

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112919\
 Data File : VX013707.D
 Acq On : 29 Nov 2019 17:33
 Operator : JC/SP
 Sample : K5965-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S39-ER-2019-1

Quant Time: Nov 29 23:56:33 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

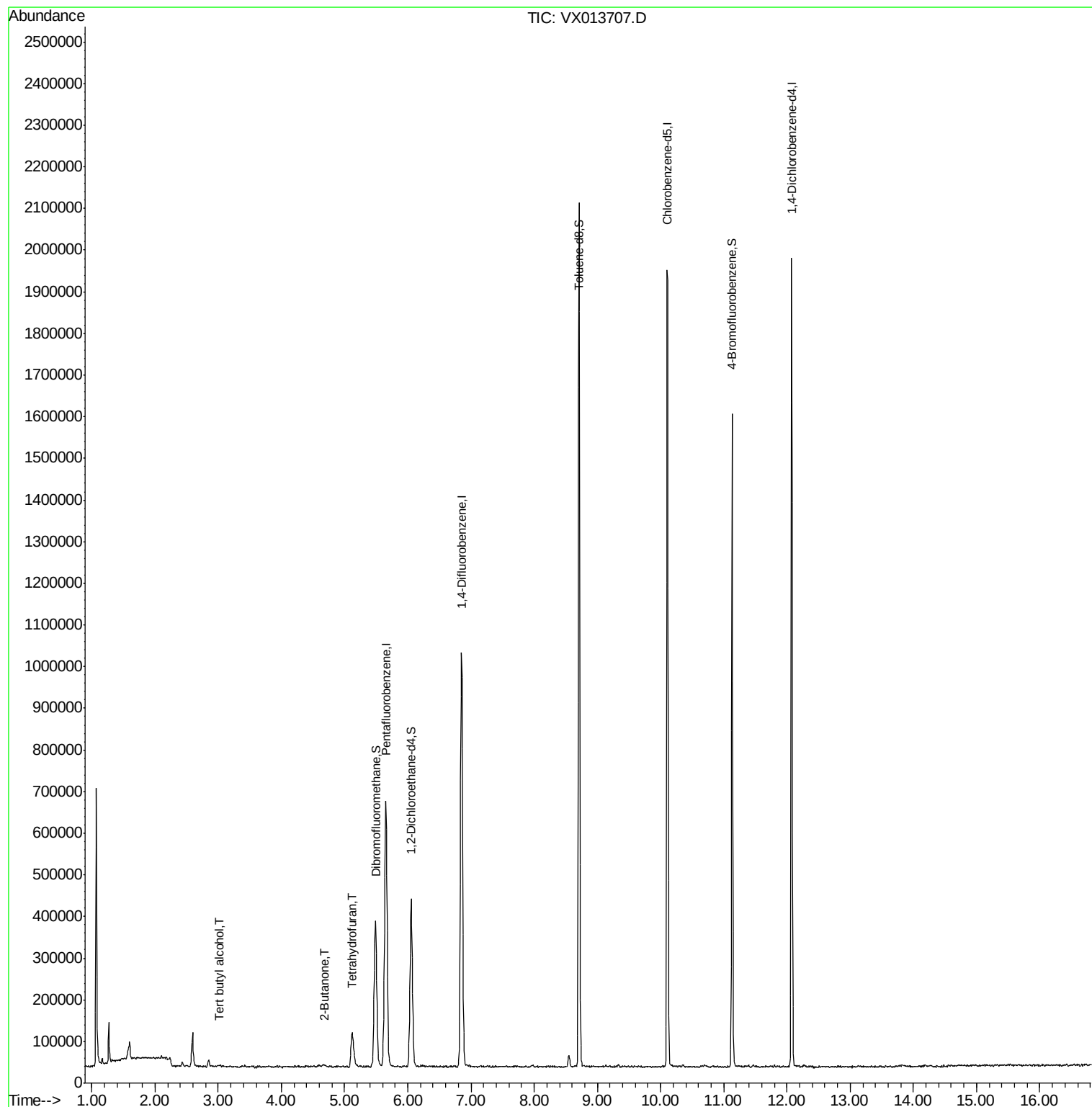
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	674519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1036122	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	909312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	413477	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	372068	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
35) Dibromofluoromethane	5.49	113	304636	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
50) Toluene-d8	8.71	98	1219681	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
62) 4-Bromofluorobenzene	11.13	95	408968	45.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.88%	
Target Compounds						
11) Tert butyl alcohol	3.01	59	4785	2.476	ug/l #	83
25) 2-Butanone	4.67	43	7043	1.226	ug/l #	89
29) Tetrahydrofuran	5.12	42	80458	22.718	ug/l	98

