

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016844.D
 Acq On : 18 Jun 2020 12:55
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 18 14:55:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 18 14:28:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	297746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	385172	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	352109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	176969	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	159926	44.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.52%	
35) Dibromofluoromethane	5.47	113	125063	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
50) Toluene-d8	8.70	98	447072	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	
62) 4-Bromofluorobenzene	11.12	95	157495	40.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.22%	

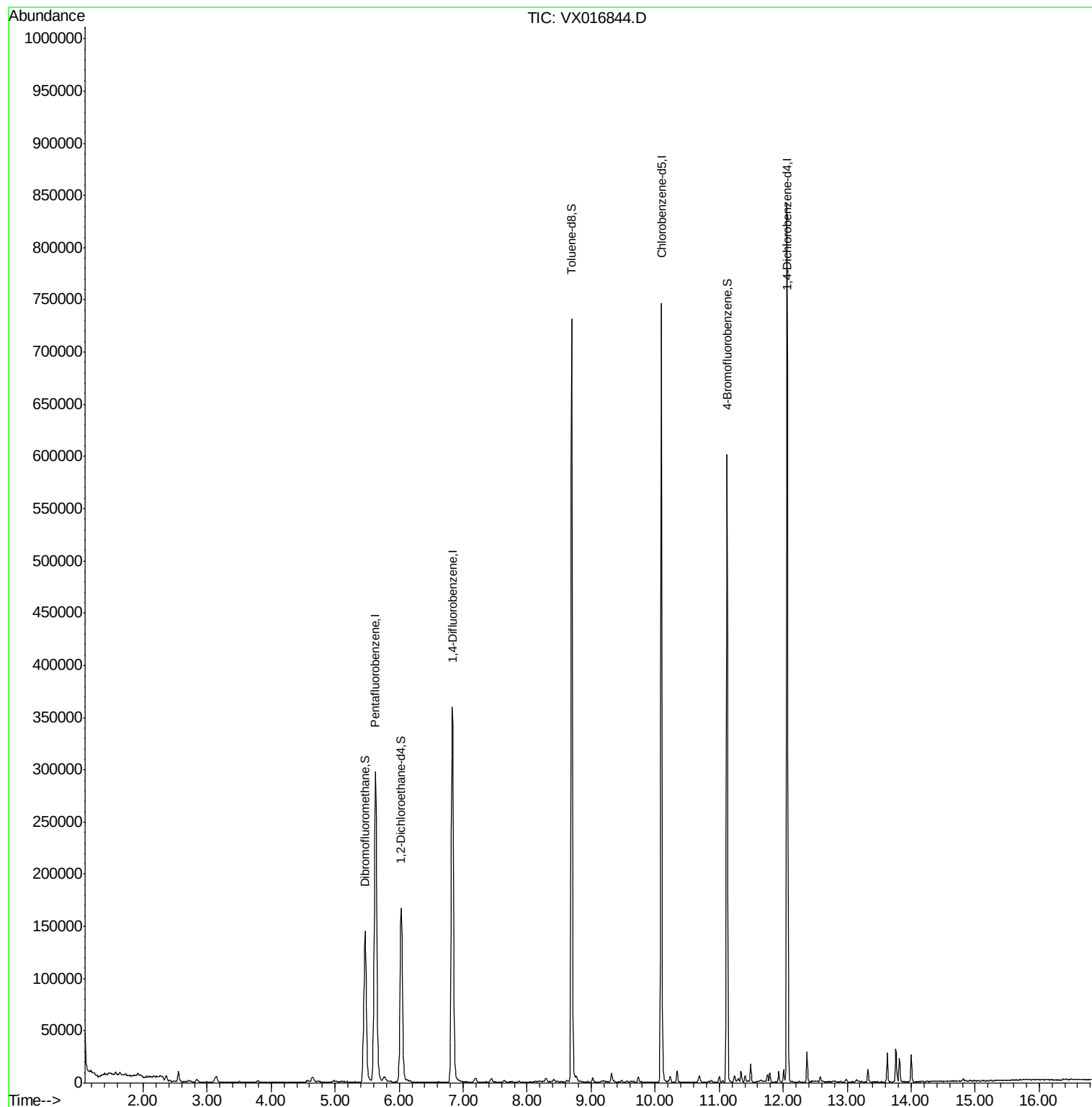
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
96) 1,2,3-Trichlorobenzene	14.00	180	6532	Below Cal		98

