

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010920\
 Data File : VX014506.D
 Acq On : 09 Jan 2020 18:56
 Operator : JC/SP
 Sample : L1047-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FMI109

Quant Time: Jan 10 07:30:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

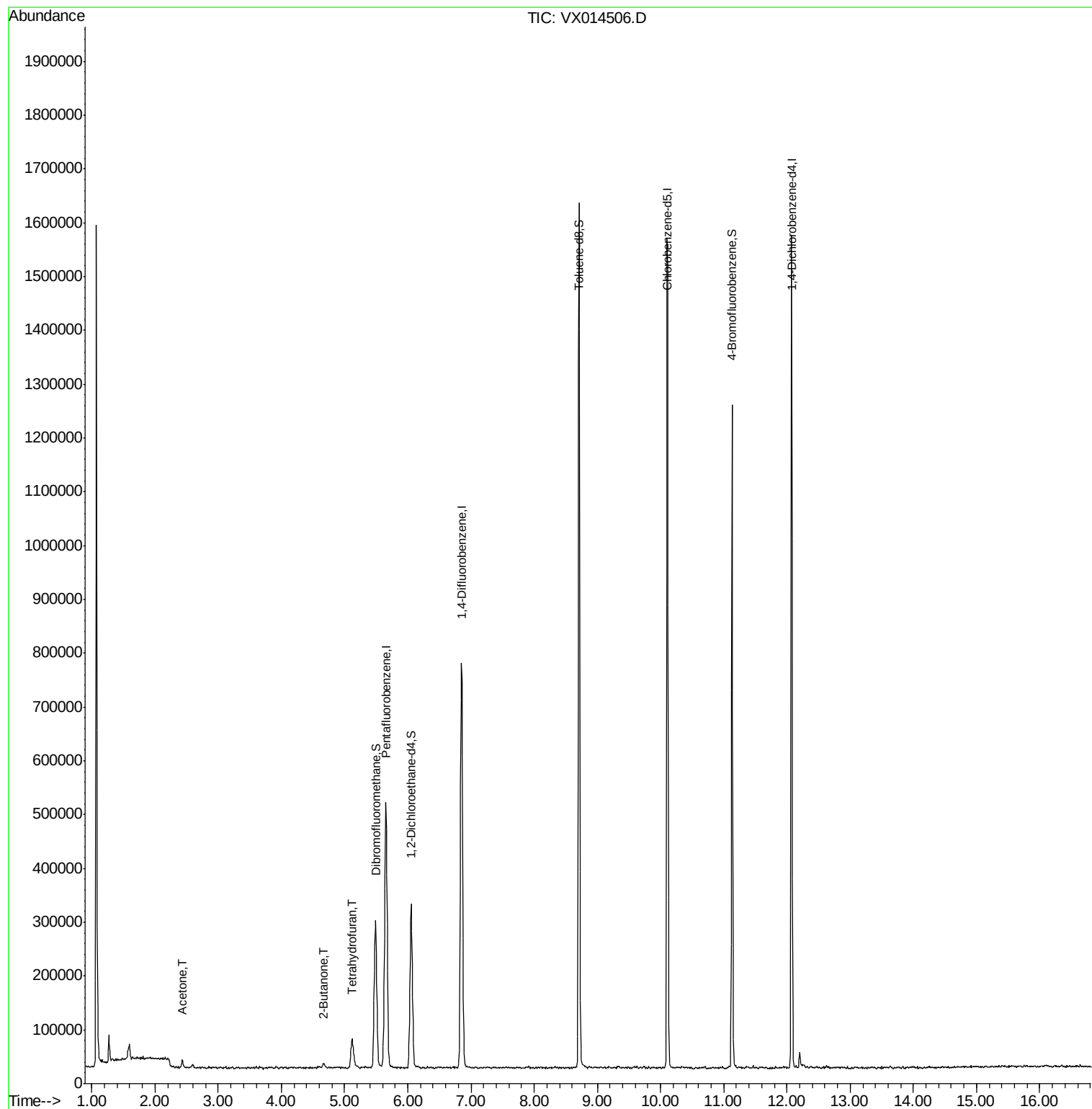
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	514352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	791658	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	717120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	329116	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	280697	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
35) Dibromofluoromethane	5.49	113	234974	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
50) Toluene-d8	8.71	98	938892	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
62) 4-Bromofluorobenzene	11.13	95	323297	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
Target Compounds						
16) Acetone	2.43	43	16294	1.506	ug/l #	88
25) 2-Butanone	4.66	43	13599	3.171	ug/l #	86
29) Tetrahydrofuran	5.12	42	55254	21.789	ug/l	96

