

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040620\
 Data File : VX015525.D
 Acq On : 06 Apr 2020 19:57
 Operator : JC/SP
 Sample : L2097-15 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40788

Quant Time: Apr 07 07:40:04 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

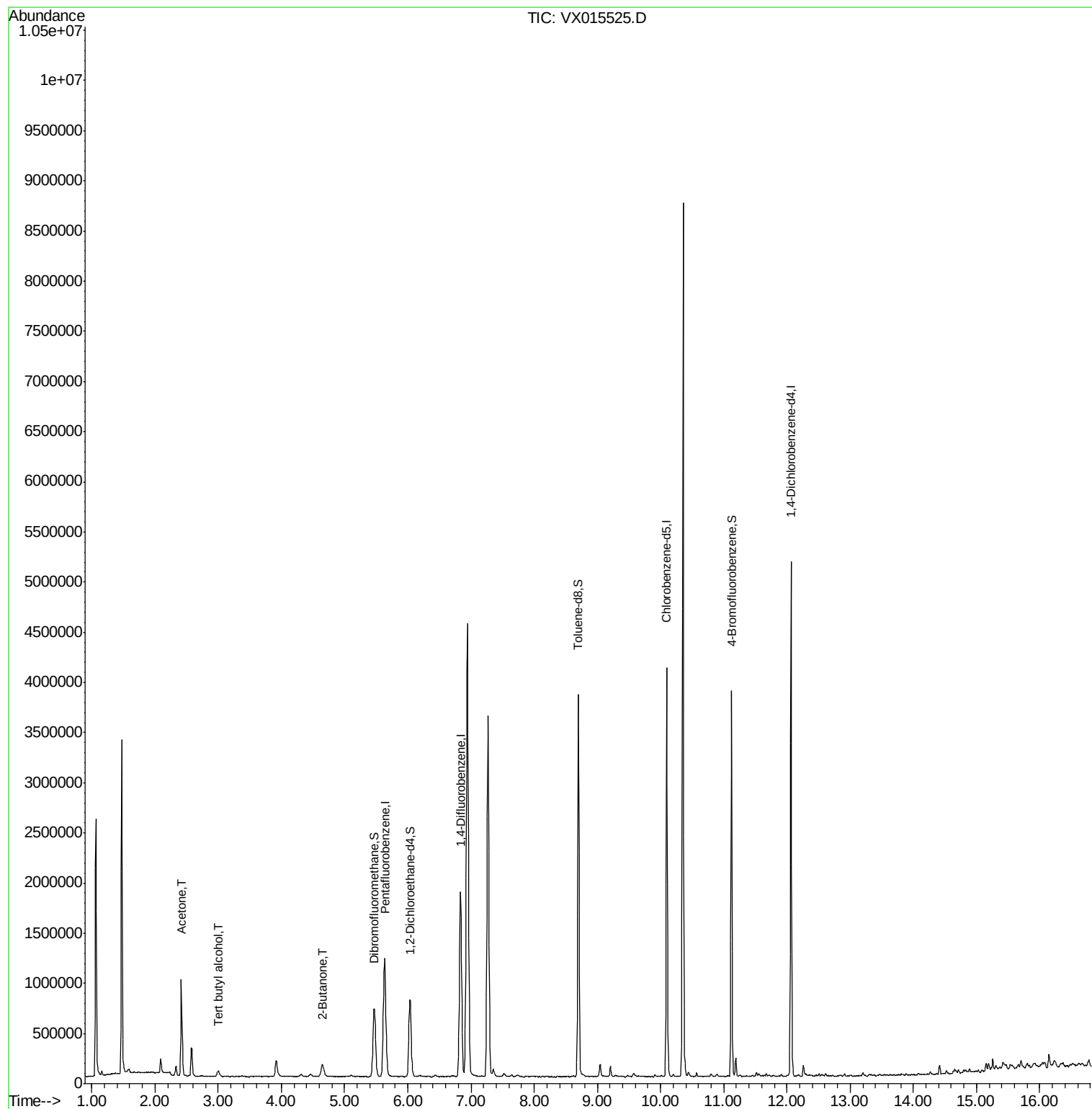
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1152589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1849726	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1786450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	1031072	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	758762	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.36%	
35) Dibromofluoromethane	5.47	113	581580	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
50) Toluene-d8	8.70	98	2235448	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	11.12	95	999294	56.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.96%	
Target Compounds						
11) Tert butyl alcohol	3.00	59	58028	14.914	ug/l	97
16) Acetone	2.42	43	1007560	144.268	ug/l	99
25) 2-Butanone	4.64	43	101492	9.036	ug/l	96

