

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040620\
 Data File : VX015516.D
 Acq On : 06 Apr 2020 16:34
 Operator : JC/SP
 Sample : PB128019TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB128019TB

Quant Time: Apr 07 07:06:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

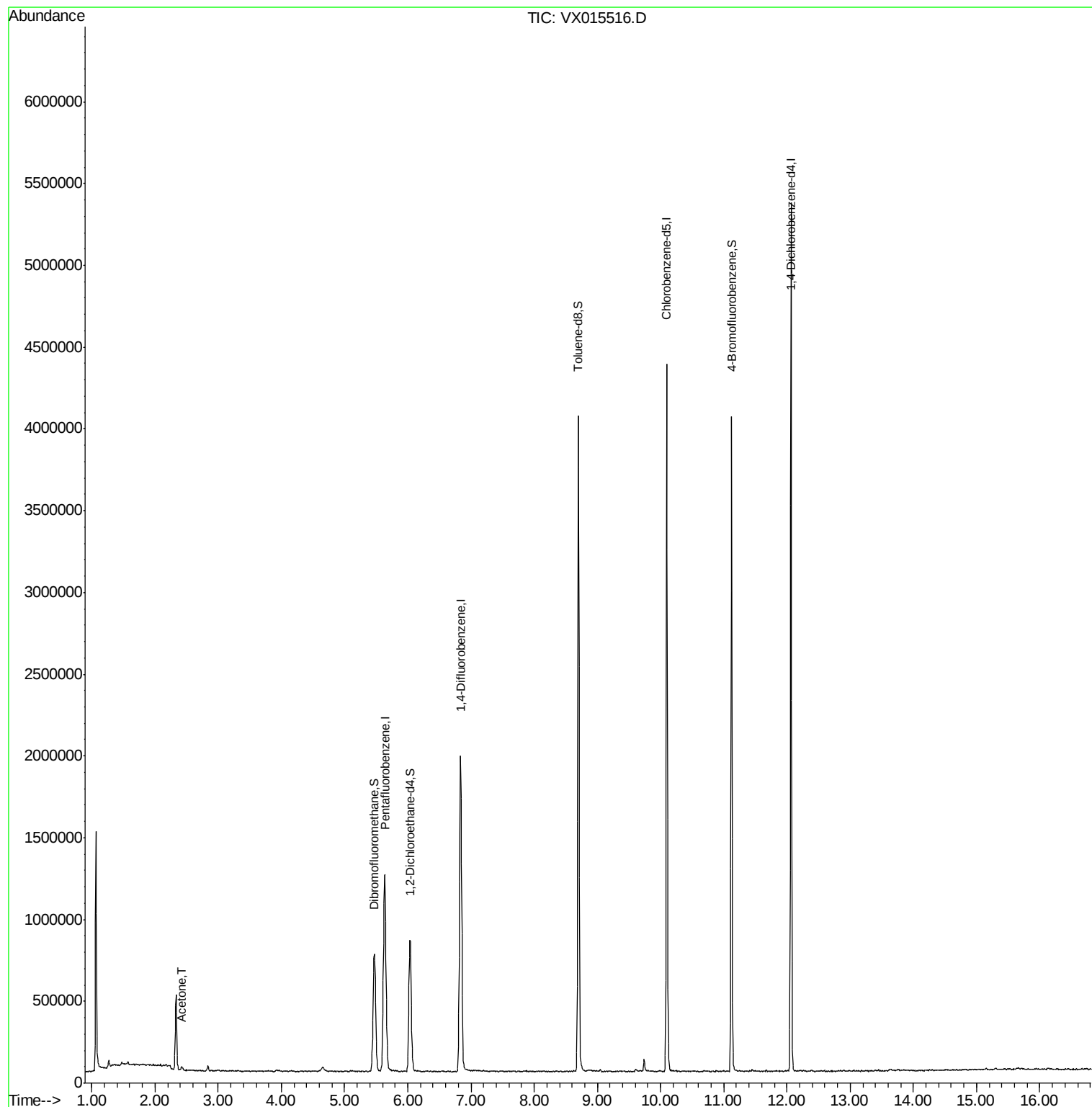
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1192210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1940803	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1875073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	1064633	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	794727	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
35) Dibromofluoromethane	5.47	113	606993	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	8.70	98	2337308	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
62) 4-Bromofluorobenzene	11.12	95	1036037	55.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.62%	
Target Compounds						
16) Acetone	2.42	43	24738	3.424	ug/l	Qvalue 95

