

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072820\
 Data File : VX017652.D
 Acq On : 28 Jul 2020 14:46
 Operator : JC/SP
 Sample : L3371-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS034-200720

Quant Time: Jul 29 03:24:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

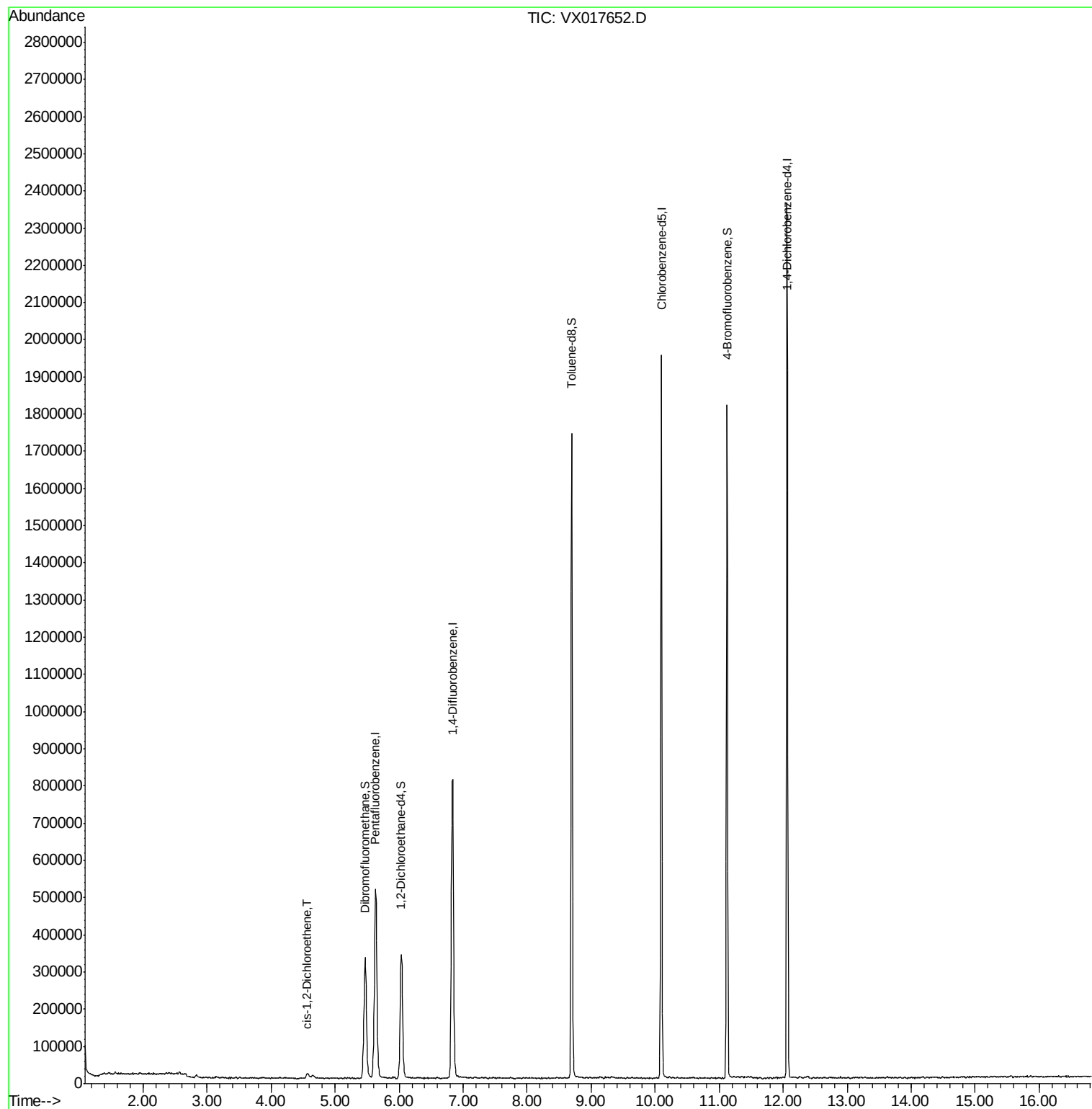
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	491215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	821948	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	868779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	474531	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	338173	53.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.18%	
35) Dibromofluoromethane	5.47	113	277638	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
50) Toluene-d8	8.70	98	1015422	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	11.12	95	453779	57.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.36%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.56	96	8312	1.408	ug/l	Qvalue 90