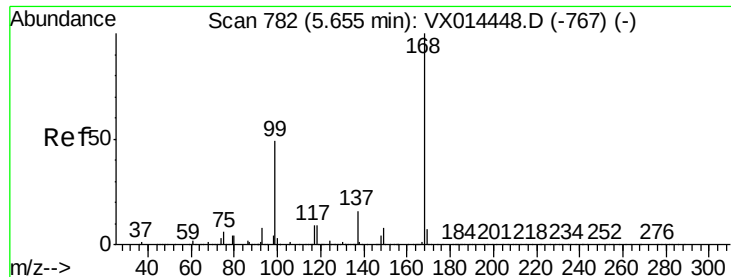
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014506.D

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Instrument :

MSVOA_X

ClientSampleId :

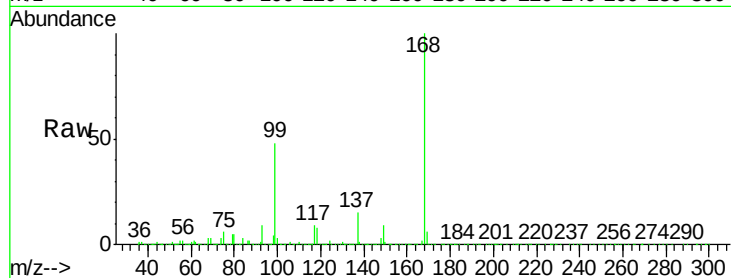
FMI109

Tot Ion:168 Resp: 514352

Ion Ratio Lower Upper

168 100

99 48.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

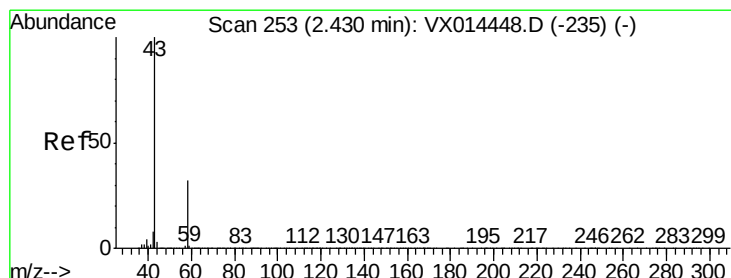
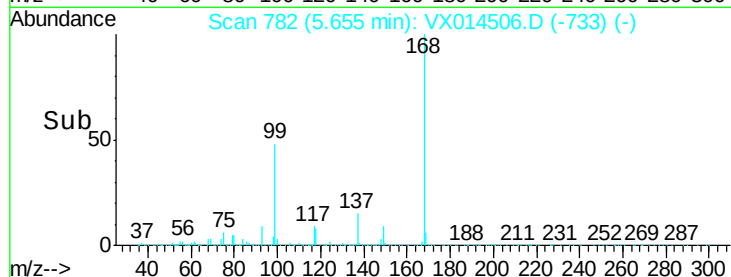
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.506 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014506.D

