

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111919\
 Data File : VX013463.D
 Acq On : 19 Nov 2019 14:25
 Operator : JC/SP
 Sample : K5929-22
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-GMZ6-ER1

Quant Time: Nov 19 16:34:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

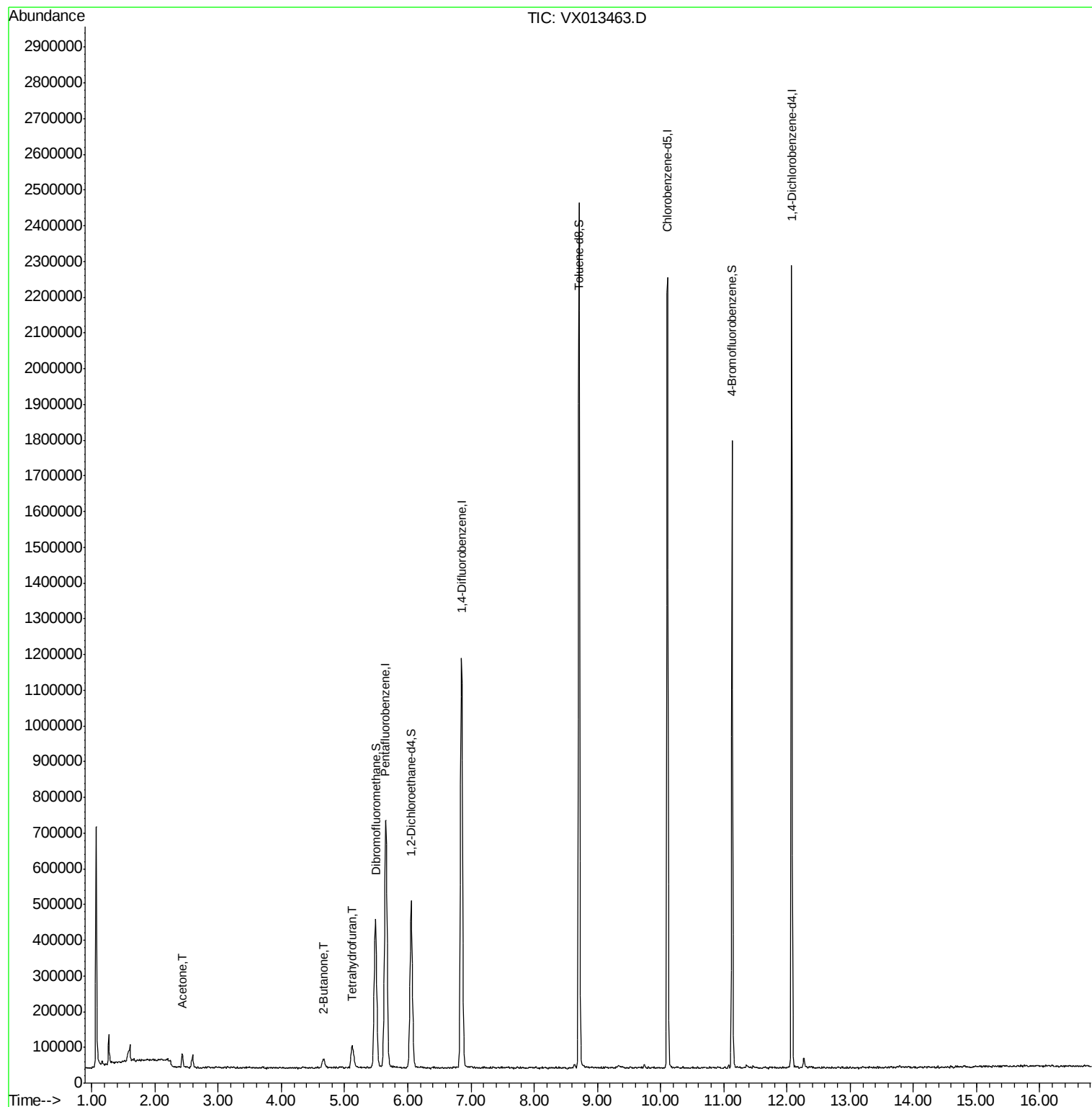
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	732779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1184392	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1054759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	460472	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	429957	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
35) Dibromofluoromethane	5.49	113	359684	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
50) Toluene-d8	8.71	98	1406574	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.13	95	463613	45.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.74%	
Target Compounds						
16) Acetone	2.43	43	45844	10.587	ug/l	96
25) 2-Butanone	4.67	43	53006	8.344	ug/l	97
29) Tetrahydrofuran	5.12	42	63346	16.182	ug/l	99