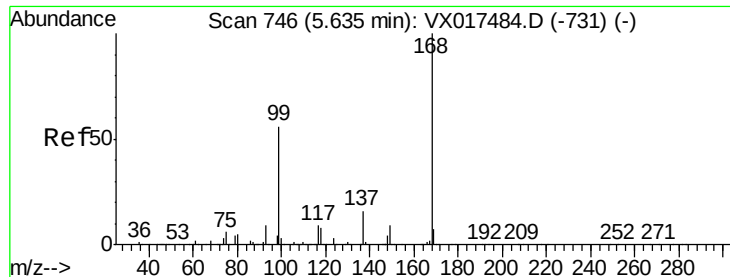
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

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MSVOA_X

ClientSampleId :

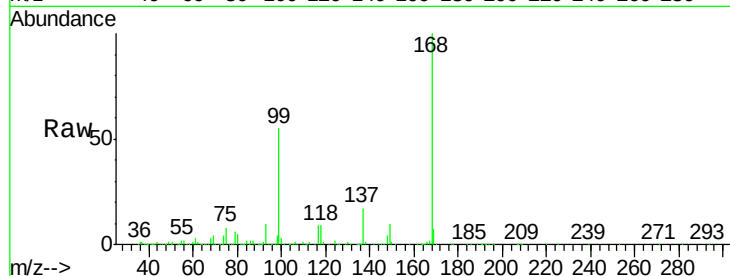
KY038PS034-200720

Tgt Ion:168 Resp: 491215

Ion Ratio Lower Upper

168 100

99 55.0 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

150000

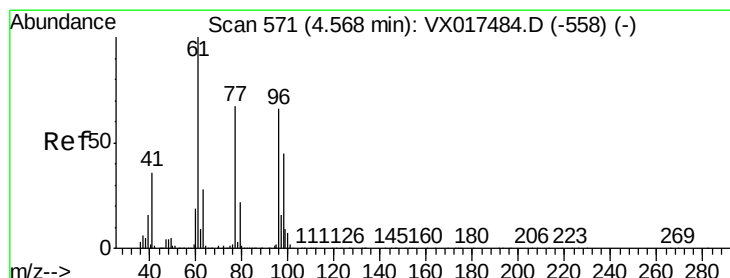
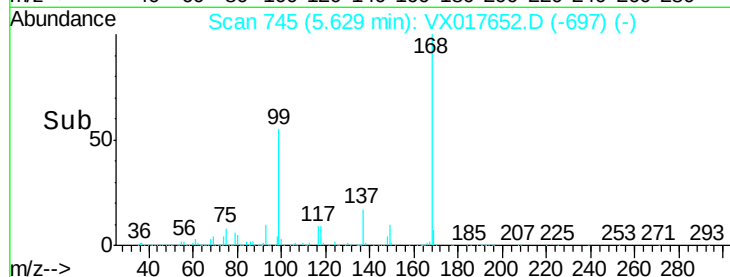
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 1.408 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX017652.D