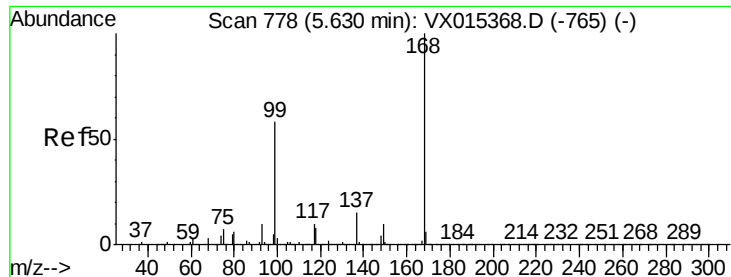
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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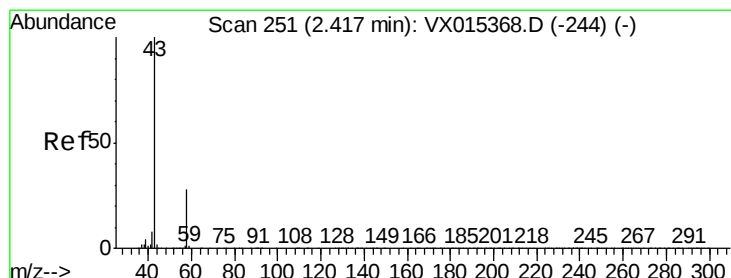
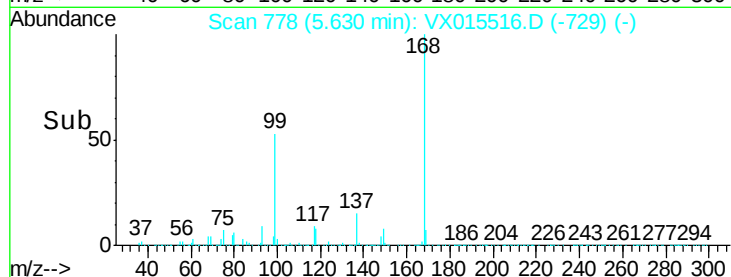
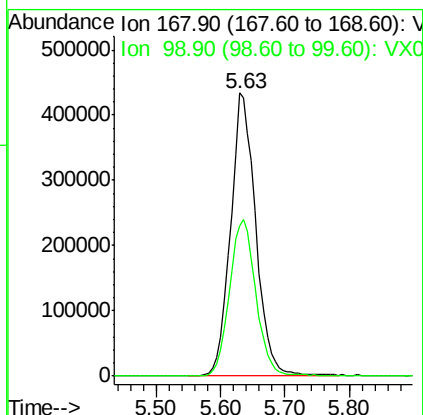
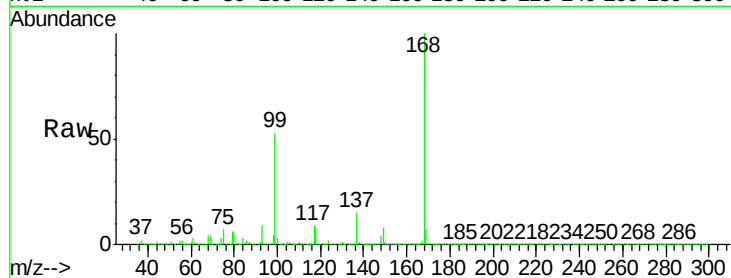


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: VX015516.D
 Acq: 06 Apr 2020 16:34