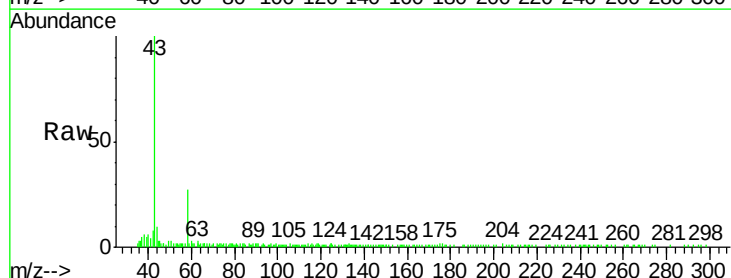
Acq: 09 Jan 2020 18:56

Tgt Ion: 43 Resp: 16294

Ion Ratio Lower Upper

43 100

58 25.0 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

10000

8000

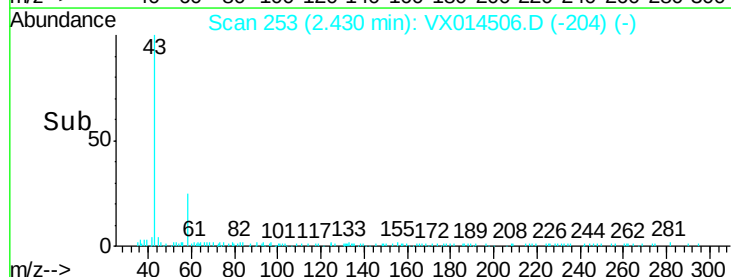
6000

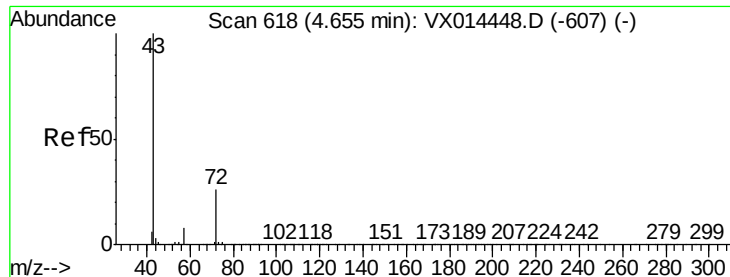
4000

2000

0

Time-->





#25

2-Butanone

Concen: 3.171 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX014506.D

Acq: 09 Jan 2020 18:56

Instrument :

MSVOA_X

ClientSampleId :

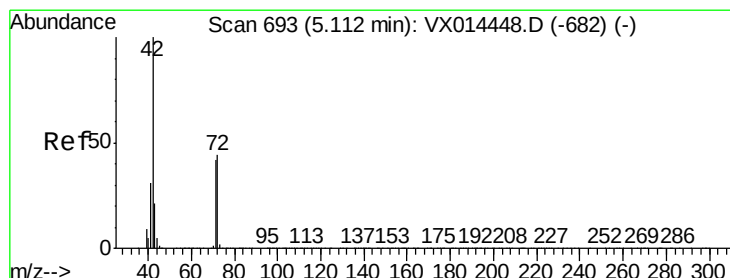
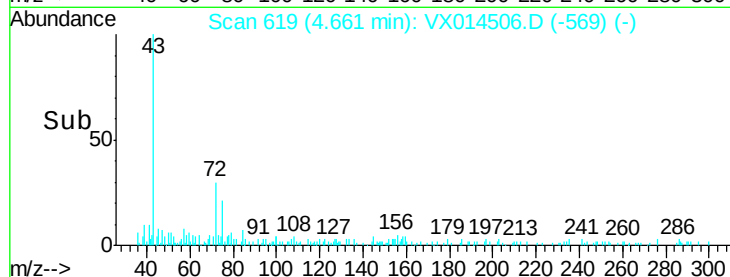
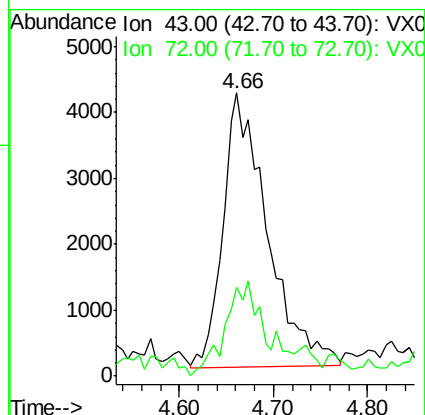
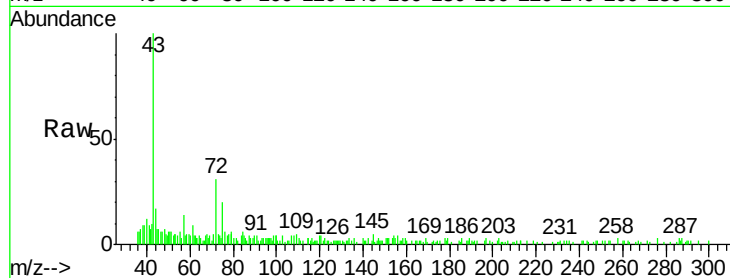
FMI109