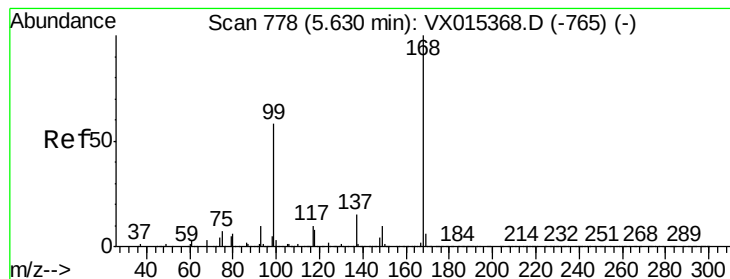
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015525.D

Acq: 06 Apr 2020 19:57

Instrument :

MSVOA_X

ClientSampleId :

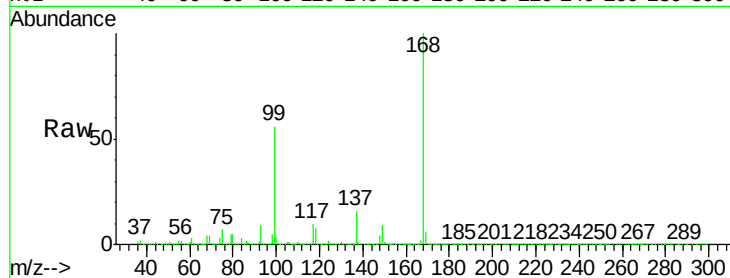
40788

Tot Ion:168 Resp: 1152589

Ion Ratio Lower Upper

168 100

99 56.3 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

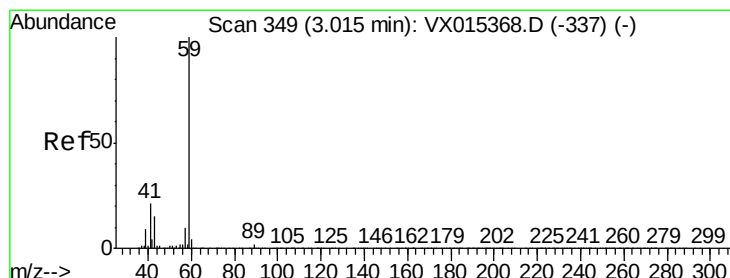
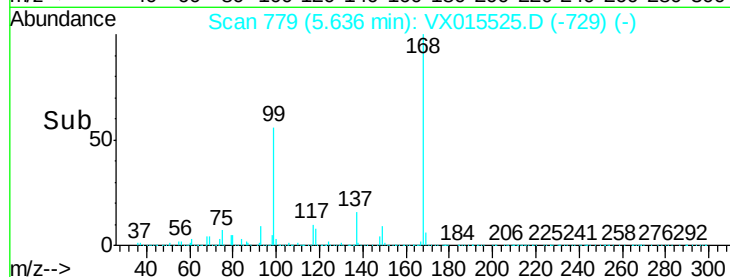
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 14.914 ug/l

