

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX120919\
 Data File : VX013853.D
 Acq On : 09 Dec 2019 15:46
 Operator : JC/SP
 Sample : K6184-22RE
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-20191204RE

Quant Time: Dec 10 04:04:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

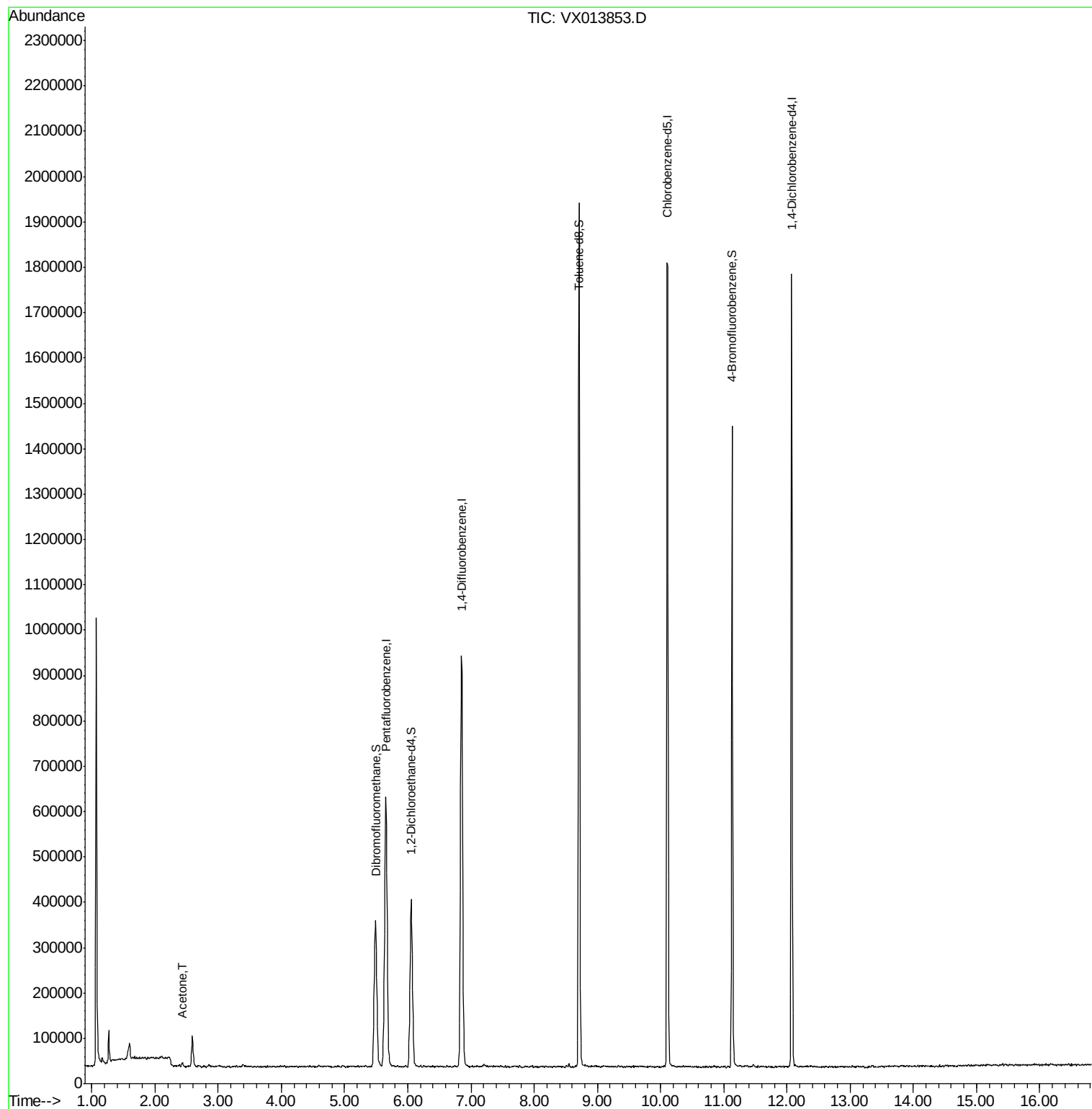
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	614207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	949309	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	847655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	365066	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	347178	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
35) Dibromofluoromethane	5.49	113	283540	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
50) Toluene-d8	8.71	98	1121483	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
62) 4-Bromofluorobenzene	11.13	95	370927	44.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.98%	
Target Compounds						
16) Acetone	2.44	43	10489	2.980	ug/l #	87