Tot Ion: 43 Resp: 13599

Ion Ratio Lower Upper

43 100

72 32.8 20.6 31.0#



#29

Tetrahydrofuran

Concen: 21.789 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX014506.D

Acq: 09 Jan 2020 18:56

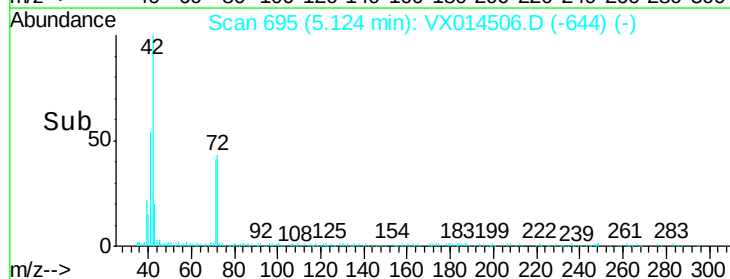
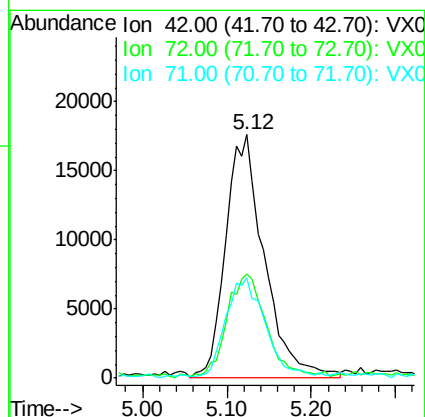
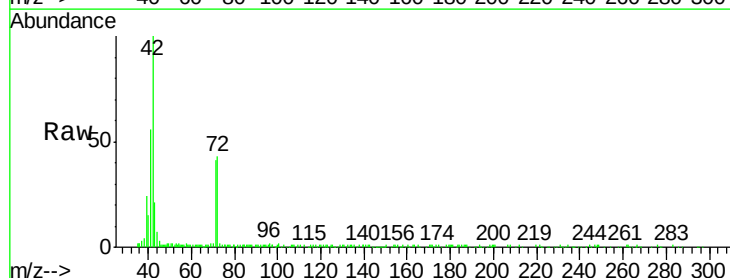
Tgt Ion: 42 Resp: 55254