Instrument :
 MSVOA_X
 ClientSampleId :
 PB128019TB

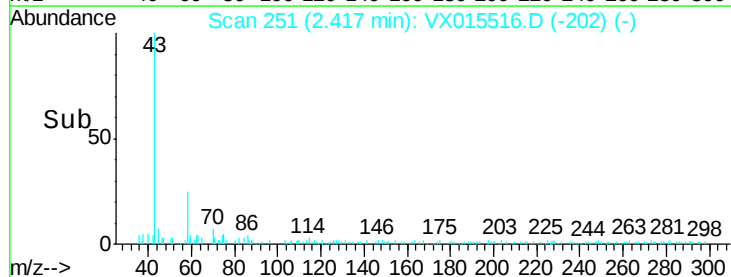
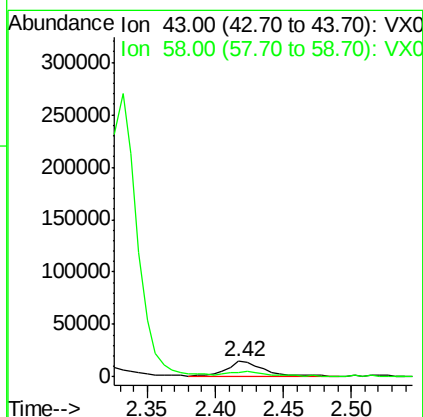
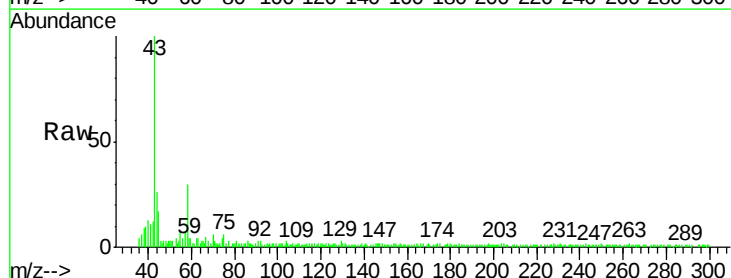
Tot Ion:168 Resp: 1192210
 Ion Ratio Lower Upper
 168 100
 99 53.1 46.4 69.6

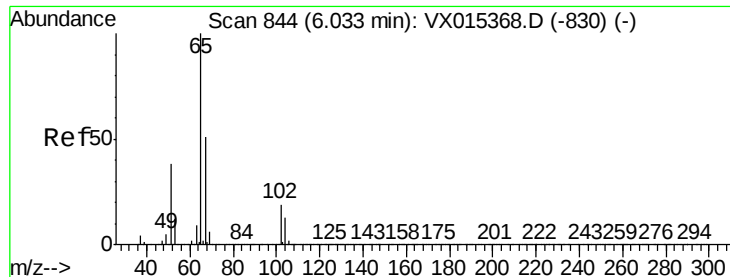


#16

Acetone
 Concen: 3.424 ug/l
 RT: 2.42 min Scan# 251
 Delta R.T. -0.00 min
 Lab File: VX015516.D
 Acq: 06 Apr 2020 16:34

Tgt Ion: 43 Resp: 24738
 Ion Ratio Lower Upper
 43 100
 58 25.0 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 47.264 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015516.D

Acq: 06 Apr 2020 16:34

Instrument :

MSVOA_X

ClientSampleId :