RT: 3.00 min Scan# 347

Delta R.T. -0.01 min

Lab File: VX015525.D

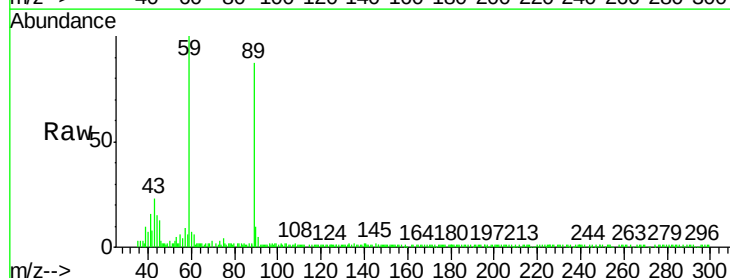
Acq: 06 Apr 2020 19:57

Tgt Ion: 59 Resp: 58028

Ion Ratio Lower Upper

59 100

57 8.8 8.1 12.1



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.00

20000

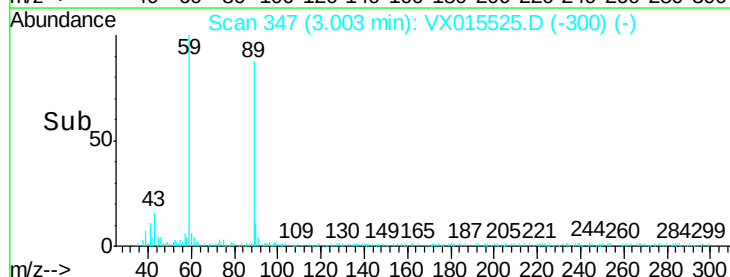
15000

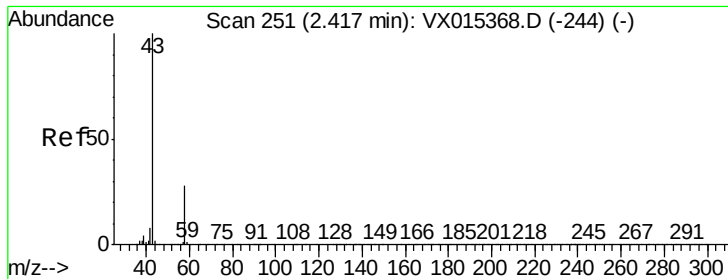
10000

5000

0

Time-->

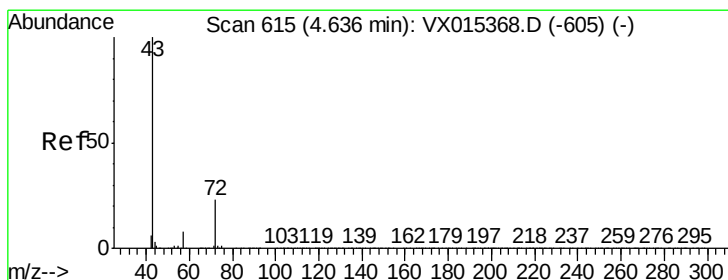
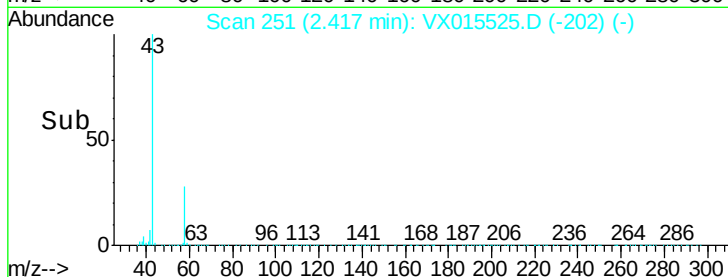
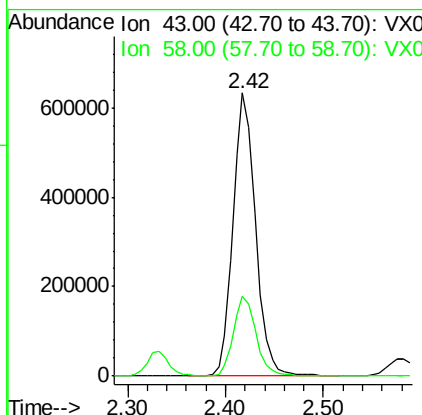
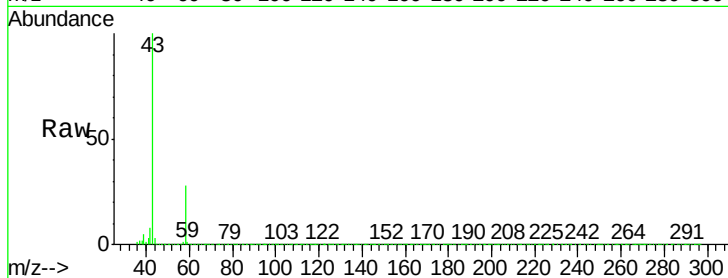




#16
Acetone
Concen: 144.268 ug/l
RT: 2.42 min Scan# 251
Delta R.T. -0.00 min
Lab File: VX015525.D
Acq: 06 Apr 2020 19:57