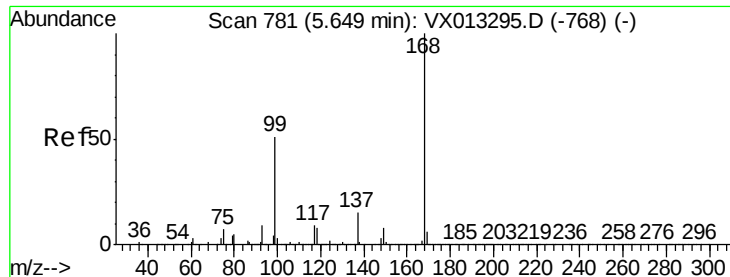
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013463.D

Acq: 19 Nov 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

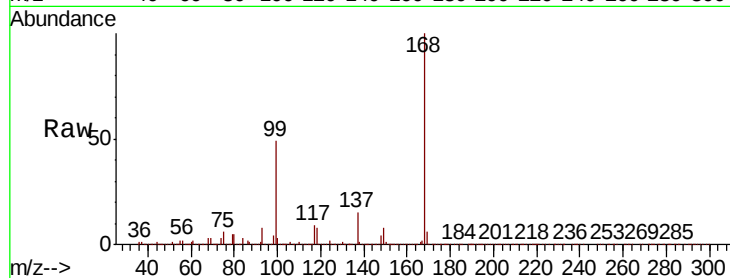
FA19-GMZ6-ER1

Tot Ion:168 Resp: 732779

Ion Ratio Lower Upper

168 100

99 49.2 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

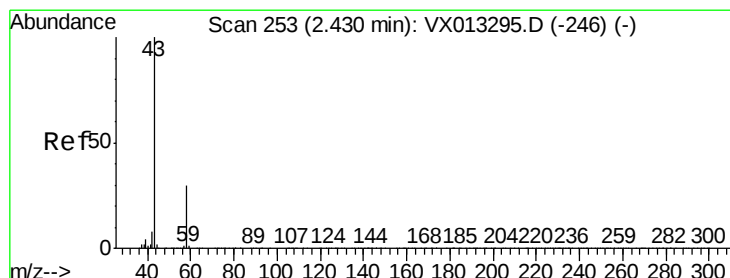
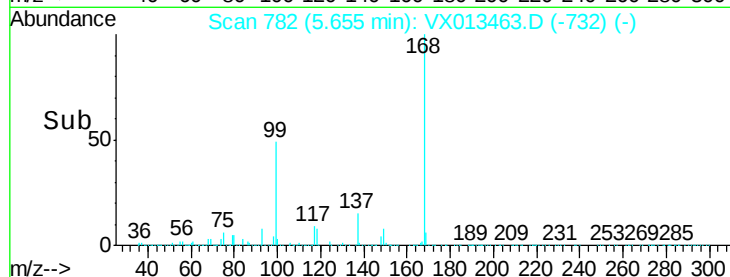
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 10.587 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013463.D