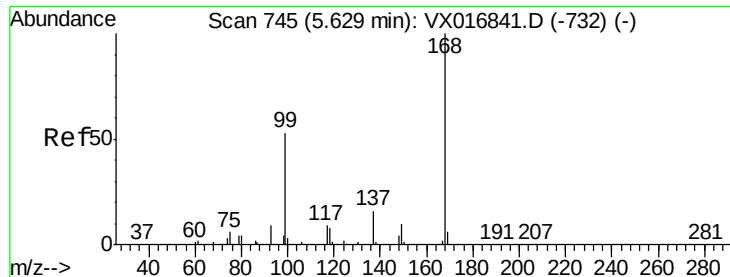
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016844.D

Acq: 18 Jun 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

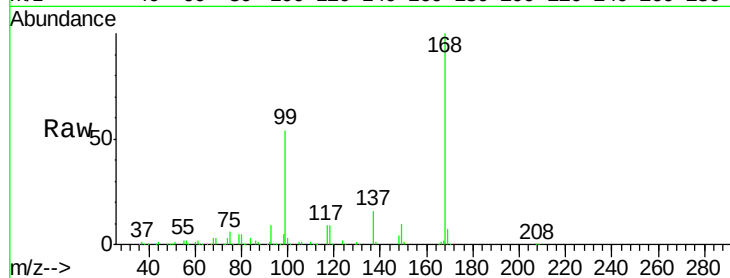
IBLK

Tot Ion:168 Resp: 297746

Ion Ratio Lower Upper

168 100

99 53.7 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

60000

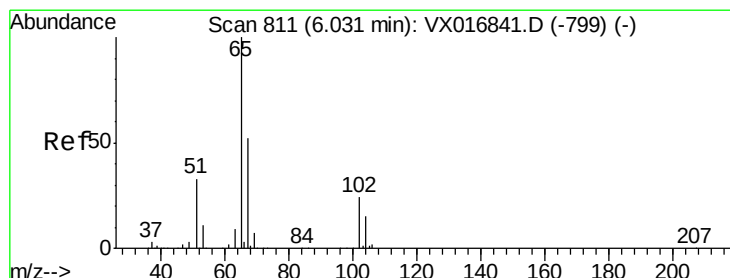
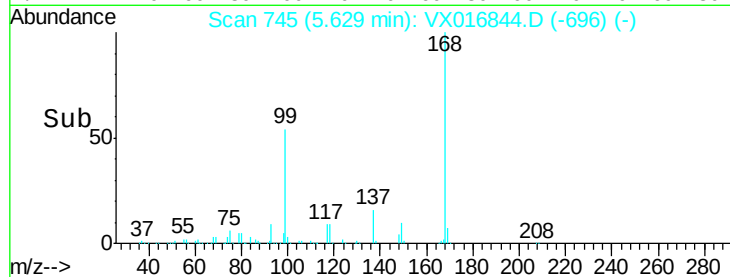
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 44.256 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016844.D

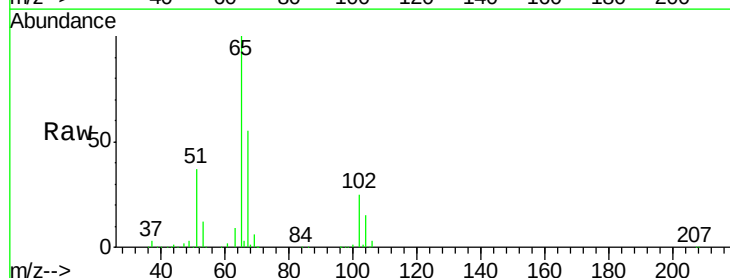
Acq: 18 Jun 2020 12:55

Tgt Ion: 65 Resp: 159926

Ion Ratio Lower Upper

65 100

67 52.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

60000

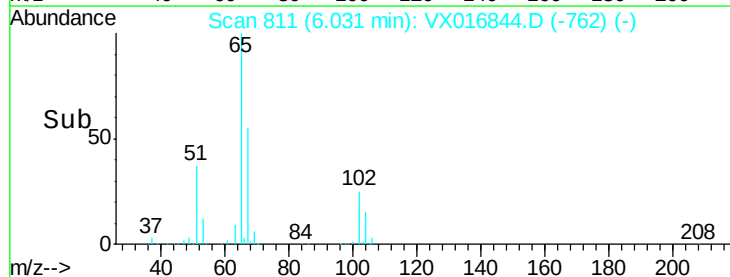
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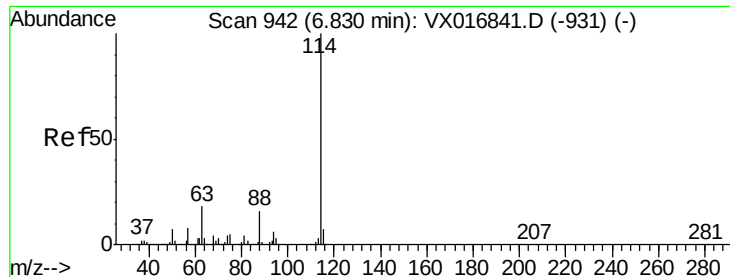
20000