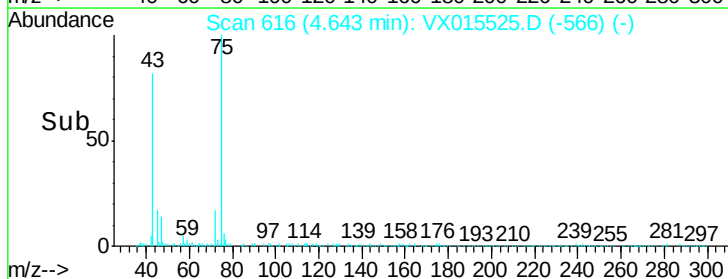
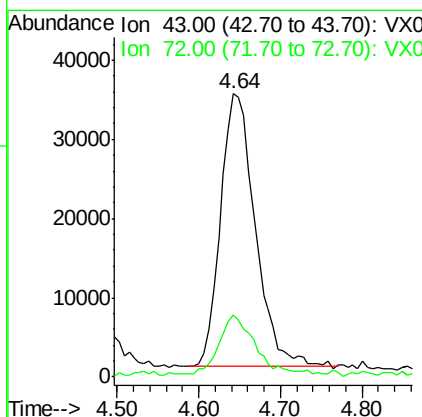
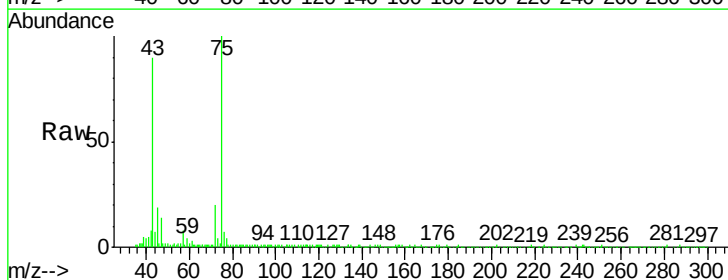
Instrument :
MSVOA_X
ClientSampled :
40788

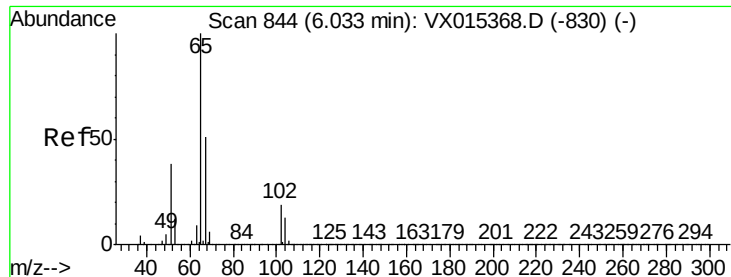
Tot Ion: 43 Resp: 1007560
Ion Ratio Lower Upper
43 100
58 28.2 22.1 33.1



#25
2-Butanone
Concen: 9.036 ug/l
RT: 4.64 min Scan# 616
Delta R.T. 0.01 min
Lab File: VX015525.D
Acq: 06 Apr 2020 19:57