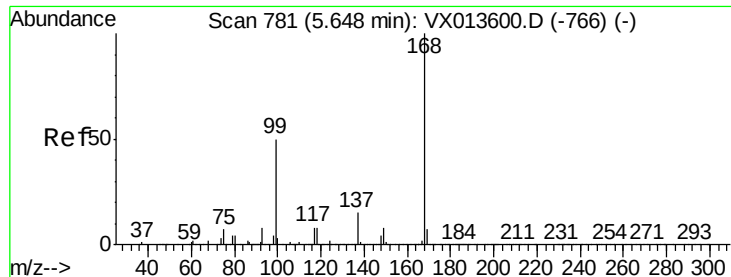
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013707.D

Acq: 29 Nov 2019 17:33

Instrument :

MSVOA_X

ClientSampled :

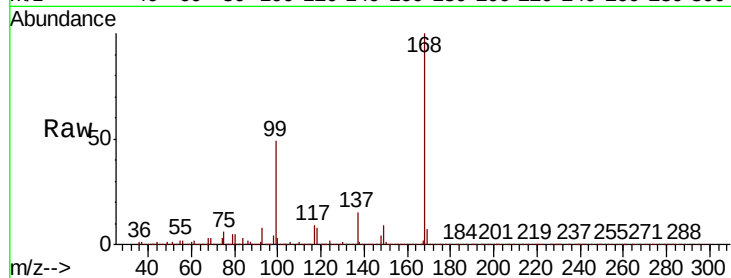
S39-ER-2019-1

Tot Ion:168 Resp: 674519

Ion Ratio Lower Upper

168 100

99 49.4 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

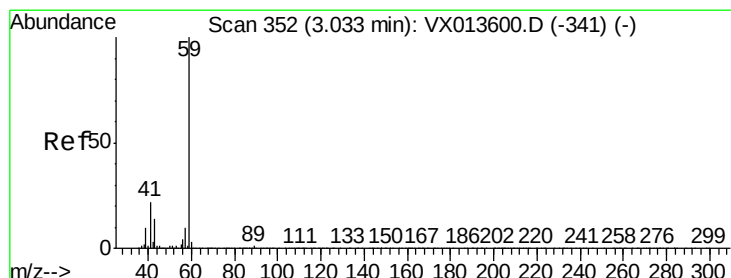
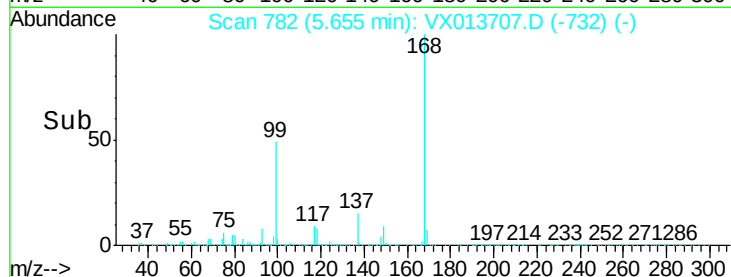
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 2.476 ug/l