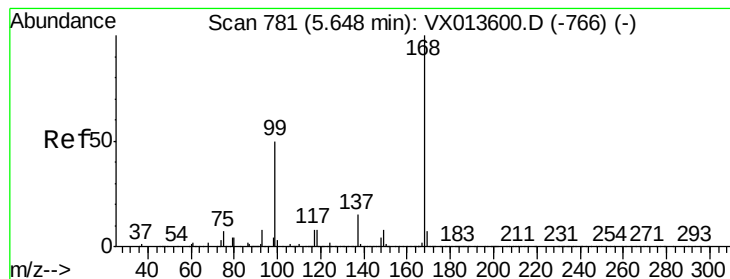
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 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: VX013853.D

Acq: 09 Dec 2019 15:46

Instrument :

MSVOA_X

ClientSampleId :

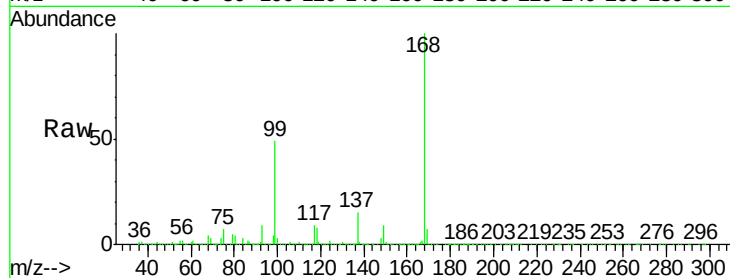
RE104D3-20191204RE

Tot Ion:168 Resp: 614207

Ion Ratio Lower Upper

168 100

99 49.1 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

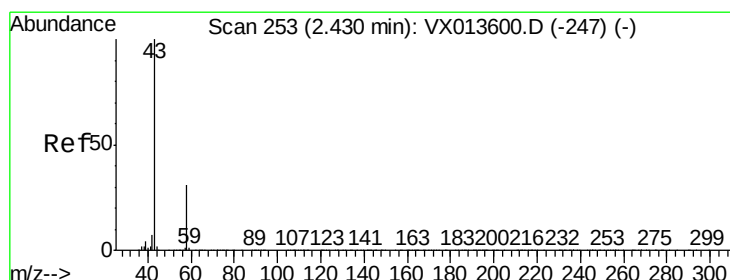
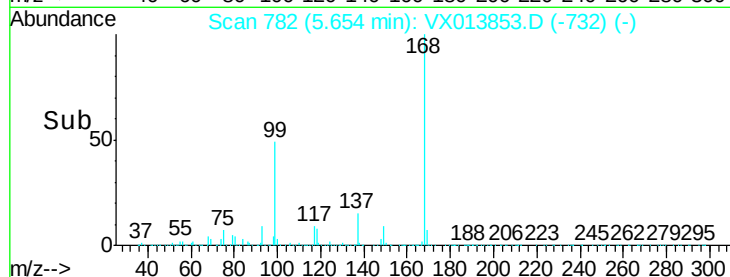
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.980 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX013853.D