Tgt Ion: 43 Resp: 101492
Ion Ratio Lower Upper
43 100
72 21.6 19.0 28.4

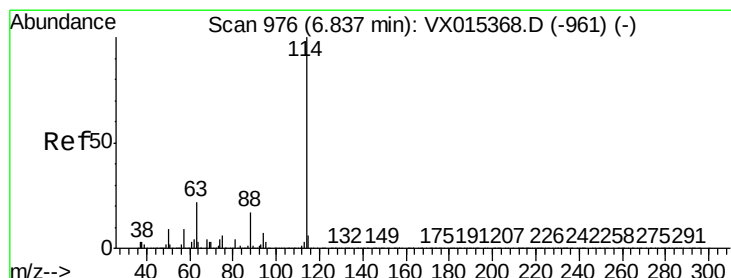
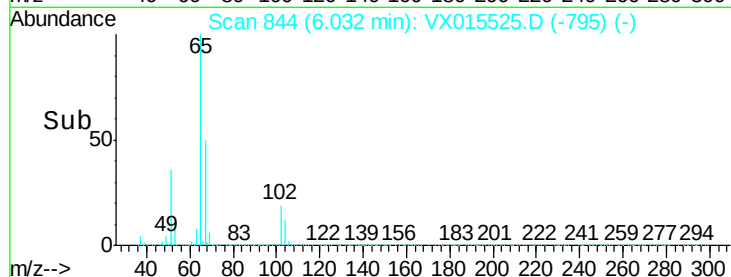
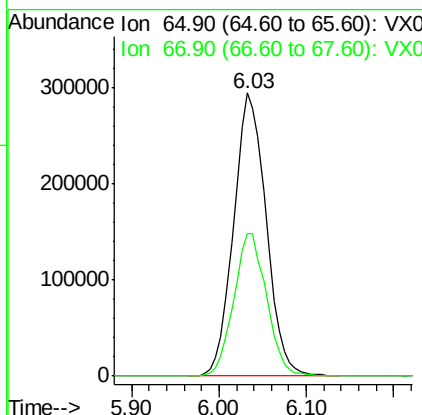
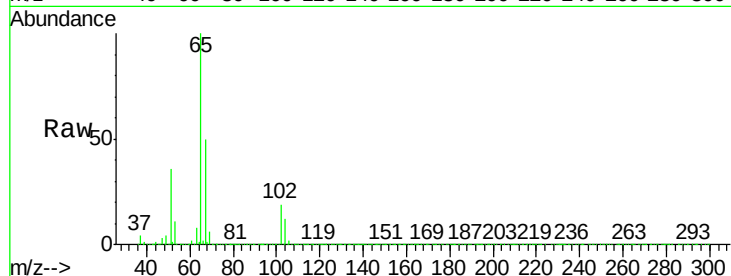




#33
 1,2-Dichloroethane-d4
 Concen: 46.676 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: VX015525.D
 Acq: 06 Apr 2020 19:57

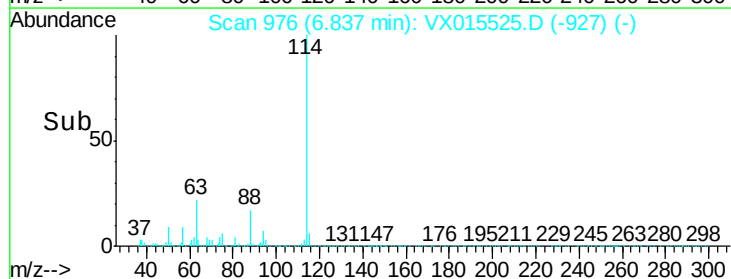
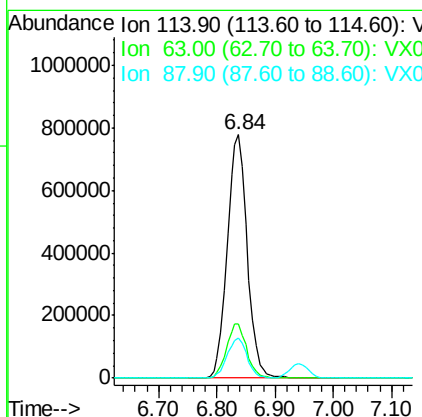
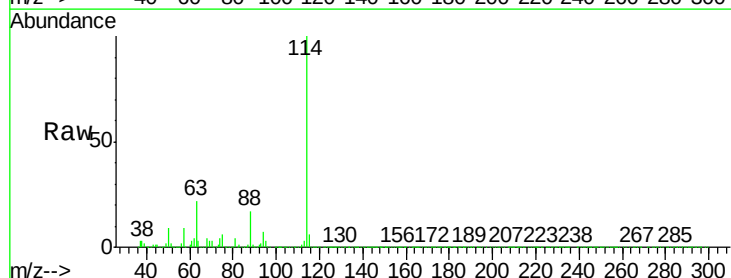
Instrument :
 MSVOA_X
 ClientSampleId :
 40788

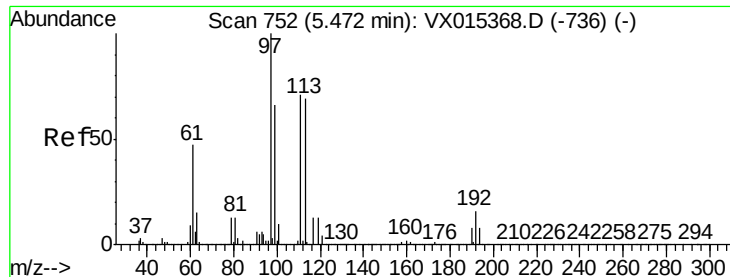
Tot Ion: 65 Resp: 758762
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: VX015525.D
 Acq: 06 Apr 2020 19:57