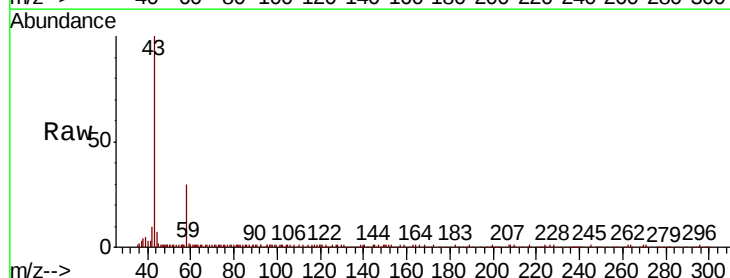
Acq: 19 Nov 2019 14:25

Tgt Ion: 43 Resp: 45844

Ion Ratio Lower Upper

43 100

58 28.4 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

30000

25000

20000

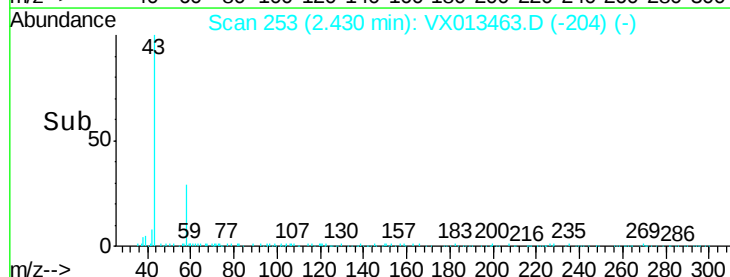
15000

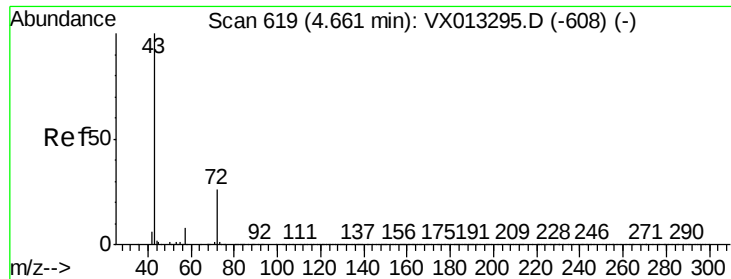
10000

5000

0

Time-->





#25

2-Butanone

Concen: 8.344 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX013463.D

Acq: 19 Nov 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

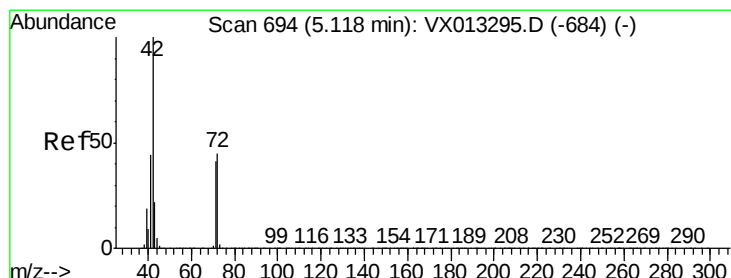
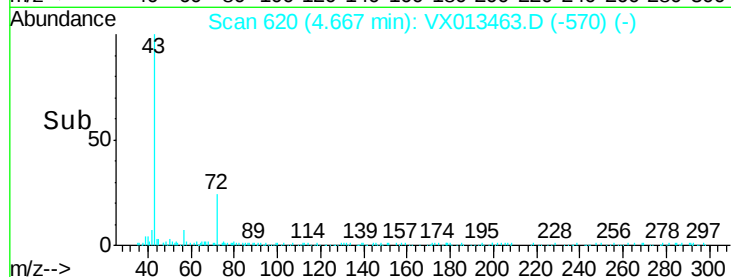
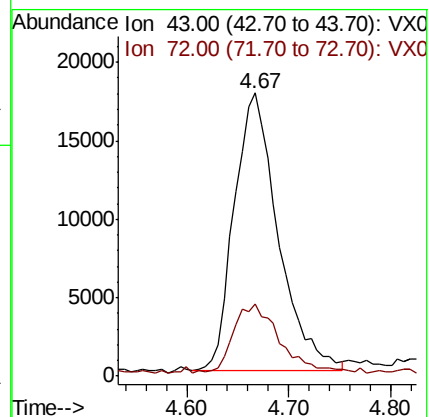
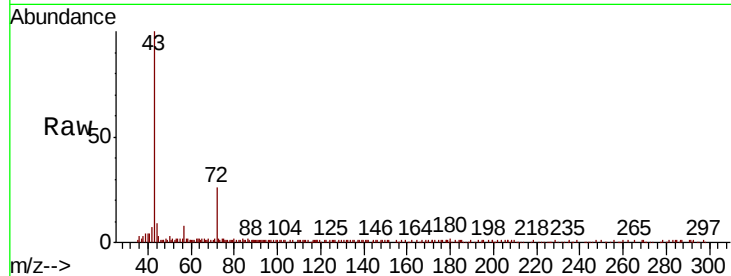
FA19-GMZ6-ER1