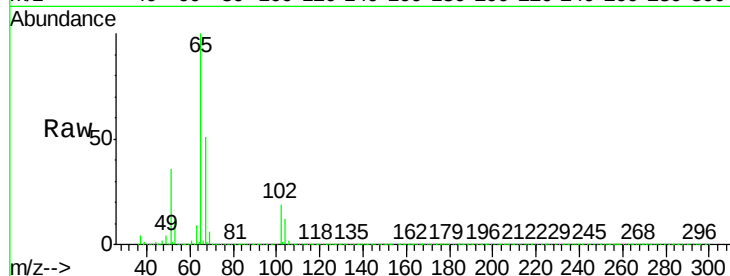
PB128019TB

Tot Ion: 65 Resp: 794727

Ion Ratio Lower Upper

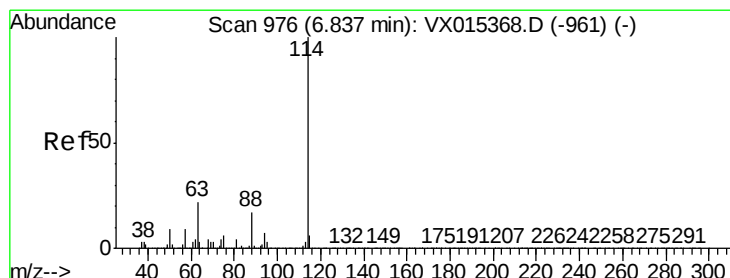
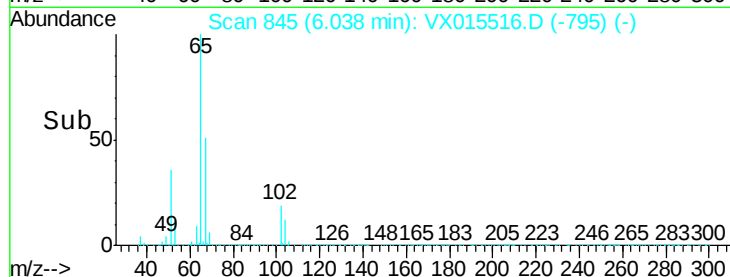
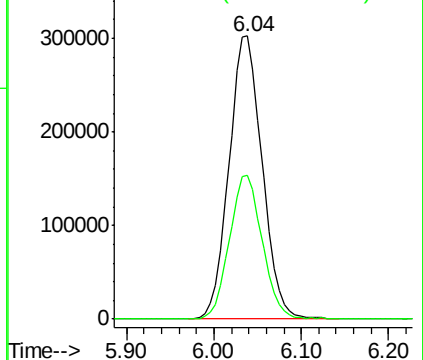
65 100

67 50.2 0.0 102.6



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: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015516.D

Acq: 06 Apr 2020 16:34

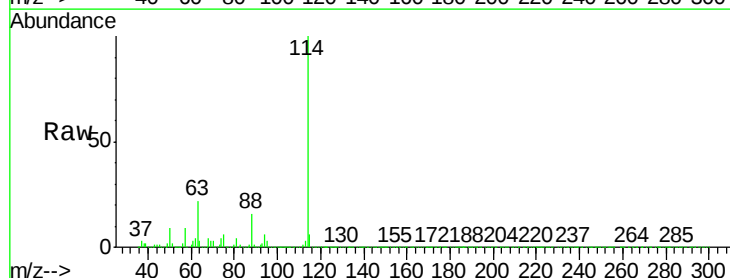
Tgt Ion: 114 Resp: 1940803

Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.2

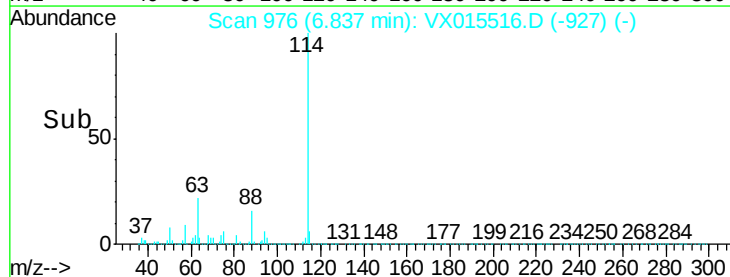
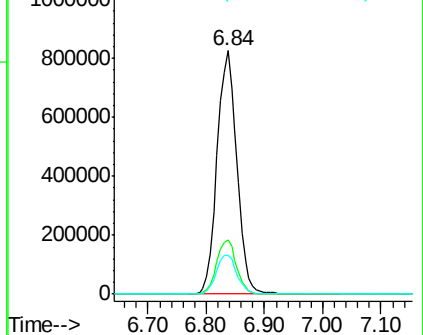
88 15.9 0.0 33.8

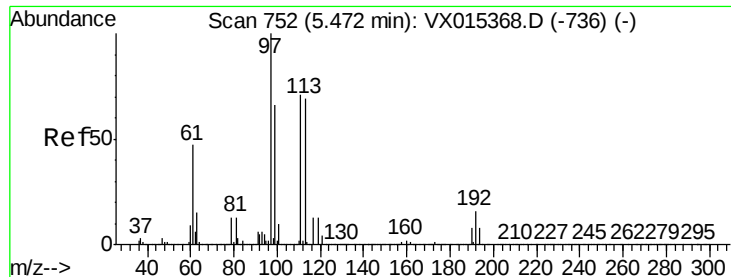


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.927 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015516.D