Tgt Ion: 114 Resp: 1849726
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.2
 88 16.6 0.0 33.8

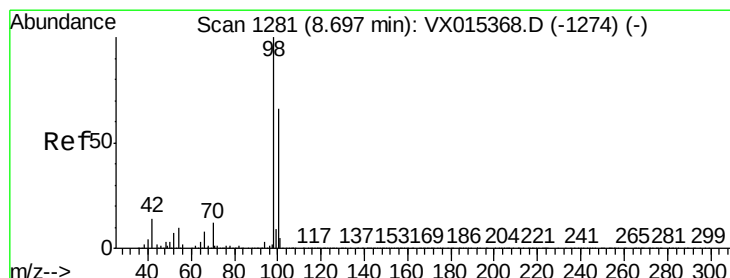
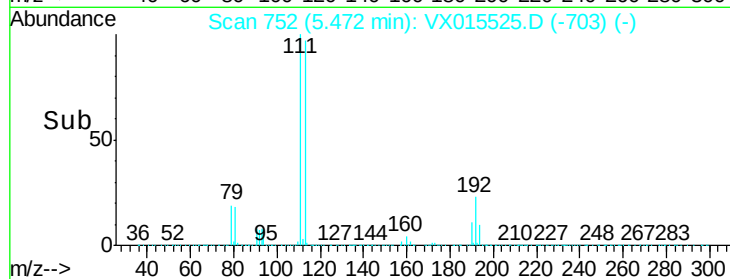
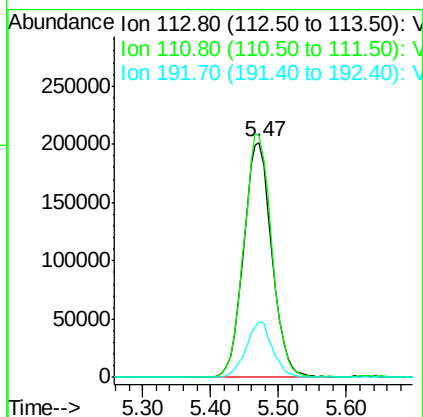
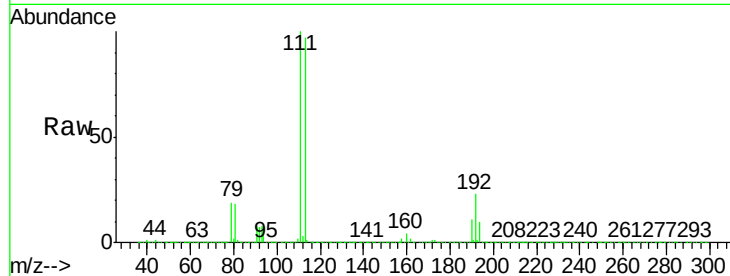




#35
Dibromofluoromethane
Concen: 49.187 ug/l
RT: 5.47 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX015525.D
Acq: 06 Apr 2020 19:57

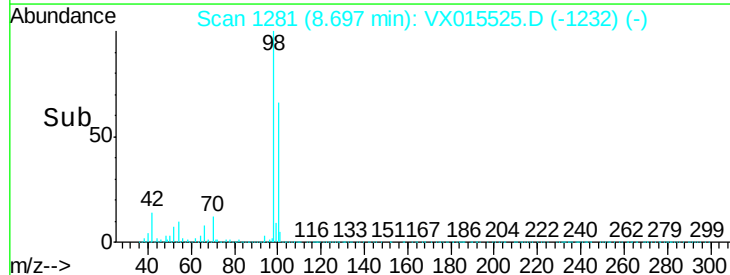
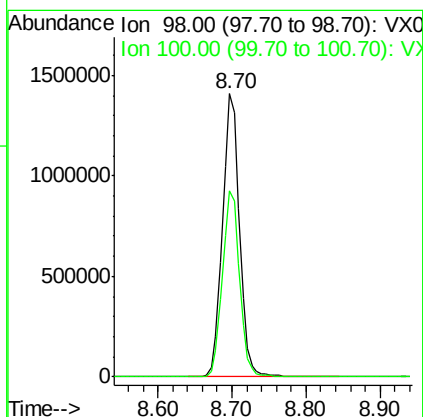
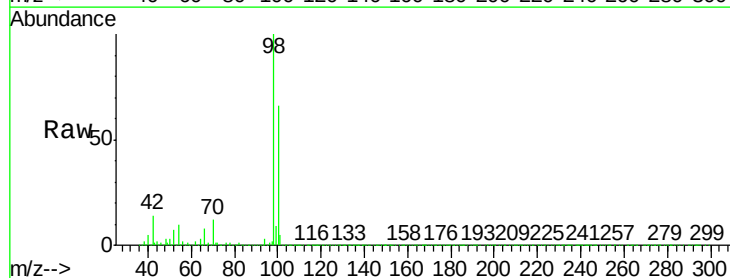
Instrument :
MSVOA_X
ClientSampled :
40788