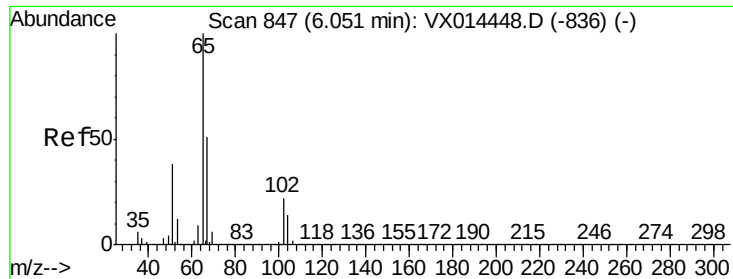
Ion Ratio Lower Upper

42 100

72 42.9 36.2 54.4

71 40.1 34.1 51.1

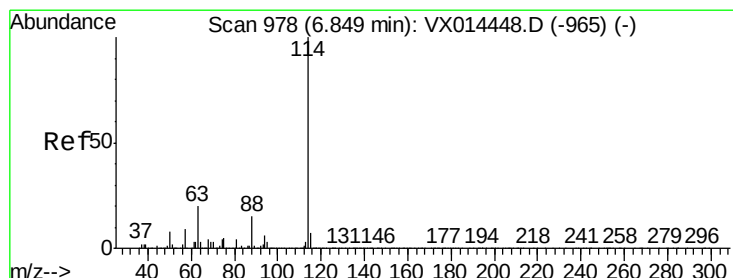
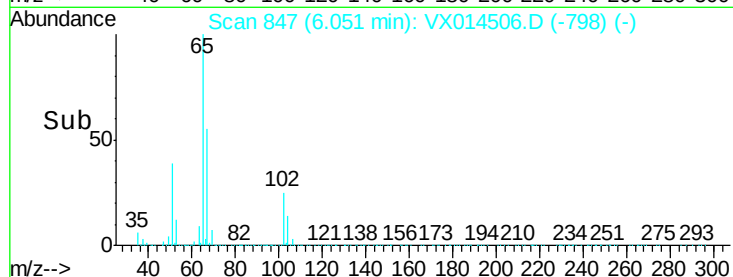
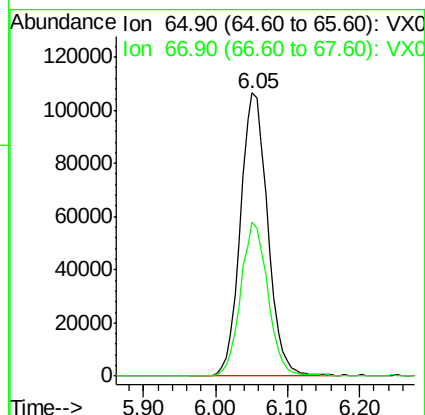
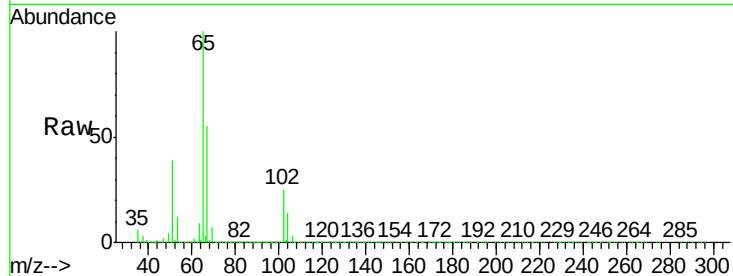




#33
 1,2-Dichloroethane-d4
 Concen: 48.886 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014506.D
 Acq: 09 Jan 2020 18:56

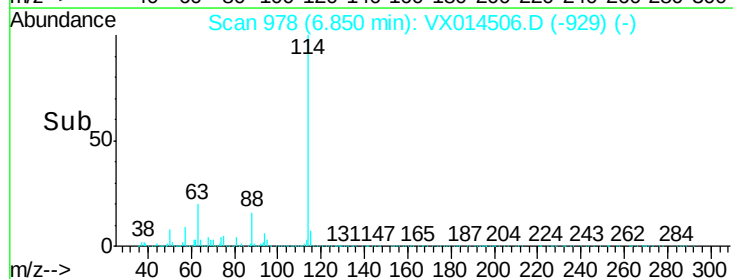
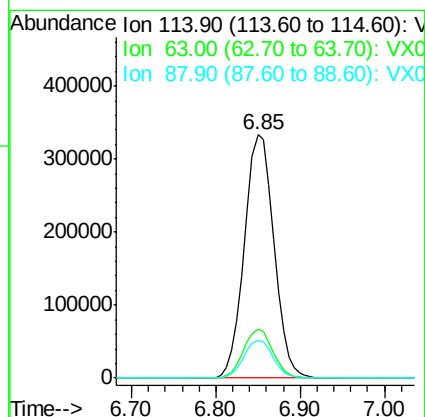
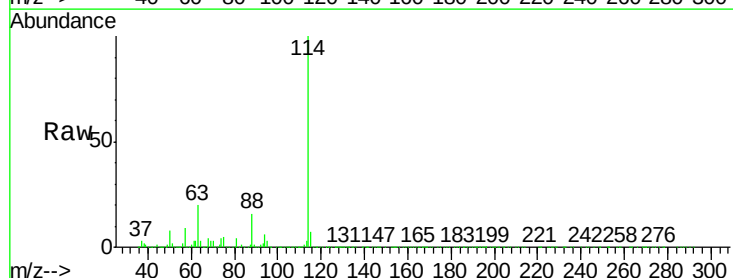
Instrument :
 MSVOA_X
 ClientSampleId :
 FMI109

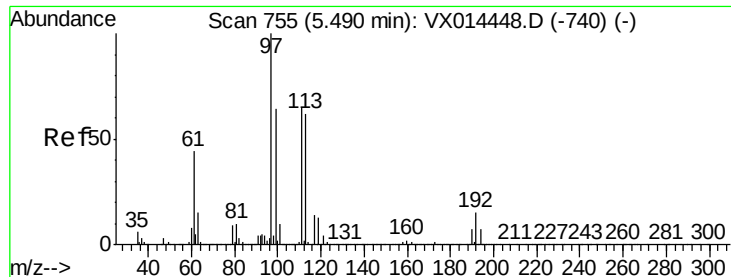
Tot Ion: 65 Resp: 280697
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014506.D
 Acq: 09 Jan 2020 18:56