RT: 3.01 min Scan# 349

Delta R.T. -0.02 min

Lab File: VX013707.D

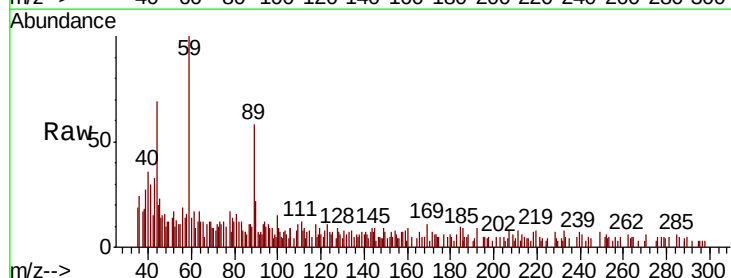
Acq: 29 Nov 2019 17:33

Tgt Ion: 59 Resp: 4785

Ion Ratio Lower Upper

59 100

57 16.1 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

2000

1500

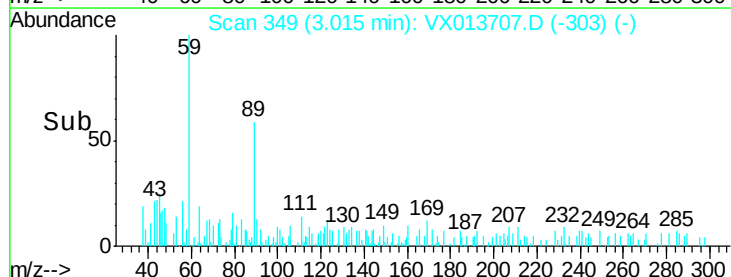
1000

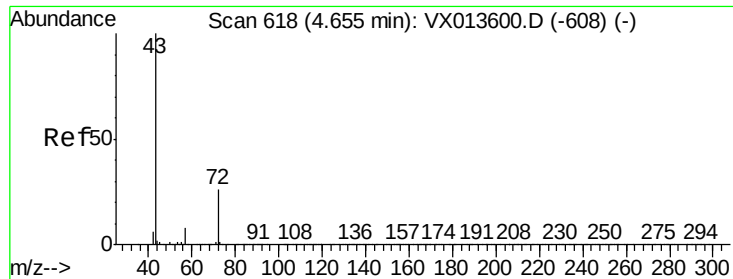
500

0

Time-->

2.95 3.00 3.05 3.10

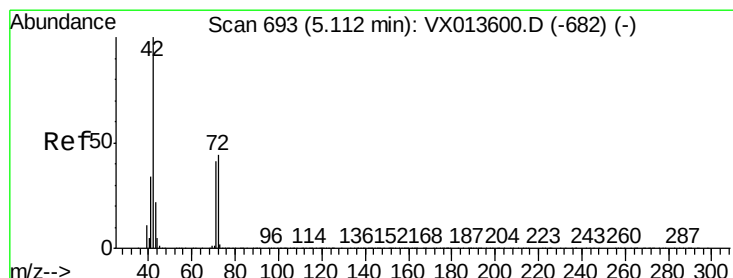
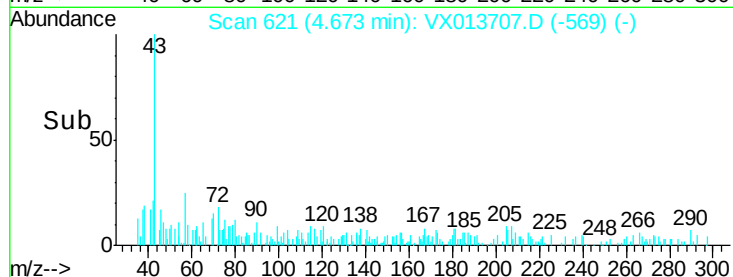
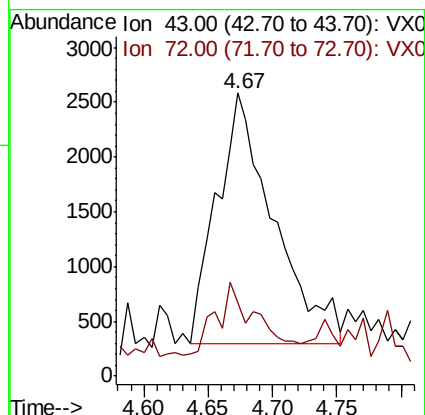
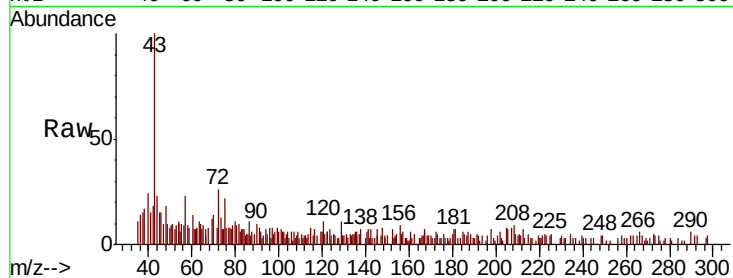