0

Time-->

5.90 6.00 6.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016844.D

Acq: 18 Jun 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

IBLK

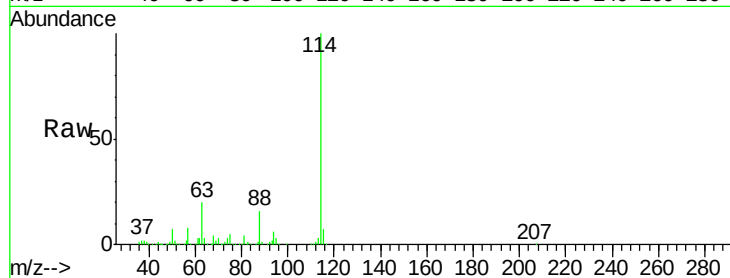
Tot Ion:114 Resp: 385172

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.0

88 16.1 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

200000

150000

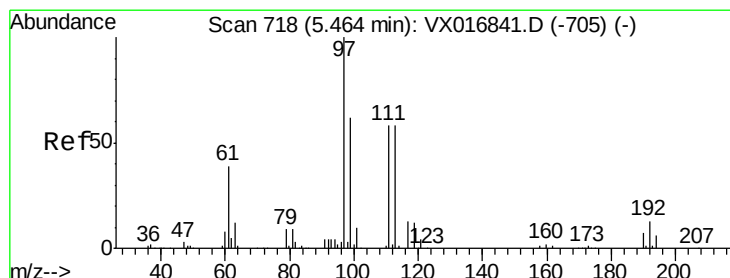
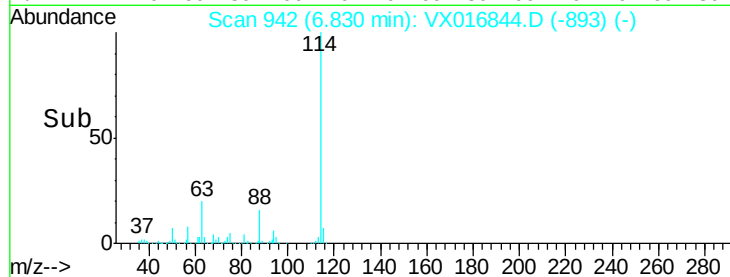
100000

