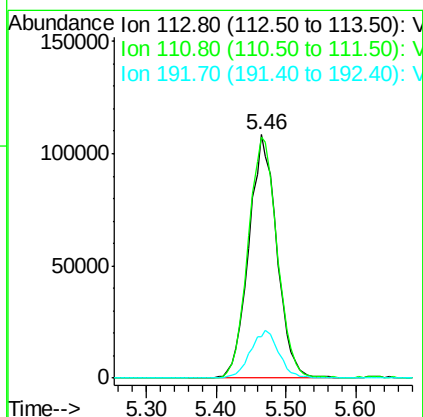
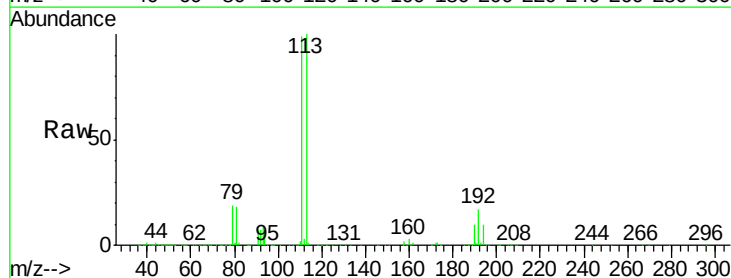
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

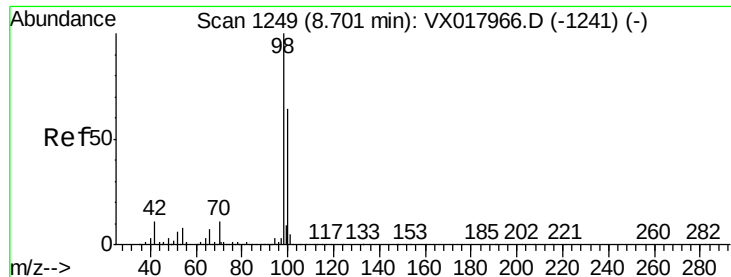
Tot Ion:114 Resp: 889902
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 42.6
 88 15.2 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 45.437 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX018024.D
 Acq: 20 Aug 2020 11:00

Tgt Ion:113 Resp: 301110
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.5 125.3
 192 20.0 16.2 24.4

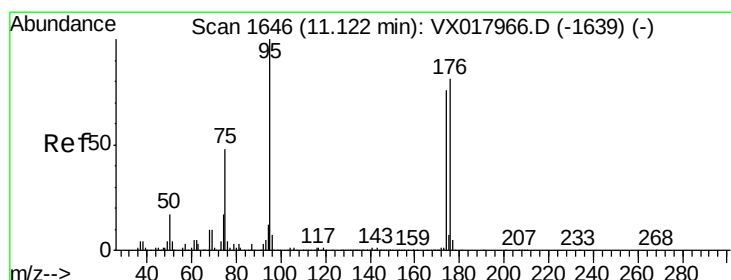
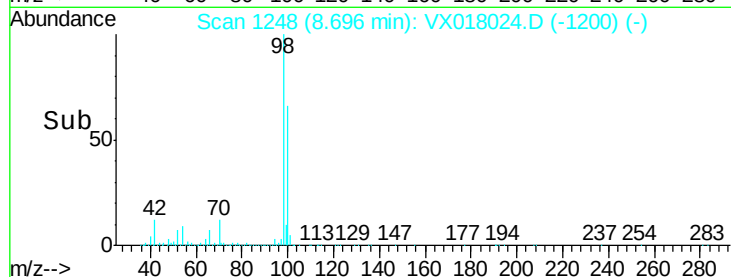
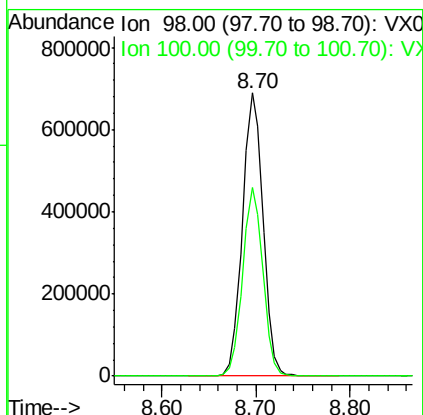
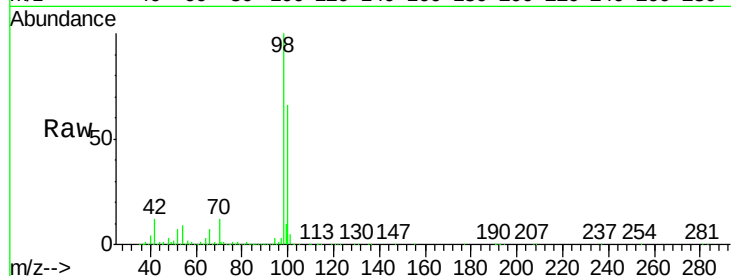




#50
Toluene-d8
Concen: 45.008 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.01 min
Lab File: VX018024.D
Acq: 20 Aug 2020 11:00