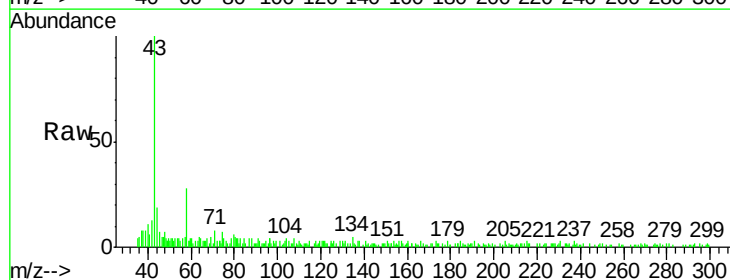
Acq: 09 Dec 2019 15:46

Tgt Ion: 43 Resp: 10489

Ion Ratio Lower Upper

43 100

58 23.6 24.6 36.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

6000

5000

4000

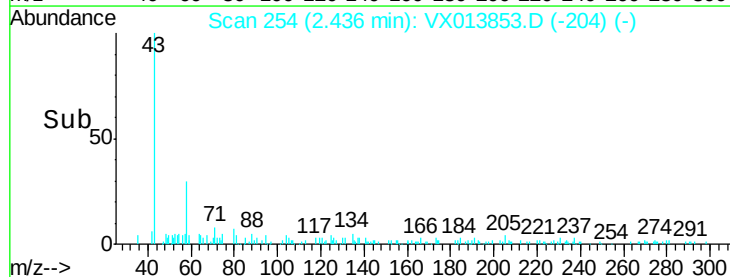
3000

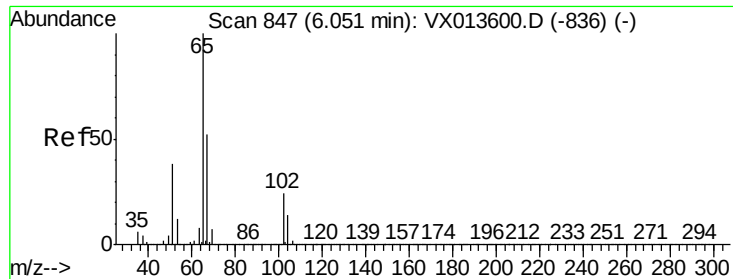
2000

1000

0

Time-->

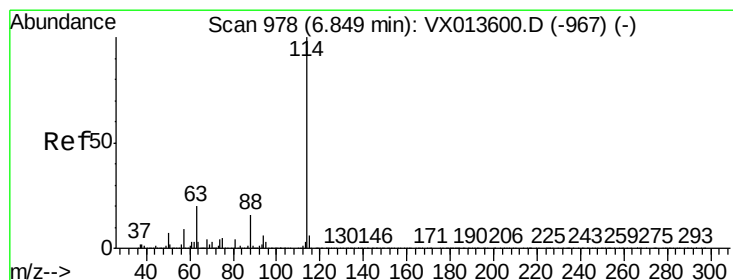
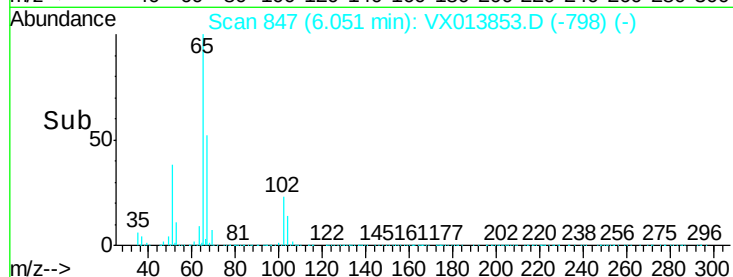
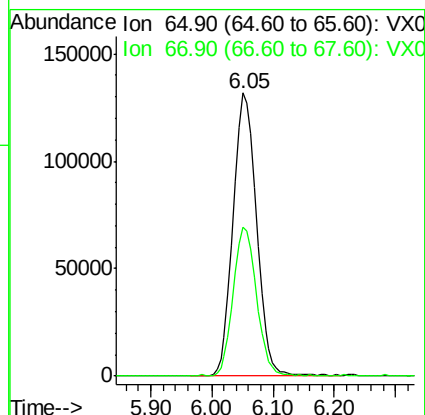
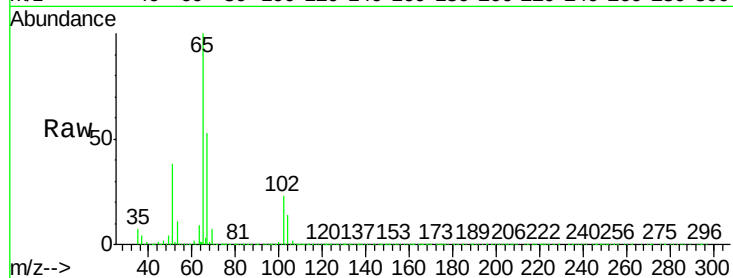




#33
 1,2-Dichloroethane-d4
 Concen: 48.696 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013853.D
 Acq: 09 Dec 2019 15:46