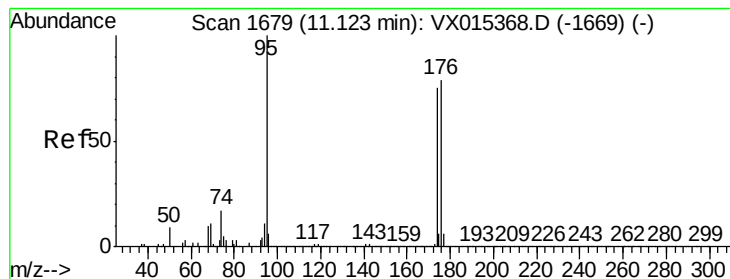
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.5	122.3
192	22.1	17.8	26.6



#50
Toluene-d8
Concen: 51.351 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015525.D
Acq: 06 Apr 2020 19:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.5	80.3





#62

4-Bromofluorobenzene

Concen: 56.484 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015525.D

Acq: 06 Apr 2020 19:57

Instrument :

MSVOA_X

ClientSampled :

40788

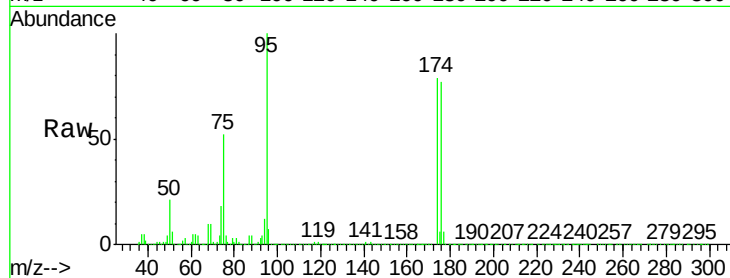
Tot Ion: 95 Resp: 999294

Ion Ratio Lower Upper

95 100

174 80.3 0.0 158.6

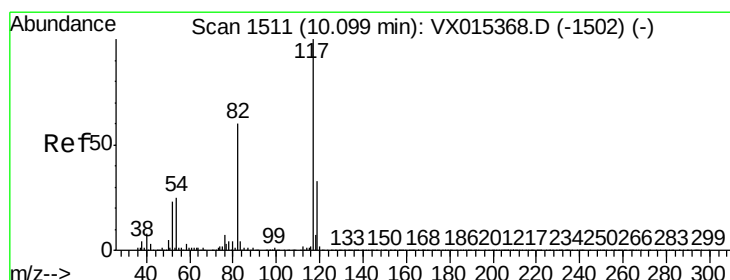
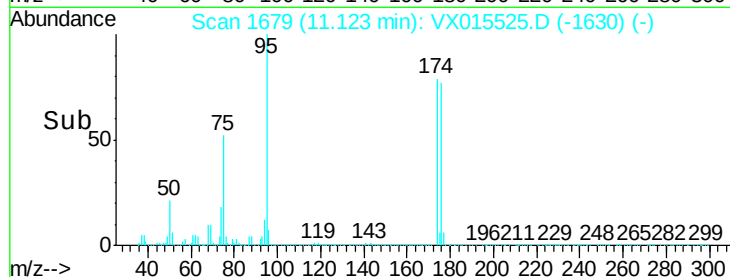
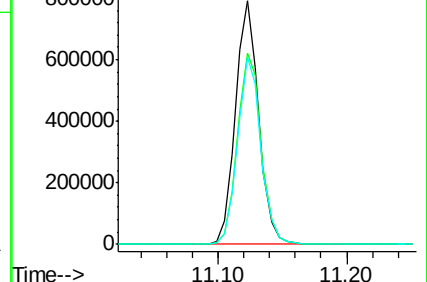
176 77.0 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX015525.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX015525.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX015525.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VX015525.D