Tot Ion: 43 Resp: 53006

Ion Ratio Lower Upper

43 100

72 24.8 21.0 31.6



#29

Tetrahydrofuran

Concen: 16.182 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX013463.D

Acq: 19 Nov 2019 14:25

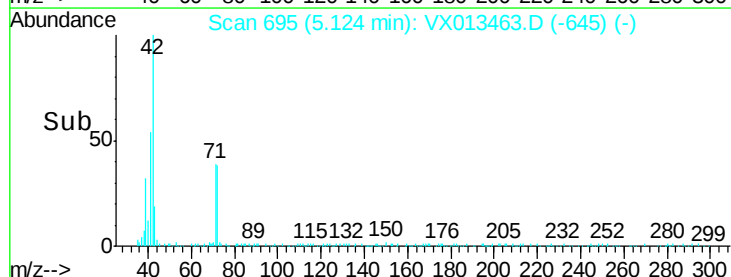
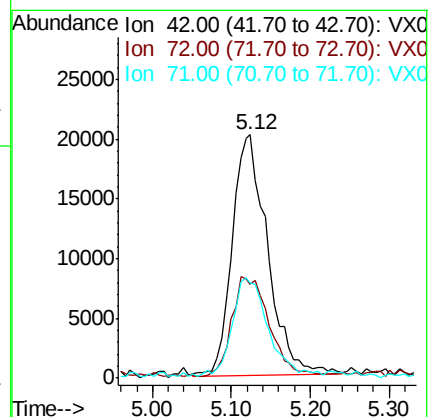
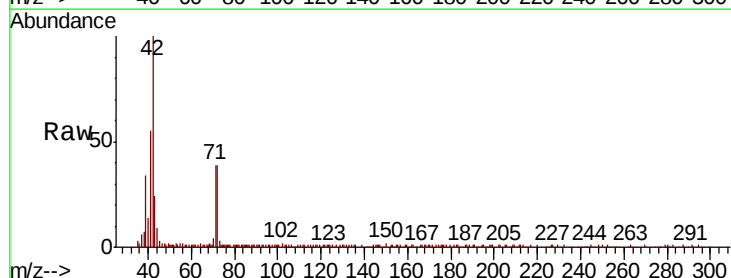
Tgt Ion: 42 Resp: 63346