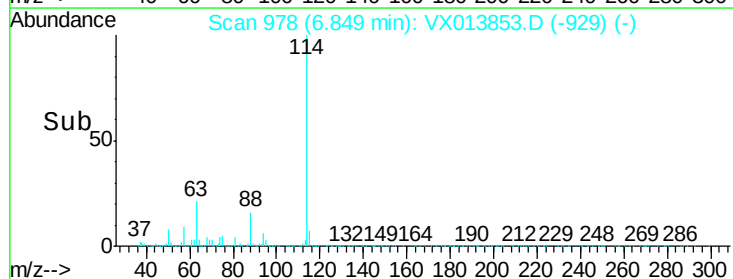
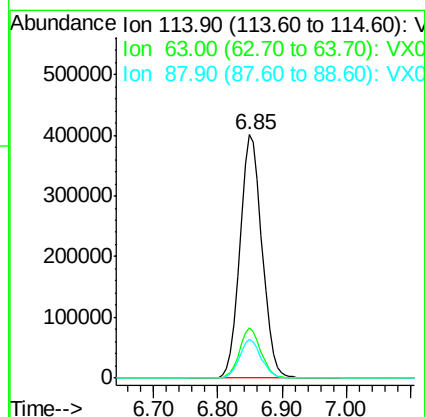
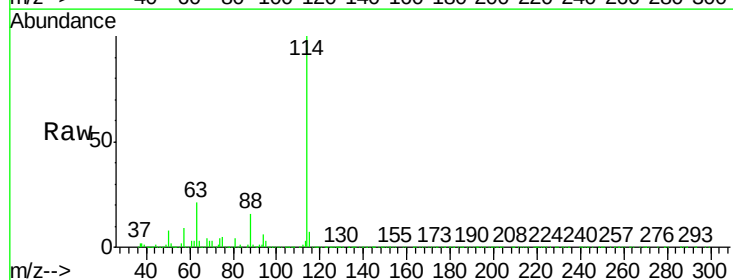
Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-20191204RE

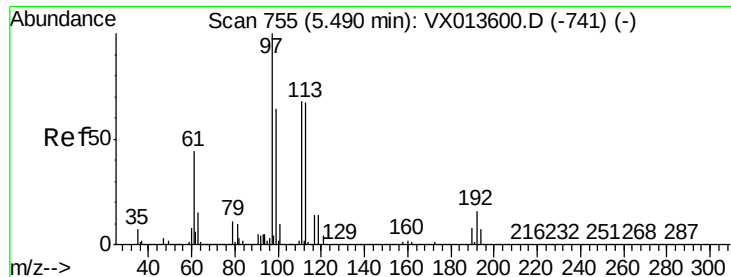
Tot Ion: 65 Resp: 347178
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013853.D
 Acq: 09 Dec 2019 15:46

Tgt Ion: 114 Resp: 949309
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.6
 88 15.9 0.0 31.4

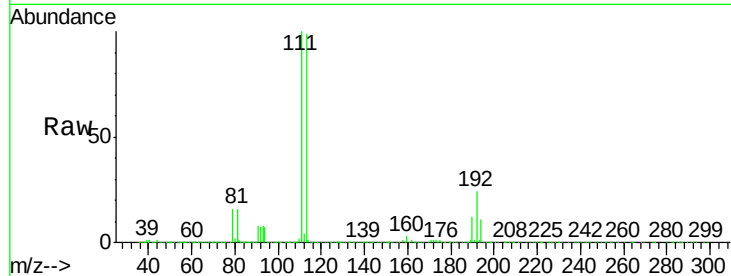




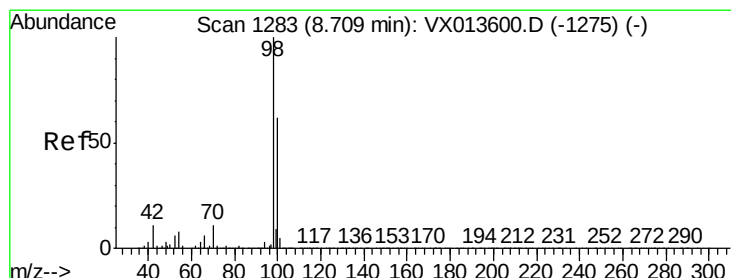
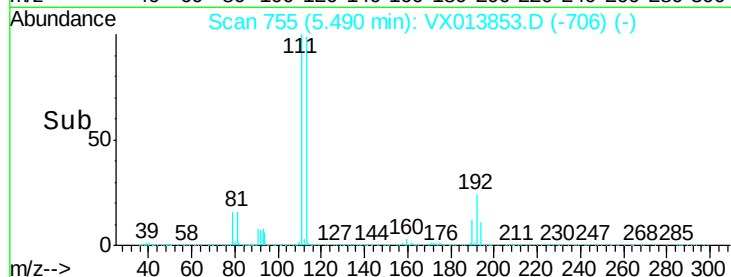
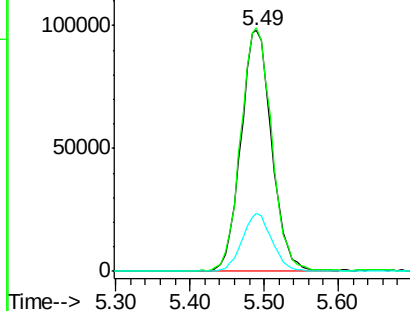
#35
Dibromofluoromethane
Concen: 48.314 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013853.D
Acq: 09 Dec 2019 15:46