50000

0

6.70 6.80 6.90 7.00 7.10

Time-->



#35

Dibromofluoromethane

Concen: 51.647 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016844.D

Acq: 18 Jun 2020 12:55

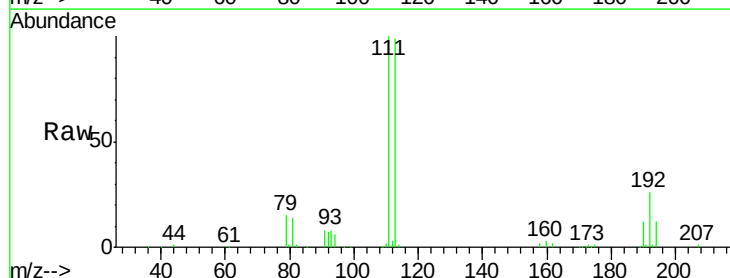
Tgt Ion:113 Resp: 125063

Ion Ratio Lower Upper

113 100

111 101.4 81.0 121.4

192 23.4 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

60000

50000

40000

30000

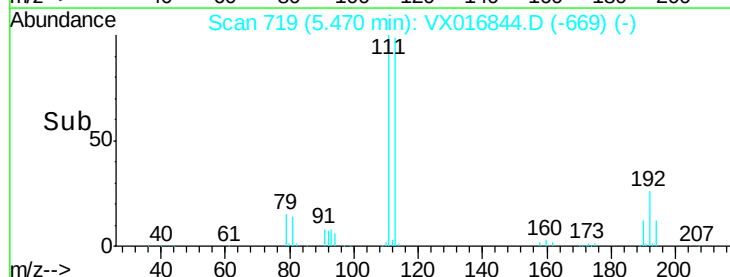
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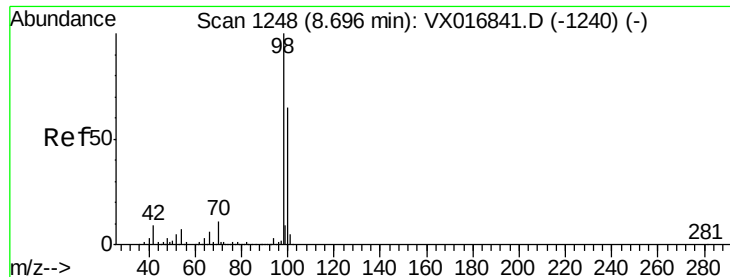
10000

0

5.30 5.40 5.50 5.60

Time-->

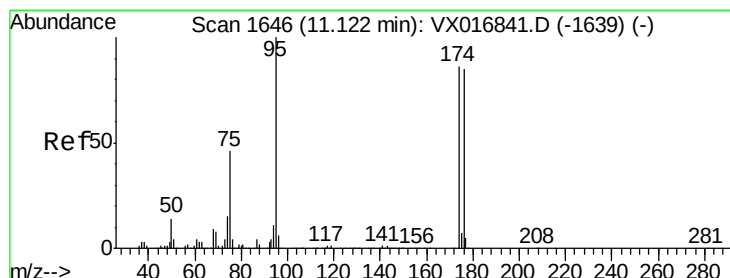
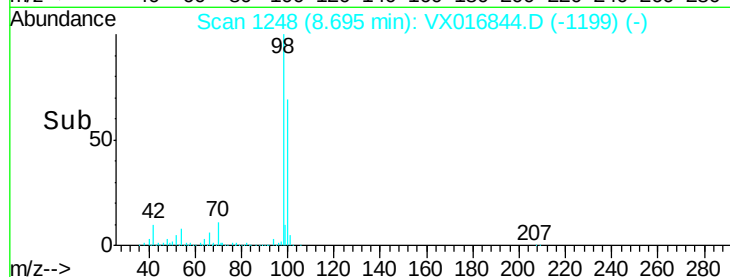
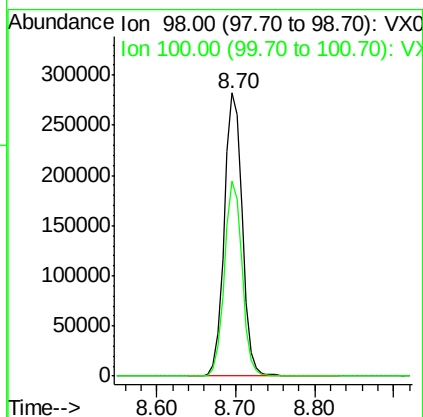
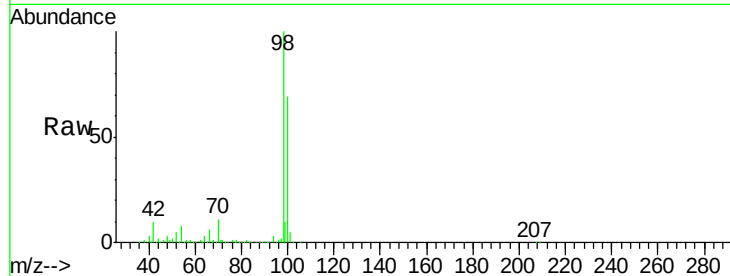




#50
Toluene-d8
Concen: 46.376 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016844.D
Acq: 18 Jun 2020 12:55