#25
2-Butanone
Concen: 1.226 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.02 min
Lab File: VX013707.D
Acq: 29 Nov 2019 17:33

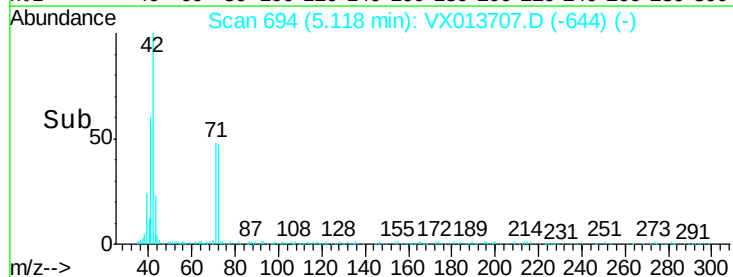
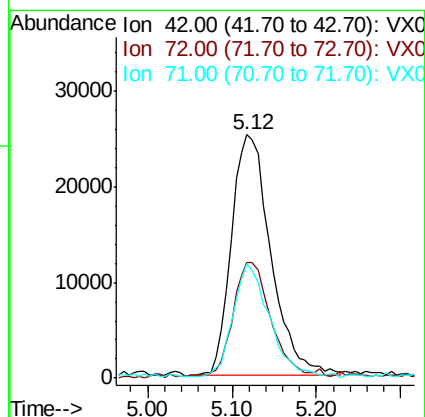
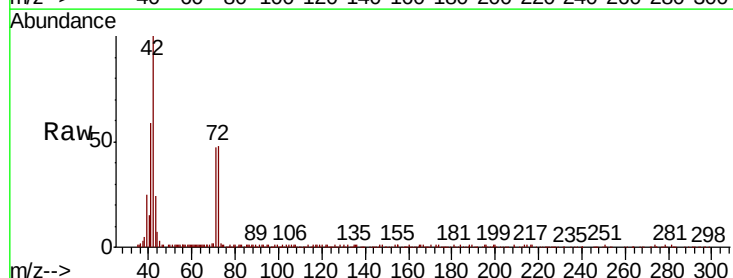
Instrument :
MSVOA_X
ClientSampleId :
S39-ER-2019-1

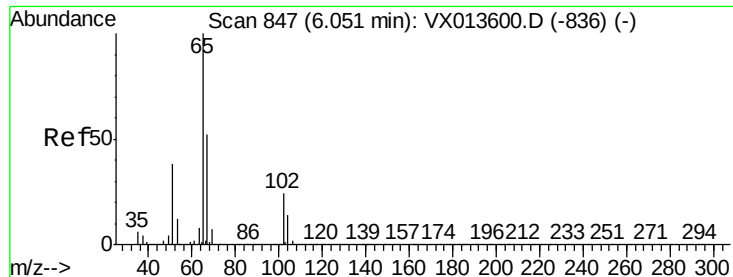
Tot Ion: 43 Resp: 7043
Ion Ratio Lower Upper
43 100
72 20.4 20.6 31.0#



#29
Tetrahydrofuran
Concen: 22.718 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX013707.D
Acq: 29 Nov 2019 17:33

Tgt Ion: 42 Resp: 80458
Ion Ratio Lower Upper
42 100
72 45.2 36.3 54.5
71 44.6 33.2 49.8