Acq: 28 Jul 2020 14:46

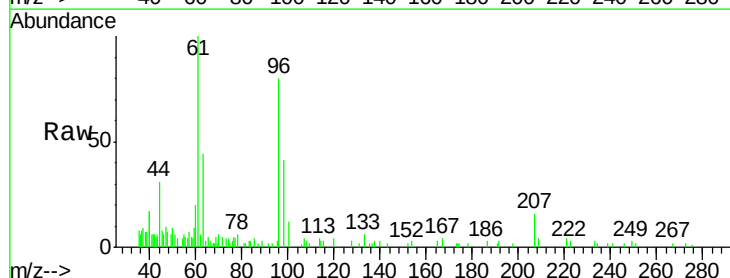
Tgt Ion: 96 Resp: 8312

Ion Ratio Lower Upper

96 100

61 132.5 0.0 301.2

98 65.9 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

4.56

5000

4000

3000

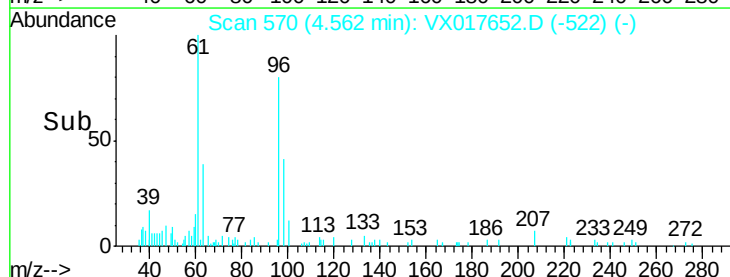
2000

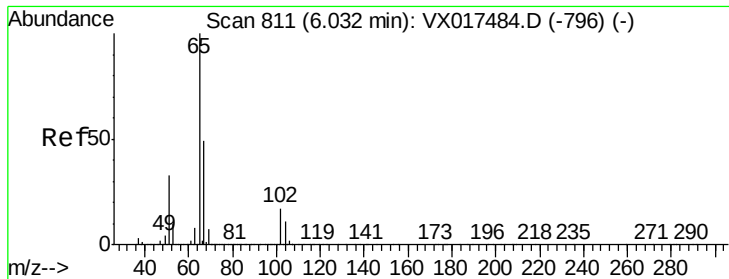
1000

0

Time-->

4.50 4.55 4.60 4.65





#33

1,2-Dichloroethane-d4

Concen: 53.594 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017652.D

Acq: 28 Jul 2020 14:46

Instrument :

MSVOA_X

ClientSampleId :

KY038PS034-200720

Tgt Ion: 65 Resp: 338173

Ion Ratio Lower Upper

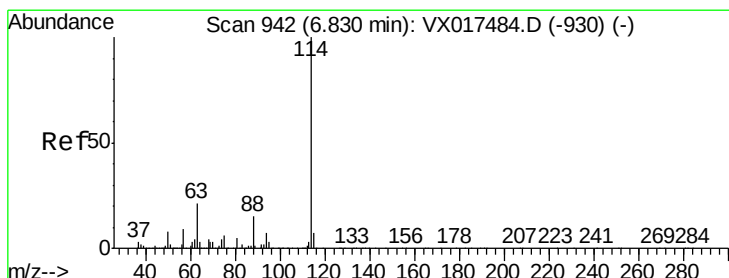
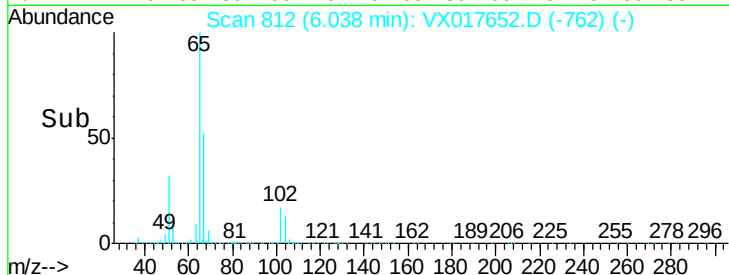
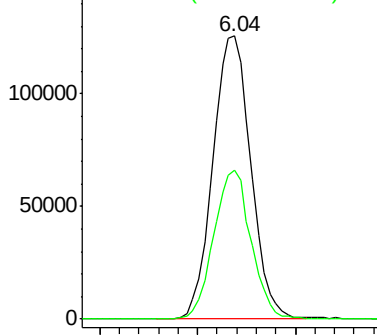
65 100