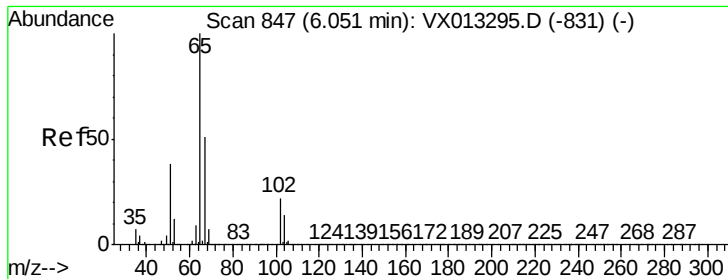
Ion Ratio Lower Upper

42 100

72 43.6 35.8 53.8

71 41.2 33.4 50.0





#33

1,2-Dichloroethane-d4

Concen: 49.527 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013463.D

Acq: 19 Nov 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

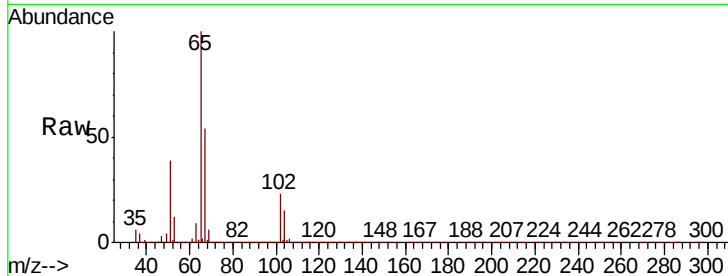
FA19-GMZ6-ER1

Tot Ion: 65 Resp: 429957

Ion Ratio Lower Upper

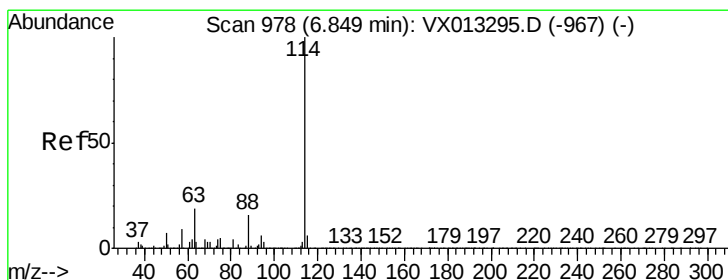
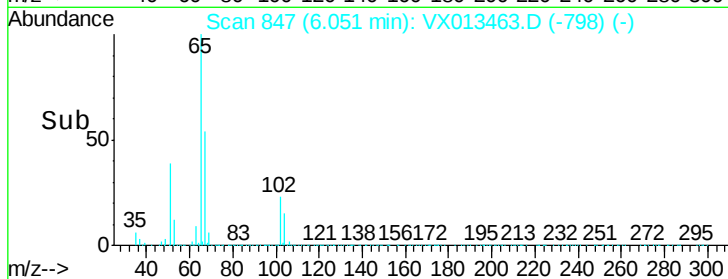
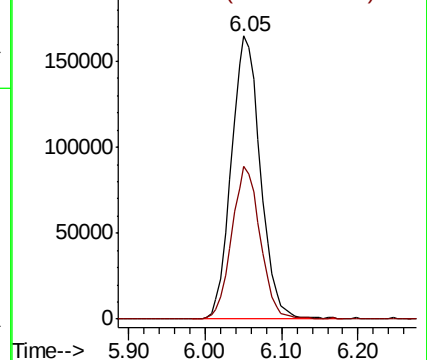
65 100

67 52.8 0.0 104.2



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: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013463.D

Acq: 19 Nov 2019 14:25

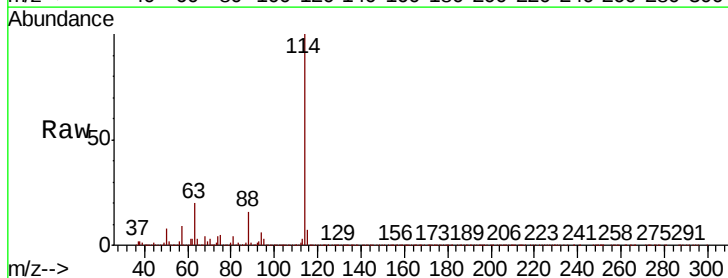
Tgt Ion: 114 Resp: 1184392

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.4

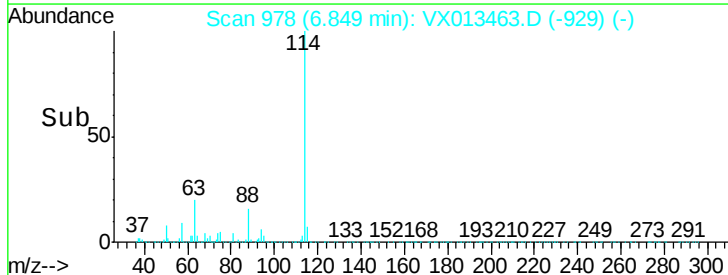
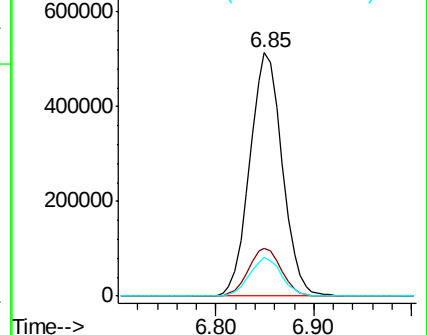
88 15.7 0.0 32.2