Acq: 06 Apr 2020 19:57

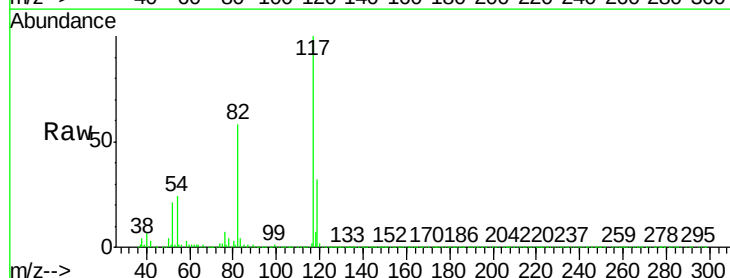
Tgt Ion: 117 Resp: 1786450

Ion Ratio Lower Upper

117 100

82 57.8 47.8 71.8

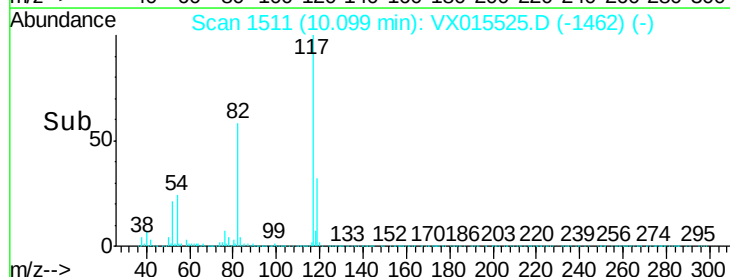
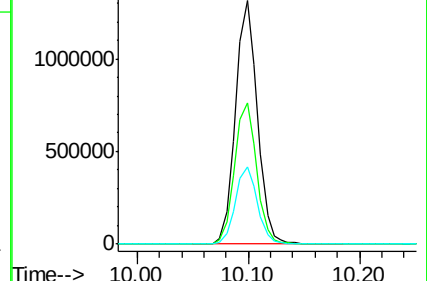
119 31.8 26.8 40.2

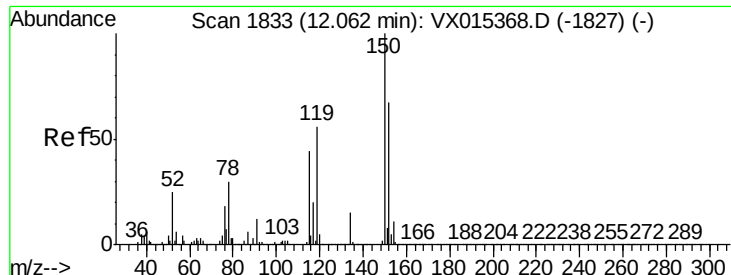


Abundance Ion 116.90 (116.60 to 117.60): VX015525.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX015525.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX015525.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015525.D

Acq: 06 Apr 2020 19:57

Instrument :

MSVOA_X

ClientSampleId :

40788

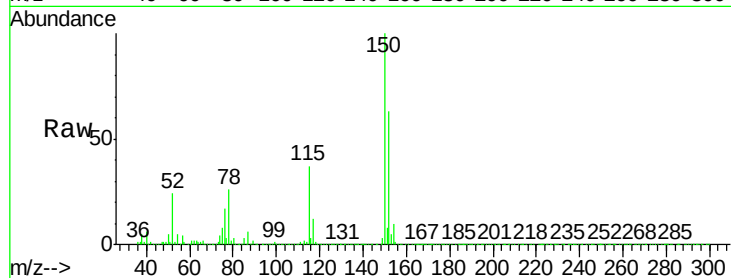
Tot Ion:152 Resp: 1031072

Ion Ratio Lower Upper

152 100

115 56.9 39.0 116.9

150 153.9 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