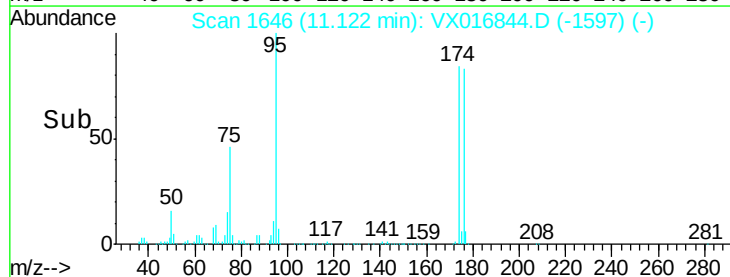
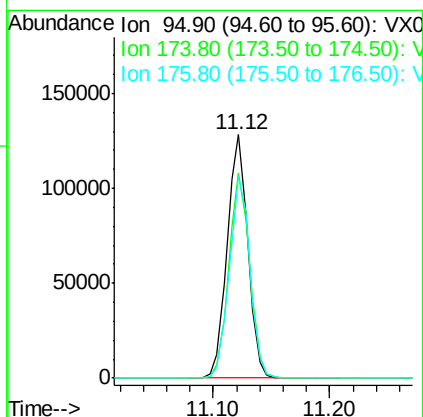
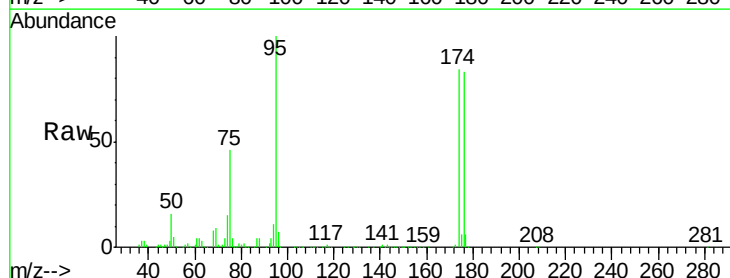
Instrument :
MSVOA_X
ClientSampleId :
IBLK

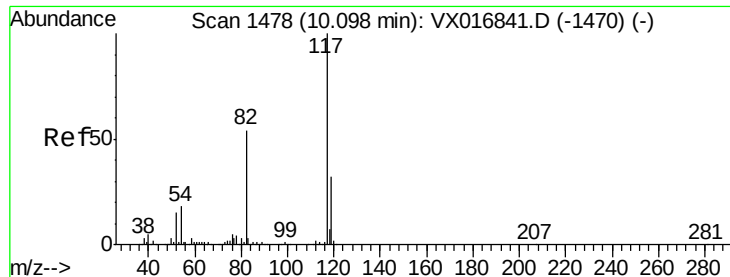
Tot Ion: 98 Resp: 447072
Ion Ratio Lower Upper
98 100
100 67.5 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 40.610 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016844.D
Acq: 18 Jun 2020 12:55

Tgt Ion: 95 Resp: 157495
Ion Ratio Lower Upper
95 100
174 85.3 0.0 174.2
176 82.9 0.0 170.0

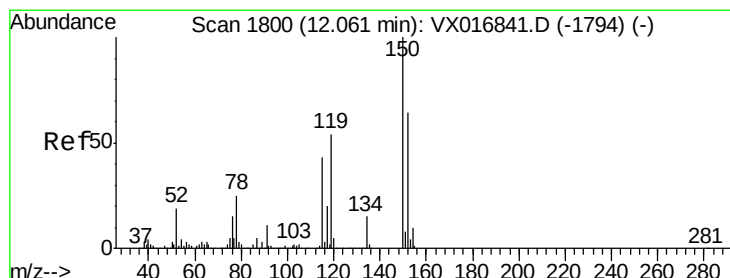
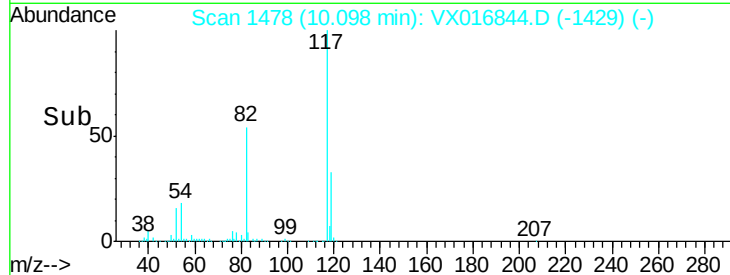
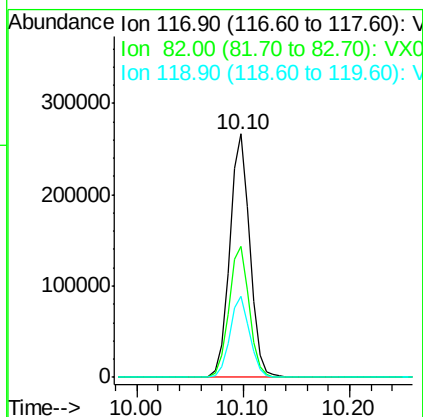
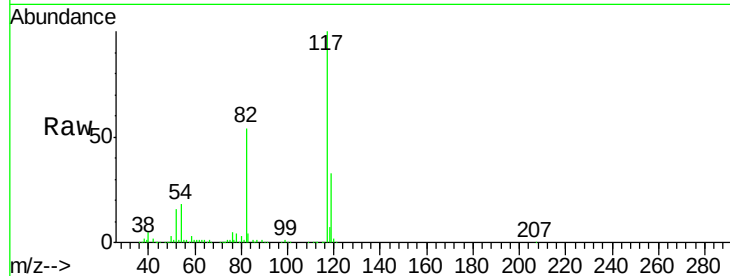