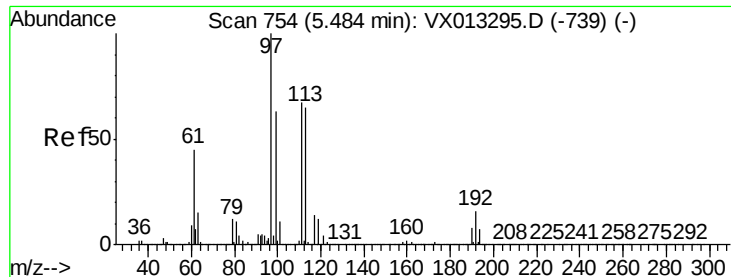


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

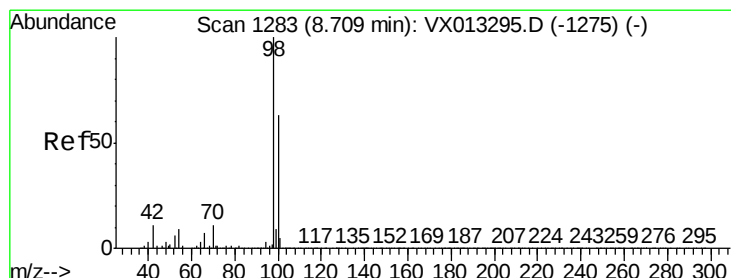
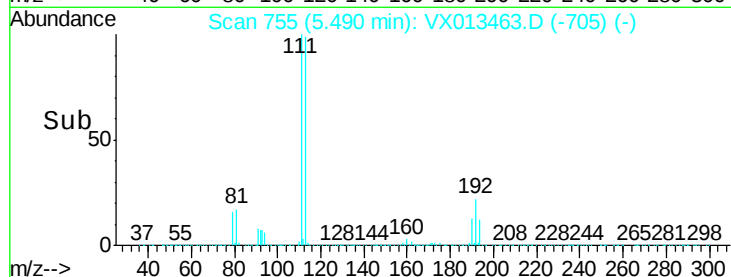
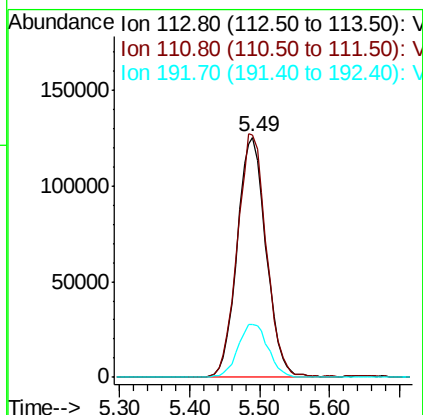
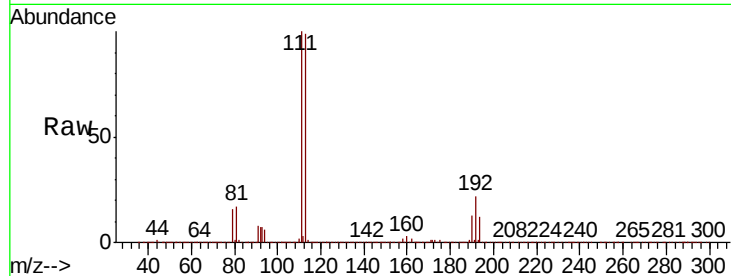




#35
Dibromofluoromethane
Concen: 48.418 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013463.D
Acq: 19 Nov 2019 14:25

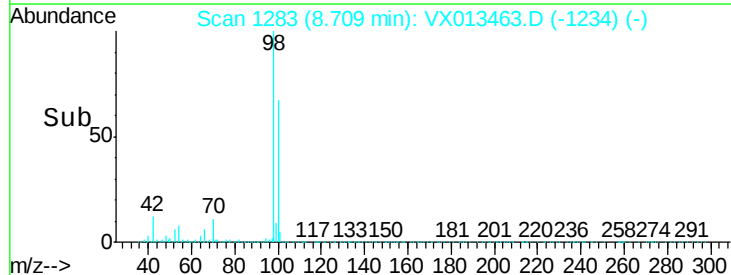
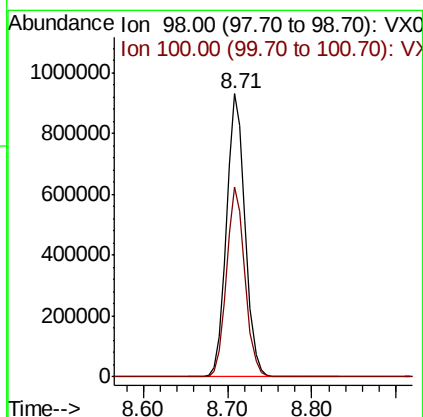
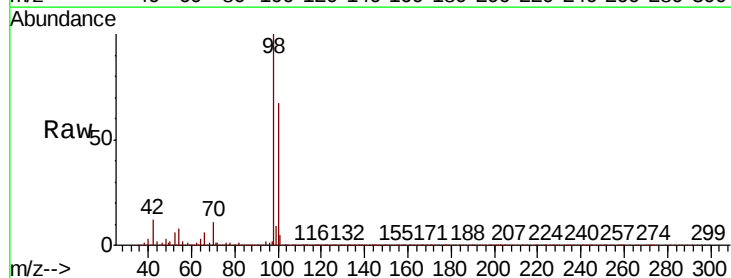
Instrument :
MSVOA_X
ClientSampleId :
FA19-GMZ6-ER1