Acq: 06 Apr 2020 16:34

Instrument :

MSVOA_X

ClientSampled :

PB128019TB

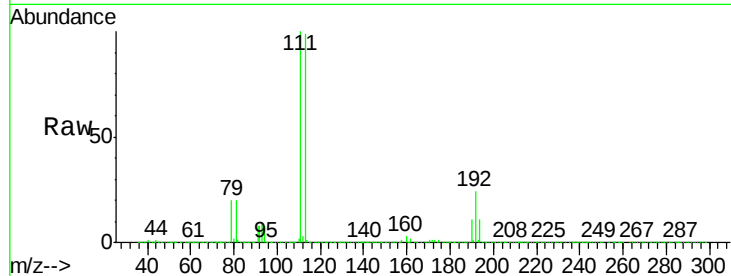
Tot Ion:113 Resp: 606993

Ion Ratio Lower Upper

113 100

111 103.2 81.5 122.3

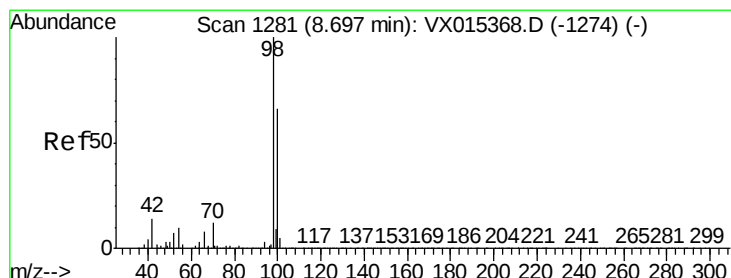
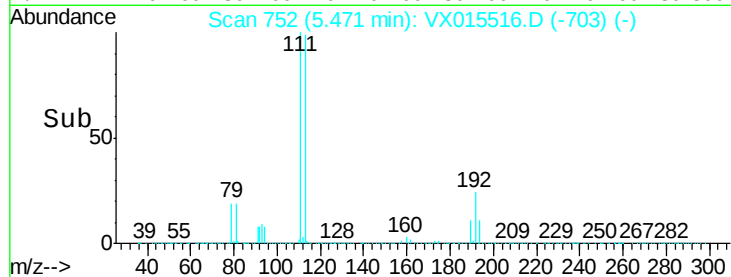
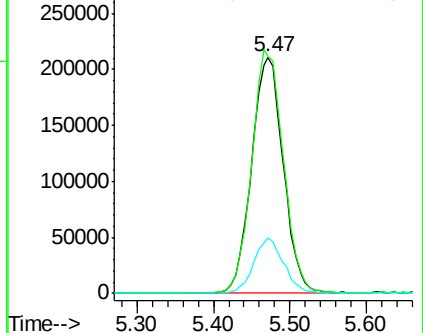
192 22.4 17.8 26.6



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: 51.171 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015516.D