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016844.D
Acq: 18 Jun 2020 12:55

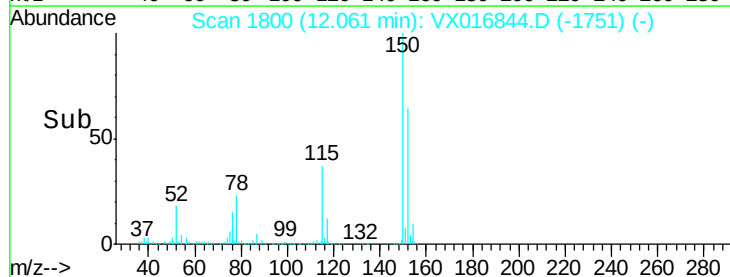
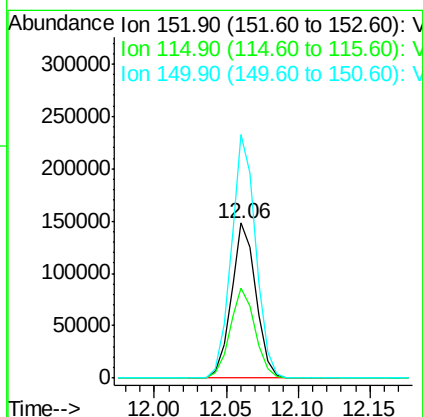
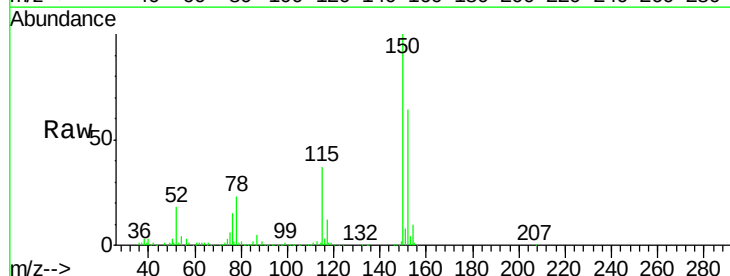
Instrument :
MSVOA_X
ClientSampleId :
IBLK

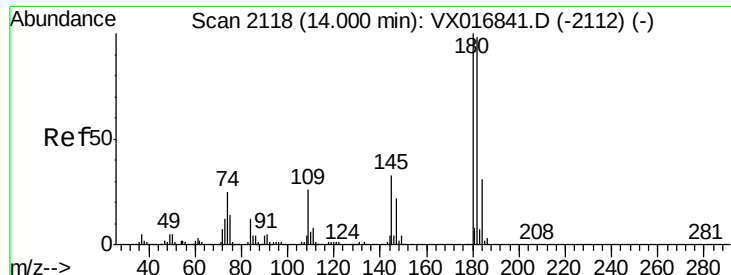
Tot Ion:117 Resp: 352109
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 33.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016844.D
Acq: 18 Jun 2020 12:55

Tgt Ion:152 Resp: 176969
Ion Ratio Lower Upper
152 100
115 58.7 40.9 122.8
150 156.3 0.0 344.2

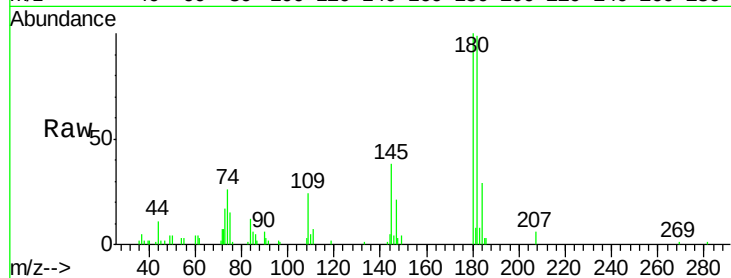




#96
 1,2,3-Trichlorobenzene
 Concen: Below Cal
 RT: 14.00 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VX016844.D
 Acq: 18 Jun 2020 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.4	142.3
145	33.2	16.0	48.0



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