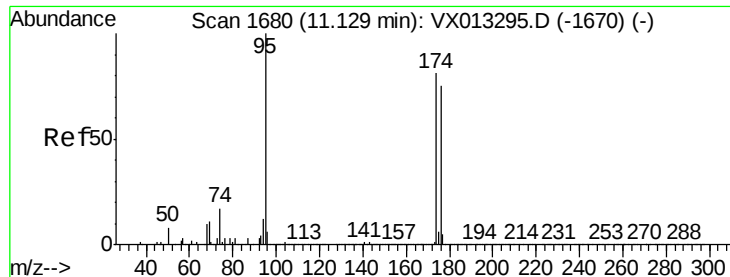
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.9	122.9
192	22.9	19.1	28.7



#50
Toluene-d8
Concen: 50.225 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013463.D
Acq: 19 Nov 2019 14:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.2	78.2





#62

4-Bromofluorobenzene

Concen: 45.869 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013463.D

Acq: 19 Nov 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

FA19-GMZ6-ER1

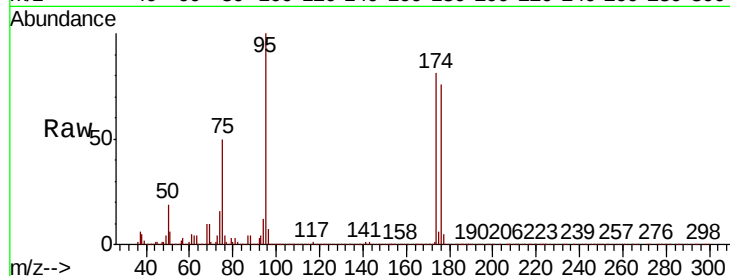
Tot Ion: 95 Resp: 463613

Ion Ratio Lower Upper

95 100

174 89.7 0.0 179.8

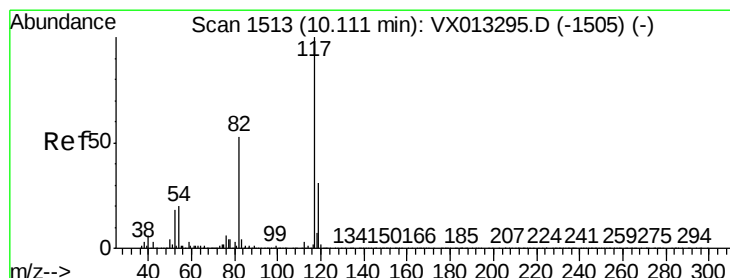
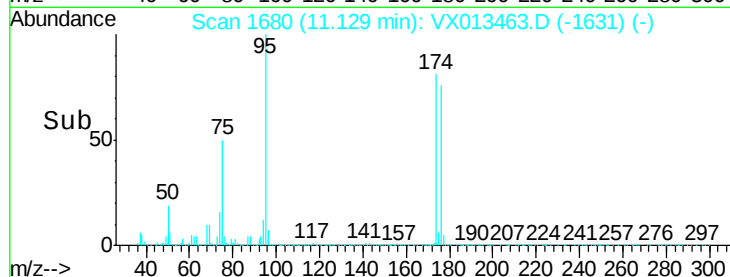
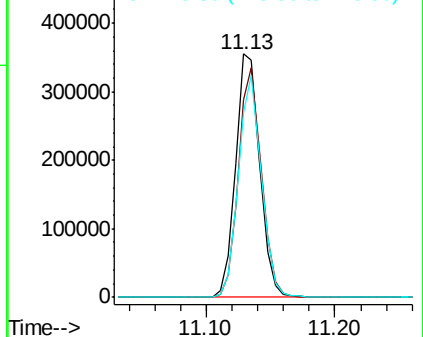
176 86.5 0.0 173.0