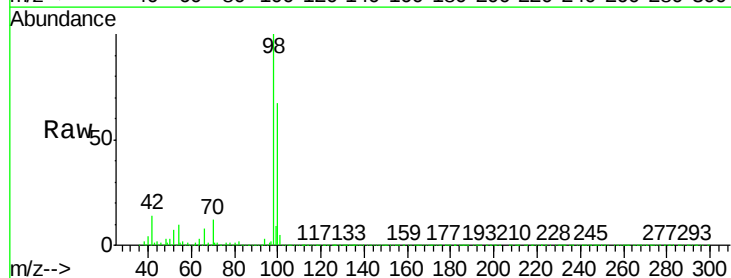
Acq: 06 Apr 2020 16:34

Tgt Ion: 98 Resp: 2337308

Ion Ratio Lower Upper

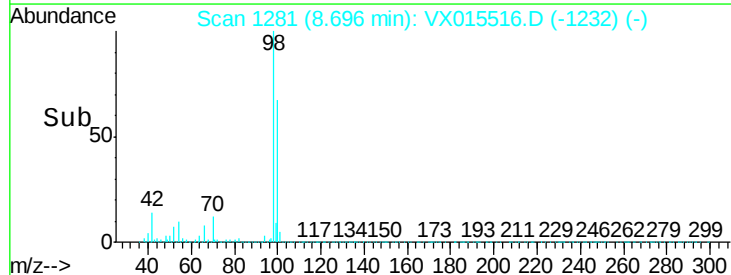
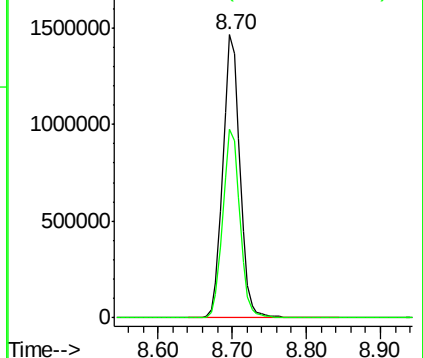
98 100

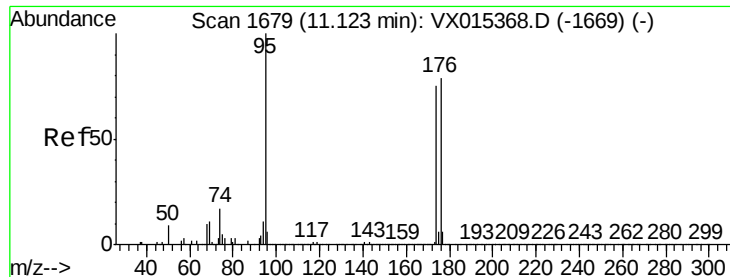
100 66.8 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 55.812 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015516.D

Acq: 06 Apr 2020 16:34

Instrument :

MSVOA_X

ClientSampled :

PB128019TB

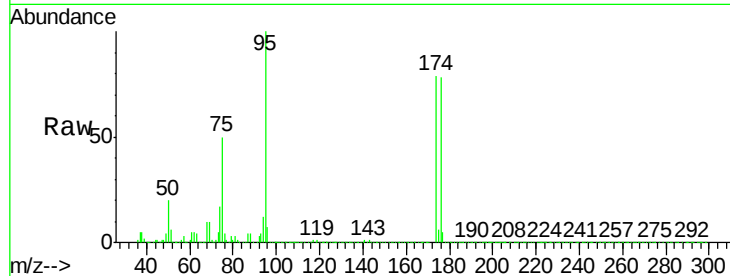
Tot Ion: 95 Resp: 1036037

Ion Ratio Lower Upper

95 100

174 77.2 0.0 158.6

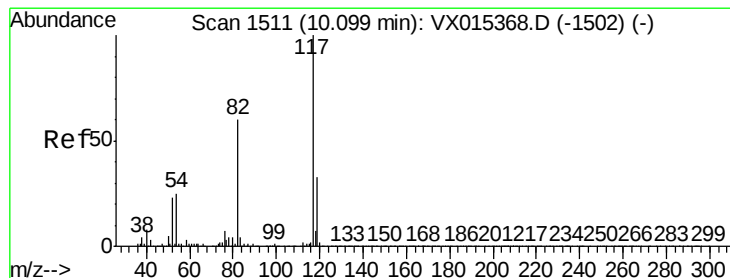
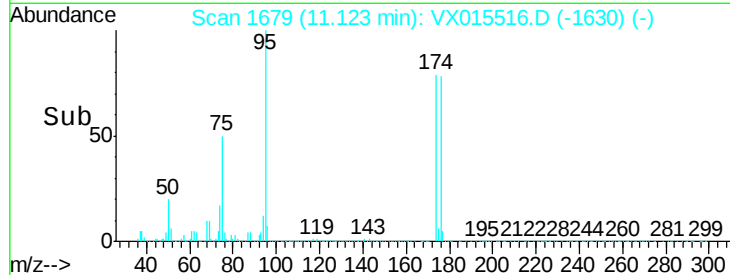
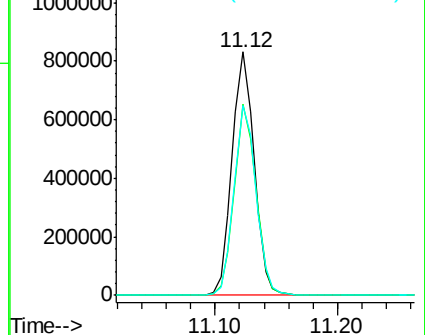
176 77.5 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VX015516.D