Tgt Ion: 114 Resp: 791658
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.6
 88 15.5 0.0 30.8

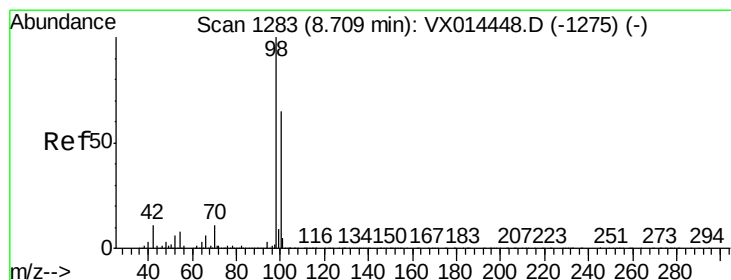
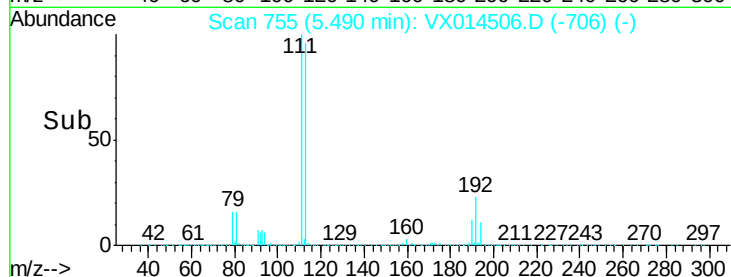
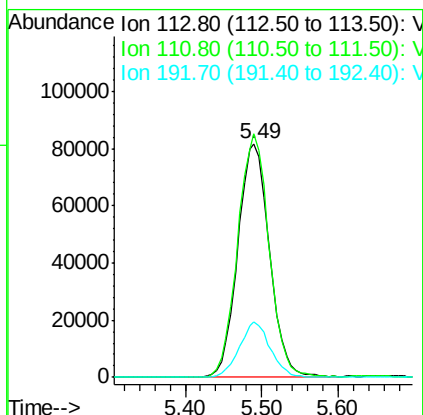
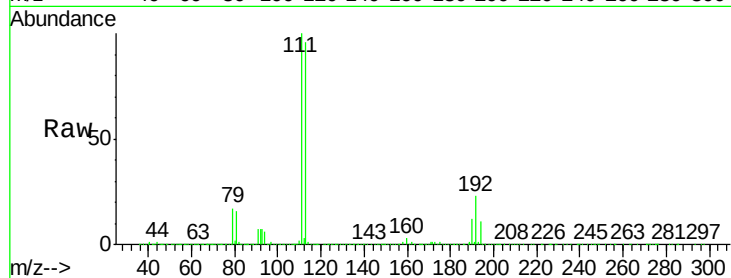




#35
Dibromofluoromethane
Concen: 49.032 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014506.D
Acq: 09 Jan 2020 18:56

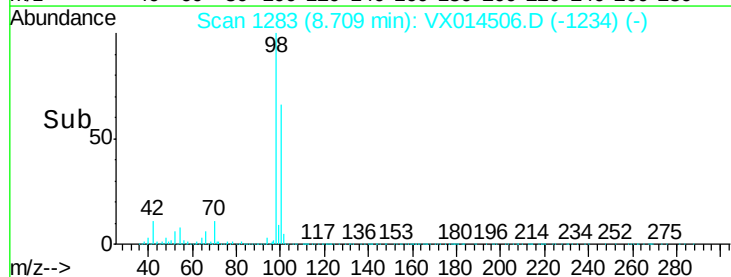
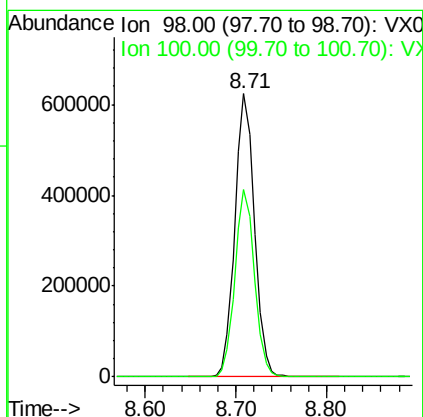
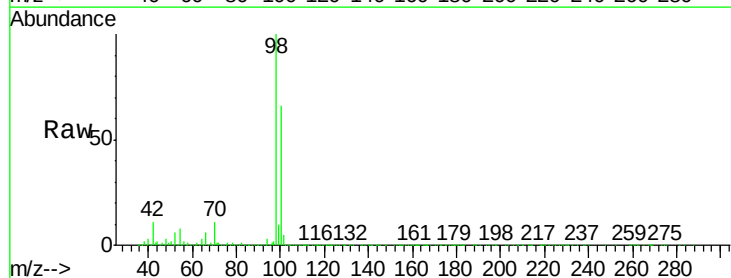
Instrument :
MSVOA_X
ClientSampleId :
FMI109