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20191204RE

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.6	125.4
192	23.6	19.2	28.8

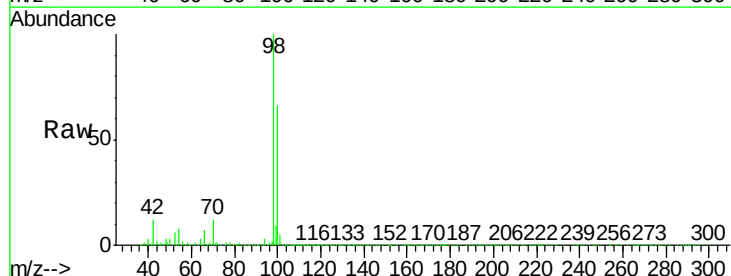


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

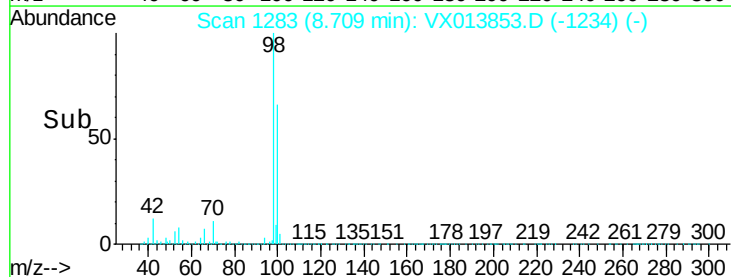
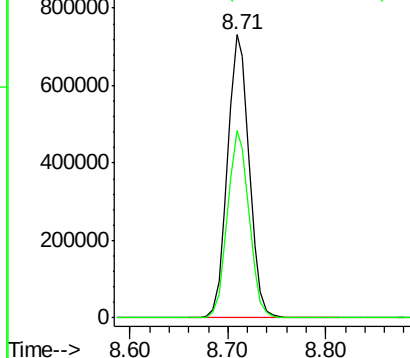


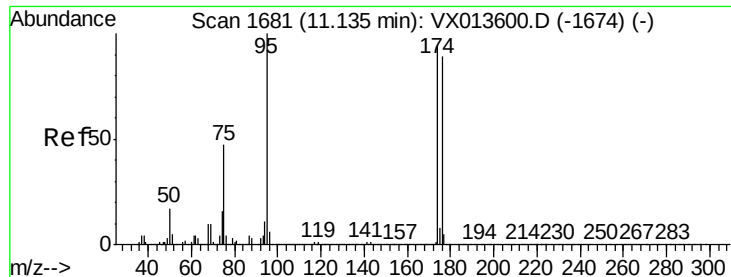
#50
Toluene-d8
Concen: 49.047 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013853.D
Acq: 09 Dec 2019 15:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.1	79.7