67 51.5 0.0 102.8



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. -0.00 min

Lab File: VX017652.D

Acq: 28 Jul 2020 14:46

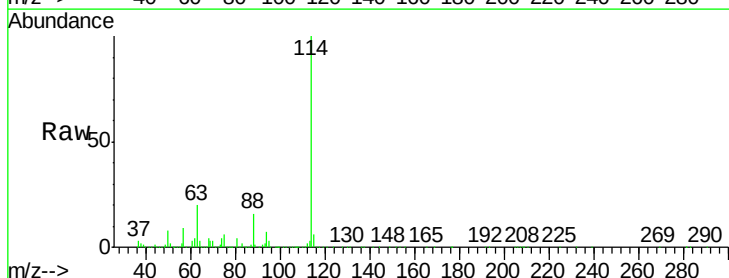
Tgt Ion: 114 Resp: 821948

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.6

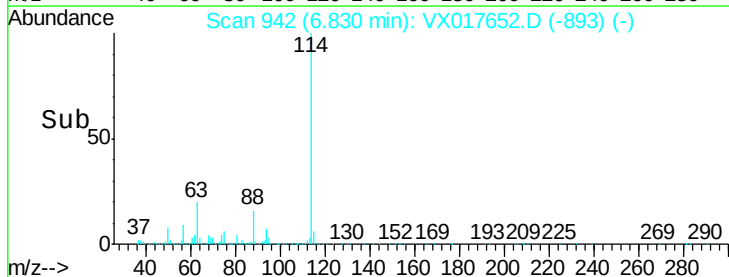
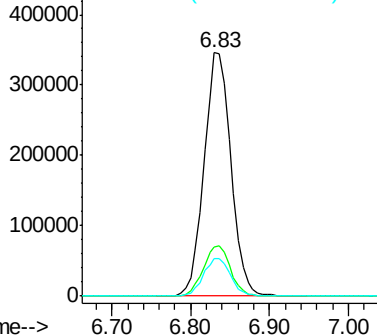
88 15.6 0.0 33.4

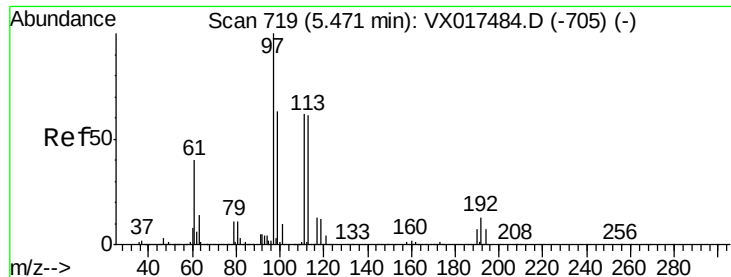


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

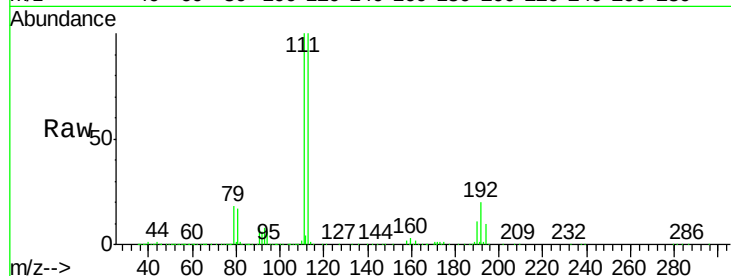




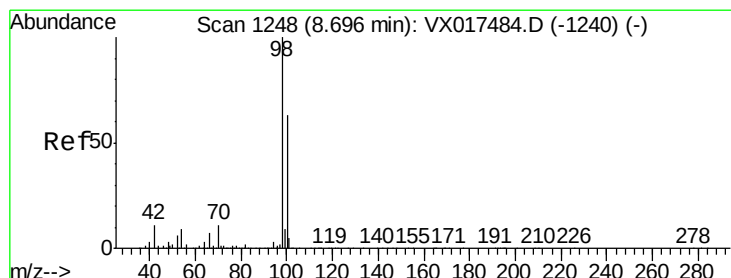
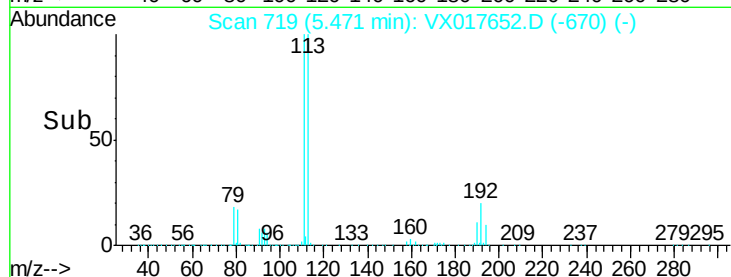
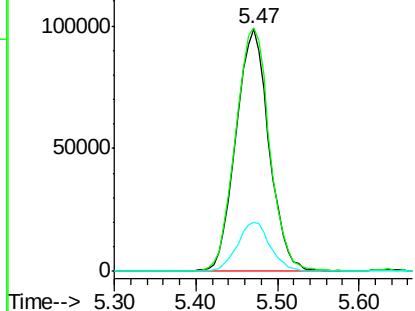
#35
 Dibromofluoromethane
 Concen: 50.505 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX017652.D
 Acq: 28 Jul 2020 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS034-200720

Tgt Ion:113 Resp: 277638
 Ion Ratio Lower Upper
 113 100
 111 103.5 80.7 121.1
 192 20.2 16.9 25.3