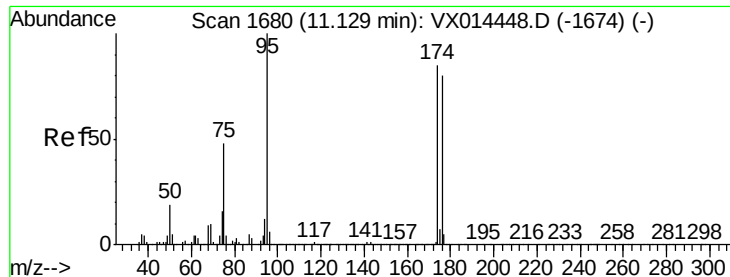
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.5	122.3
192	23.1	19.2	28.8



#50
Toluene-d8
Concen: 50.486 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014506.D
Acq: 09 Jan 2020 18:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.2	79.8





#62

4-Bromofluorobenzene

Concen: 47.354 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014506.D

Acq: 09 Jan 2020 18:56

Instrument :

MSVOA_X

ClientSampleId :

FMI109

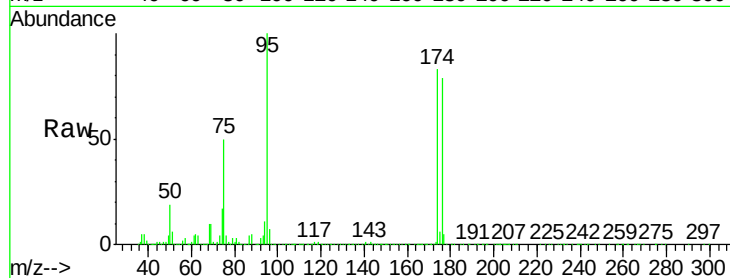
Tot Ion: 95 Resp: 323297

Ion Ratio Lower Upper

95 100

174 89.4 0.0 180.8

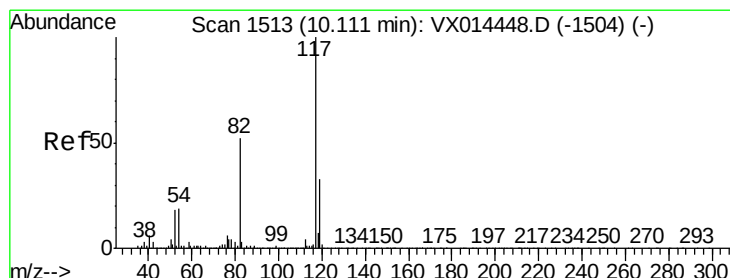
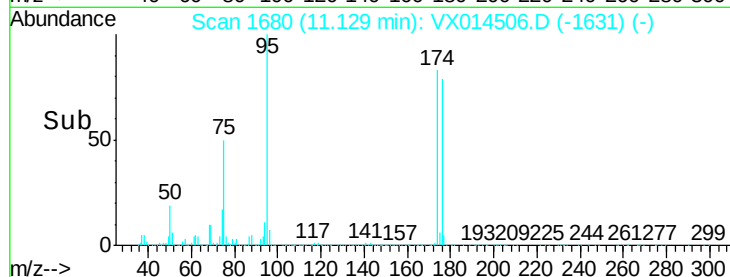
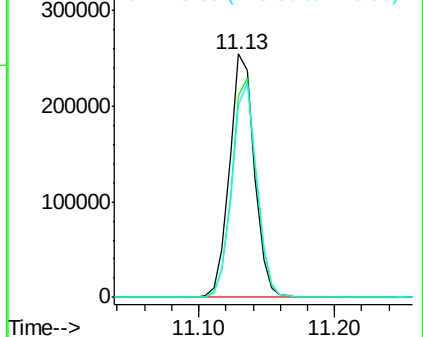
176 87.7 0.0 172.8