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





#62

4-Bromofluorobenzene

Concen: 44.987 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013853.D

Acq: 09 Dec 2019 15:46

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-20191204RE

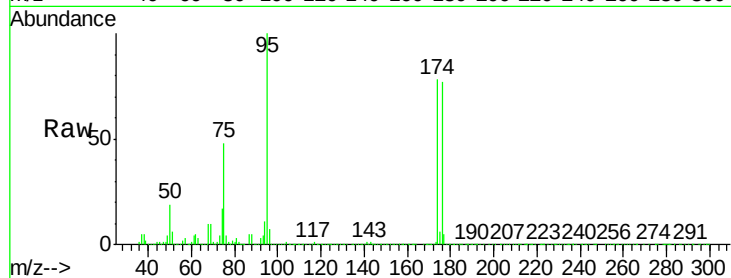
Tot Ion: 95 Resp: 370927

Ion Ratio Lower Upper

95 100

174 89.5 0.0 180.0

176 87.3 0.0 173.6

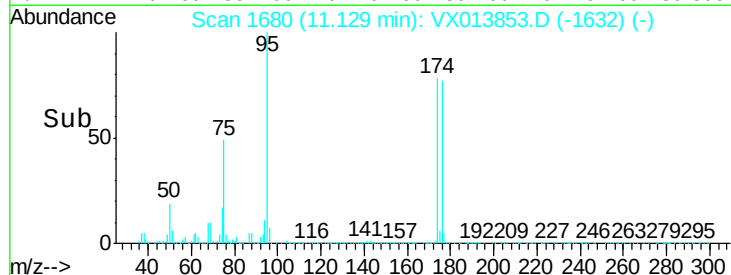


Abundance Ion 94.90 (94.60 to 95.60): VX013600.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX013600.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX013600.D (-1674) (-)

Time-->



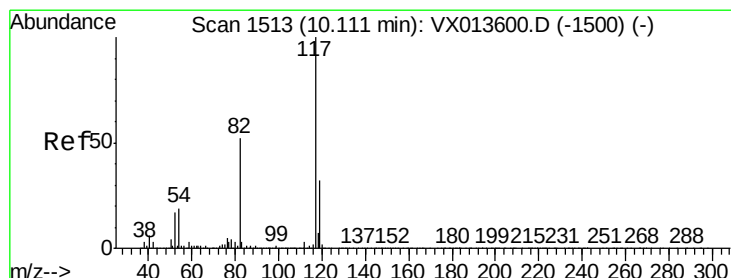
Abundance

Ion 94.90 (94.60 to 95.60): VX013853.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX013853.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX013853.D (-1632) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013853.D

Acq: 09 Dec 2019 15:46

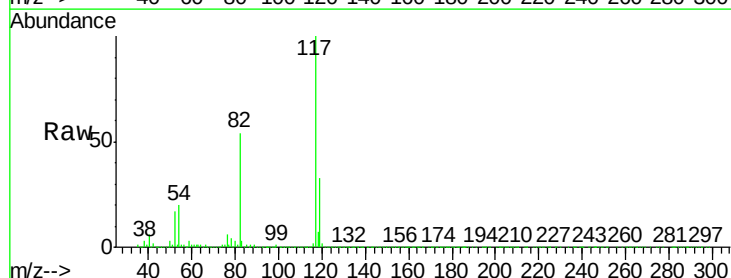
Tgt Ion: 117 Resp: 847655

Ion Ratio Lower Upper

117 100

82 53.6 41.8 62.8

119 32.9 25.8 38.8

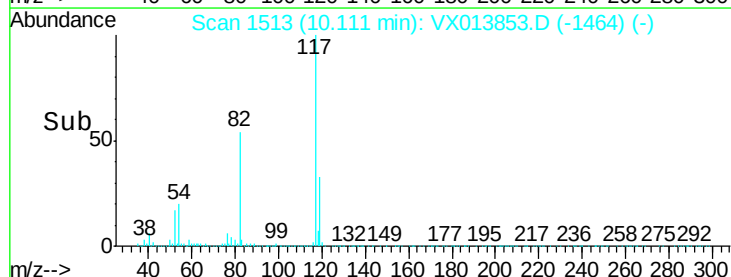


Abundance Ion 116.90 (116.60 to 117.60): VX013600.D (-1500) (-)

Ion 82.00 (81.70 to 82.70): VX013600.D (-1500) (-)

Ion 118.90 (118.60 to 119.60): VX013600.D (-1500) (-)

Time-->



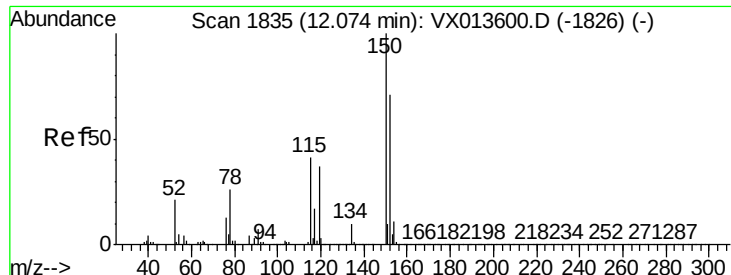
Abundance

Ion 116.90 (116.60 to 117.60): VX013853.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX013853.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX013853.D (-1464) (-)

Time-->



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX013853.D
 Acq: 09 Dec 2019 15:46

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-20191204RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.5	38.4	115.1
150	155.9	0.0	346.8