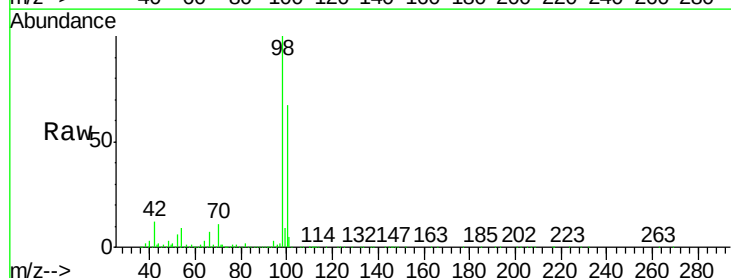


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

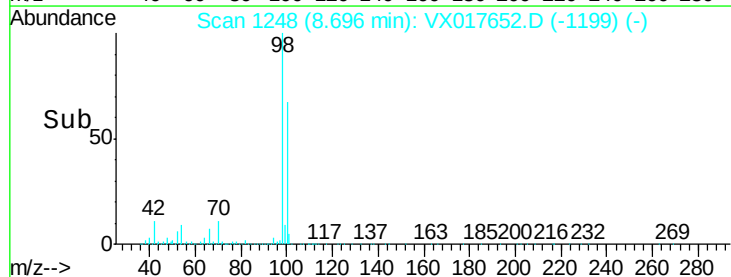
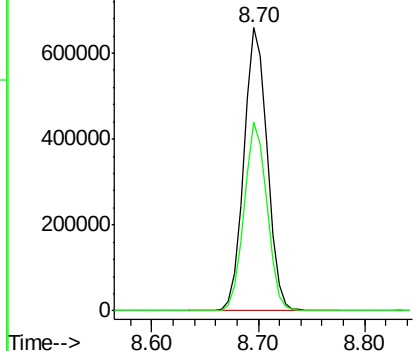


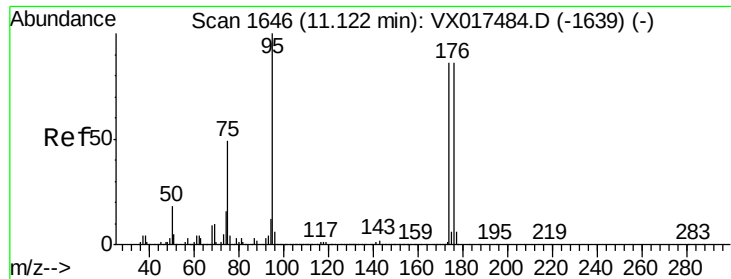
#50
 Toluene-d8
 Concen: 51.203 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX017652.D
 Acq: 28 Jul 2020 14:46

Tgt Ion: 98 Resp: 1015422
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

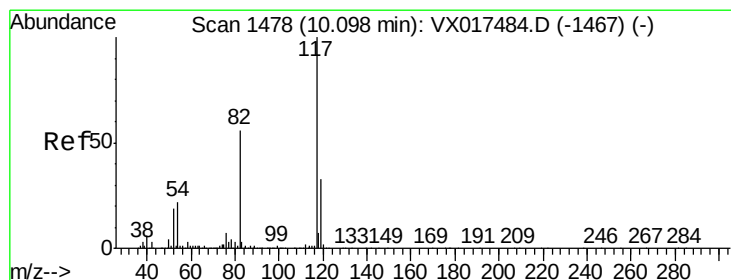
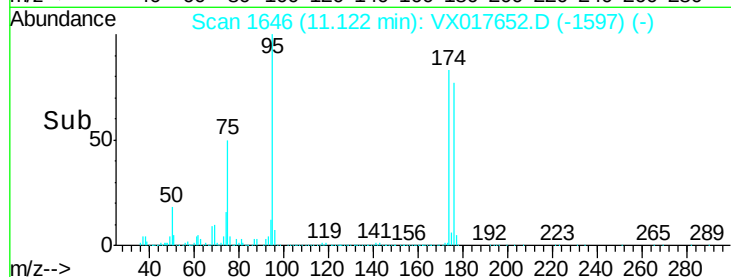
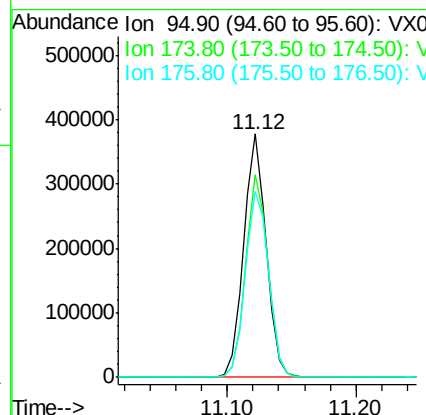
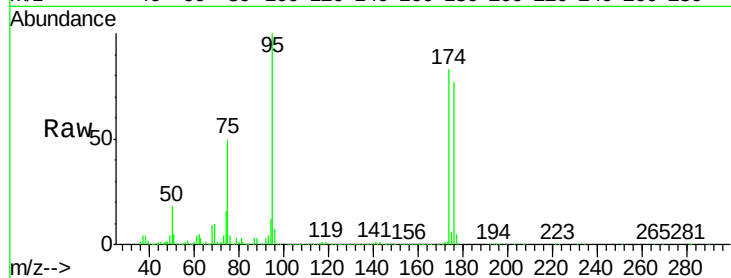