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: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014506.D

Acq: 09 Jan 2020 18:56

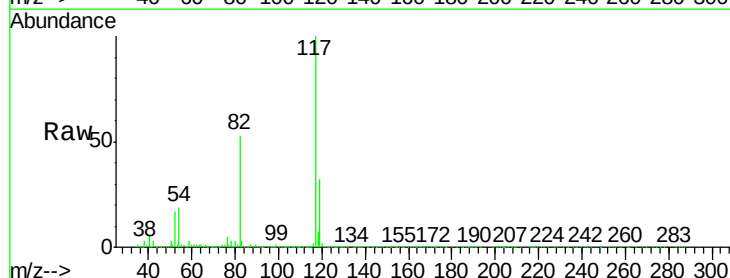
Tgt Ion: 117 Resp: 717120

Ion Ratio Lower Upper

117 100

82 52.8 41.8 62.6

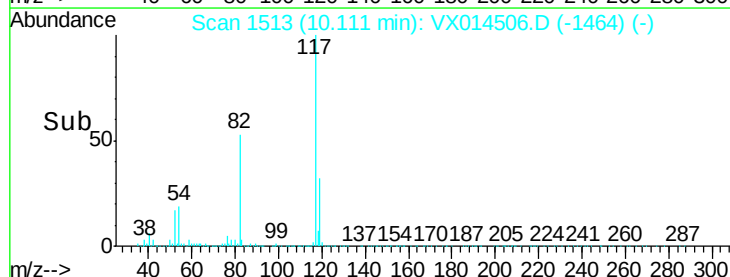
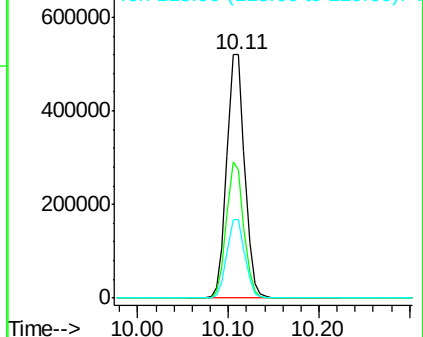
119 32.3 26.2 39.4

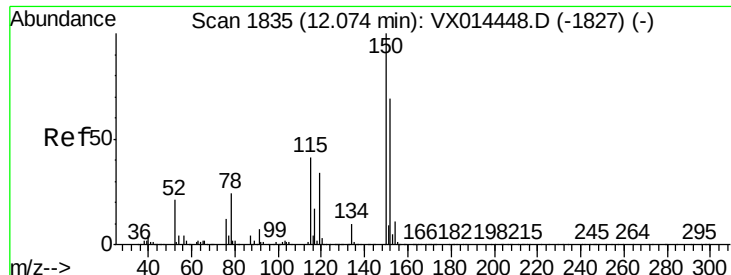


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014506.D

Acq: 09 Jan 2020 18:56

Instrument :

MSVOA_X

ClientSampleId :

FMI109

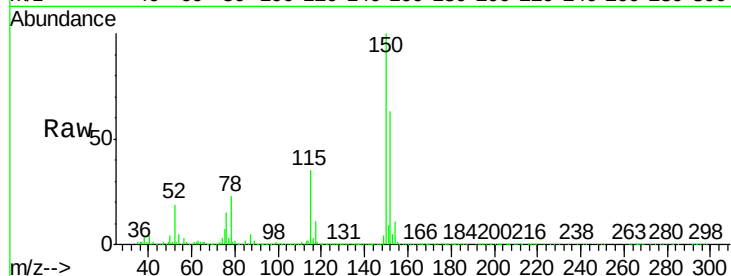
Tot Ion:152 Resp: 329116

Ion Ratio Lower Upper

152 100

115 56.0 39.5 118.3

150 158.2 0.0 350.2



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