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: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013463.D

Acq: 19 Nov 2019 14:25

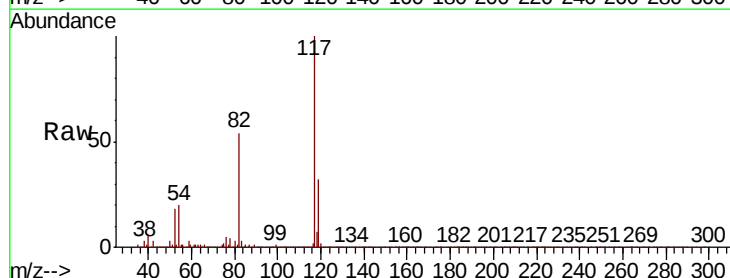
Tgt Ion: 117 Resp: 1054759

Ion Ratio Lower Upper

117 100

82 53.8 42.6 64.0

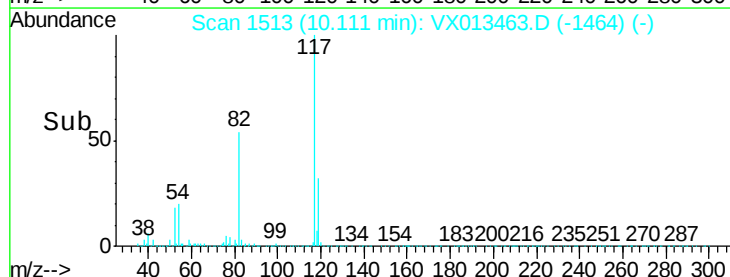
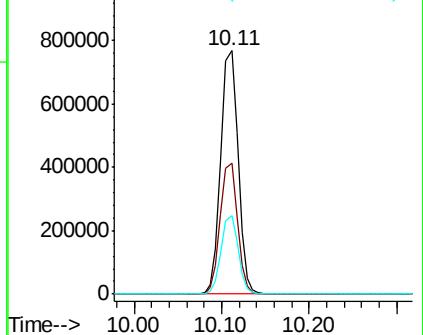
119 32.1 24.8 37.2

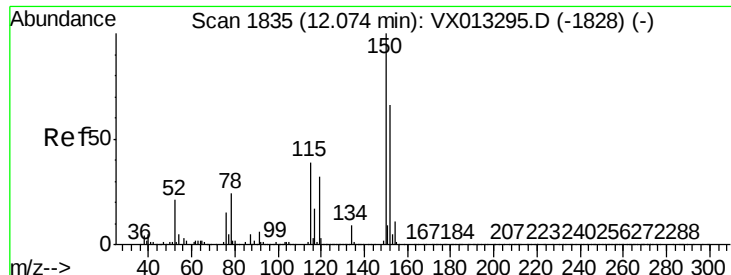


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013463.D

Acq: 19 Nov 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

FA19-GMZ6-ER1

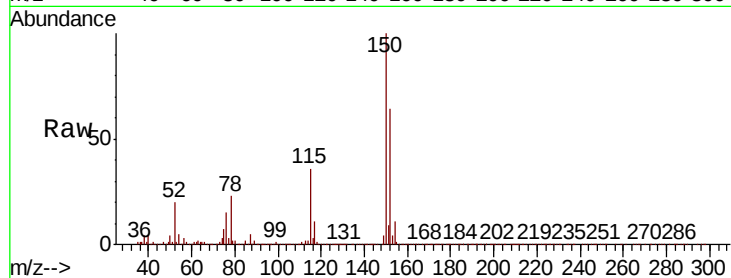
Tot Ion:152 Resp: 460472

Ion Ratio Lower Upper

152 100

115 55.3 39.5 118.3

150 156.7 0.0 344.4



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