#62
4-Bromofluorobenzene
Concen: 57.176 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017652.D
Acq: 28 Jul 2020 14:46

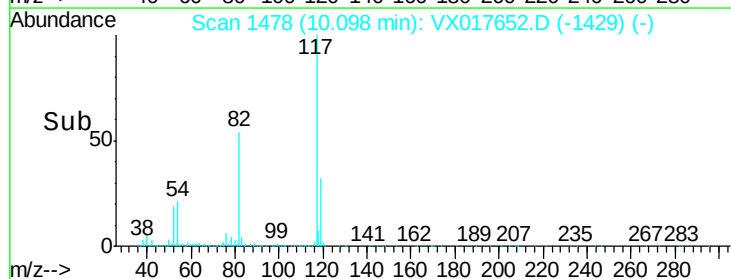
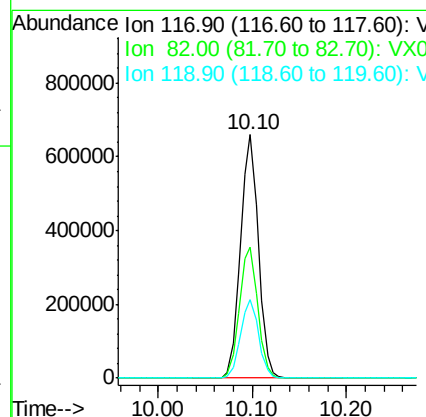
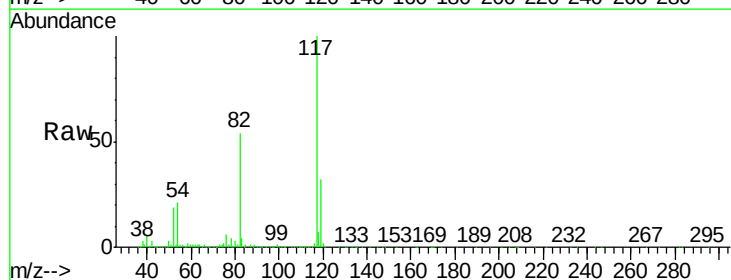
Instrument :
MSVOA_X
ClientSampleId :
KY038PS034-200720

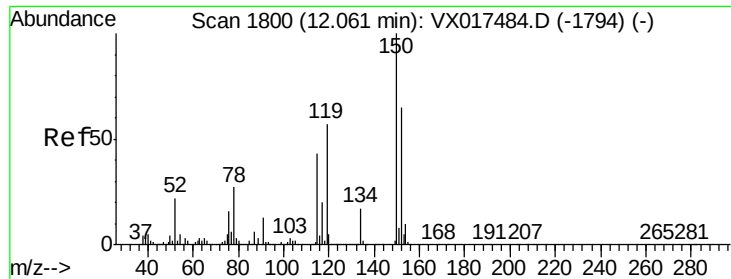
Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.5	0.0	169.0
176	79.3	0.0	161.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017652.D
Acq: 28 Jul 2020 14:46

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.9	44.0	66.0
119	32.3	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017652.D

Acq: 28 Jul 2020 14:46

Instrument :

MSVOA_X

ClientSampleId :

KY038PS034-200720

Tgt Ion:152 Resp: 474531

Ion Ratio Lower Upper

152 100

115 58.0 65.5 196.6#

150 155.3 0.0 412.6