Acq: 06 Apr 2020 16:34

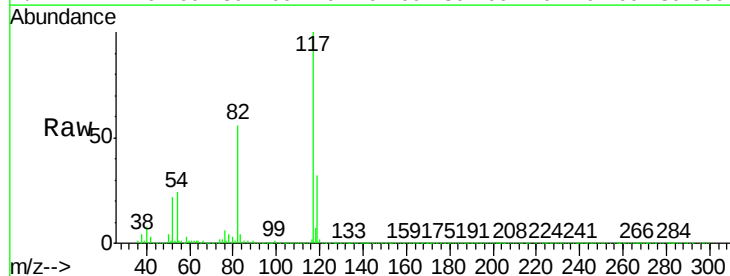
Tgt Ion: 117 Resp: 1875073

Ion Ratio Lower Upper

117 100

82 56.3 47.8 71.8

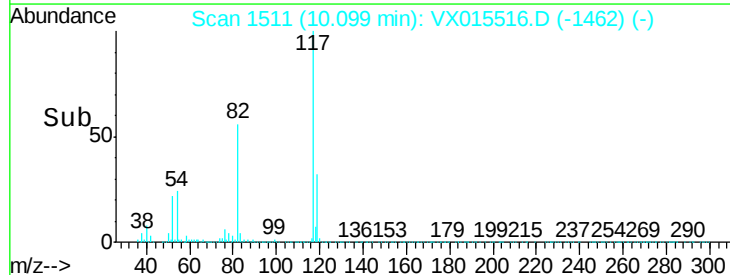
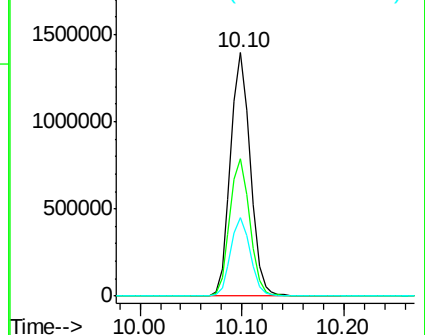
119 32.1 26.8 40.2

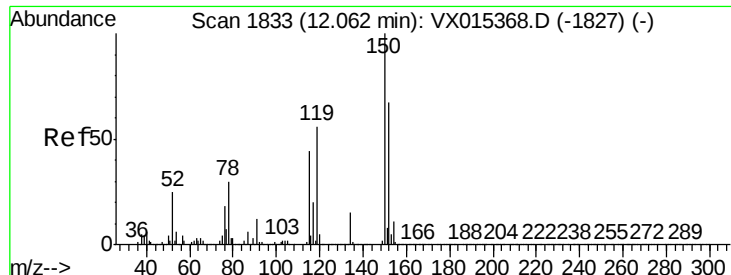


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015516.D

Acq: 06 Apr 2020 16:34

Instrument :

MSVOA_X

ClientSampleId :

PB128019TB

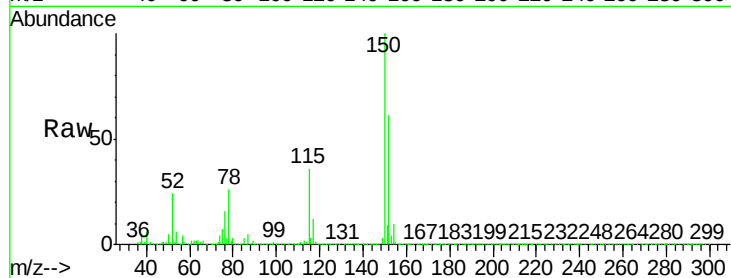
Tot Ion:152 Resp: 1064633

Ion Ratio Lower Upper

152 100

115 56.2 39.0 116.9

150 156.8 0.0 340.8



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