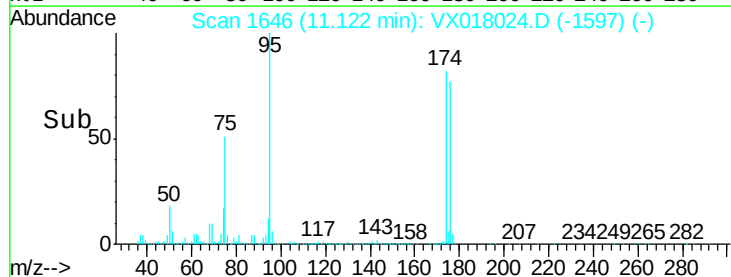
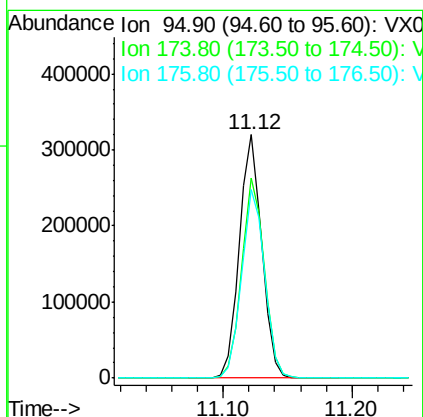
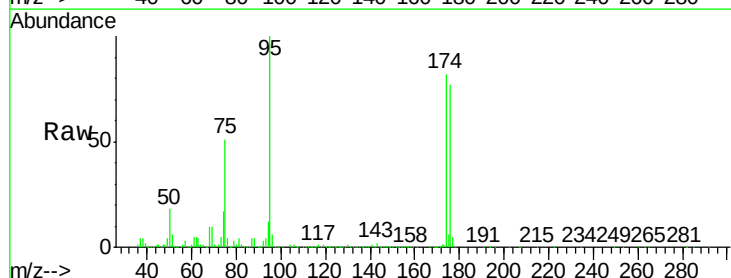
Instrument :
MSVOA_X
ClientSampleId :
IBLK

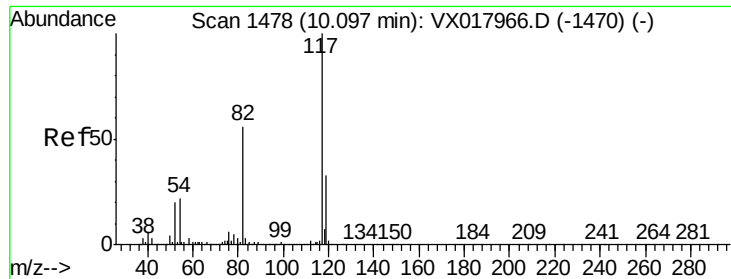
Tot Ion: 98 Resp: 1054299
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 44.527 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018024.D
Acq: 20 Aug 2020 11:00

Tgt Ion: 95 Resp: 385233
Ion Ratio Lower Upper
95 100
174 83.1 0.0 166.0
176 79.1 0.0 161.0

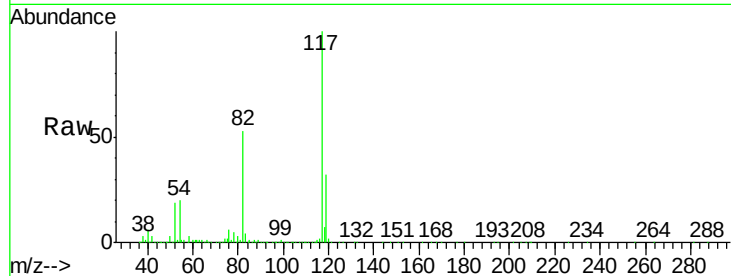




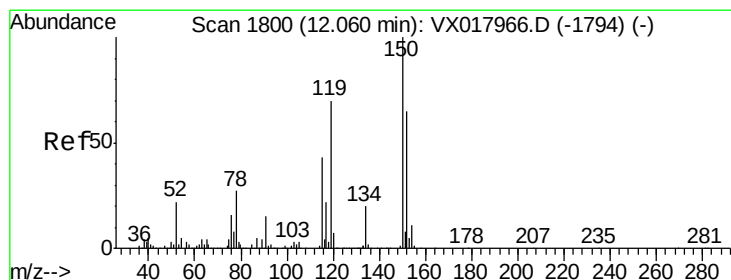
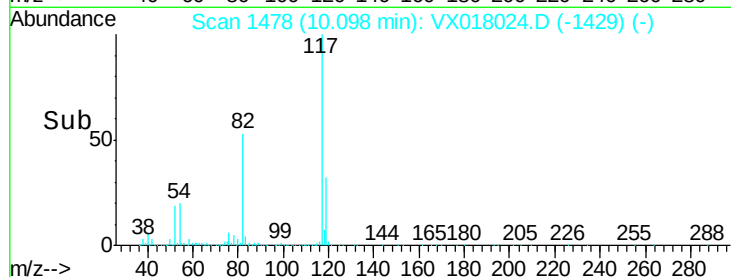
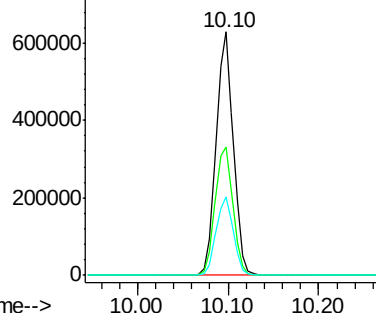
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018024.D
Acq: 20 Aug 2020 11:00

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	44.6	66.8
119	32.0	26.2	39.4

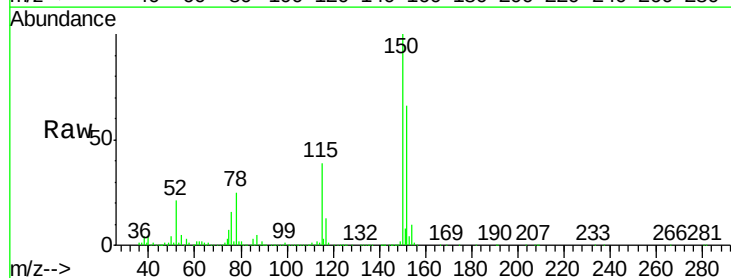


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018024.D
Acq: 20 Aug 2020 11:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	40.6	121.7
150	159.4	0.0	346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