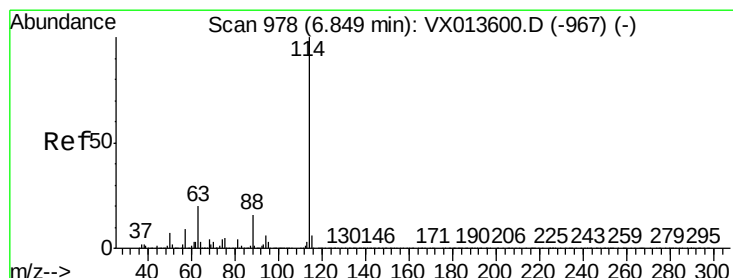
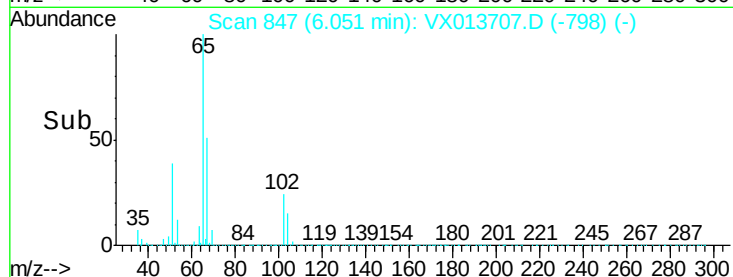
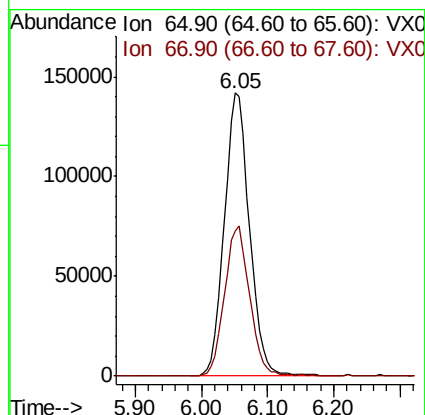
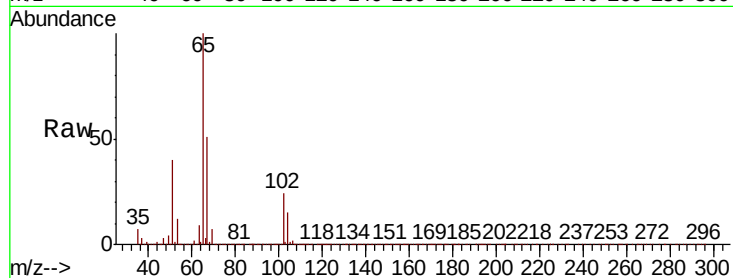




#33
 1,2-Dichloroethane-d4
 Concen: 47.520 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013707.D
 Acq: 29 Nov 2019 17:33

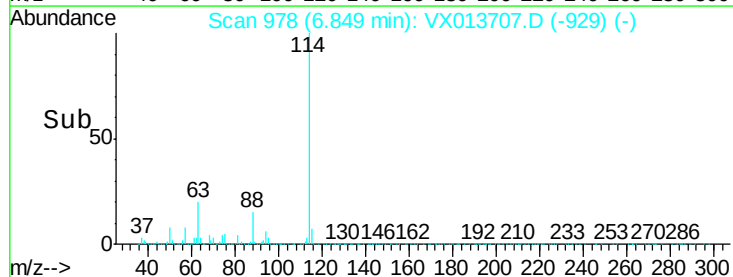
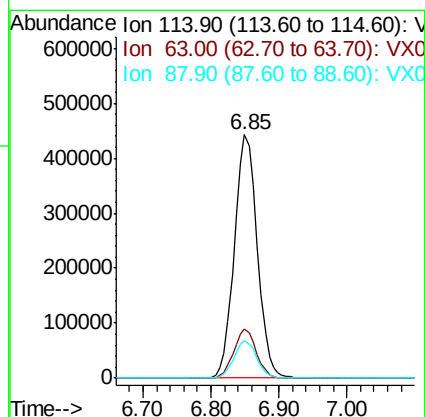
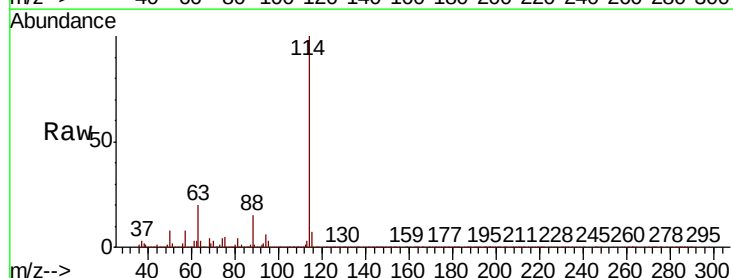
Instrument :
 MSVOA_X
 ClientSampleId :
 S39-ER-2019-1

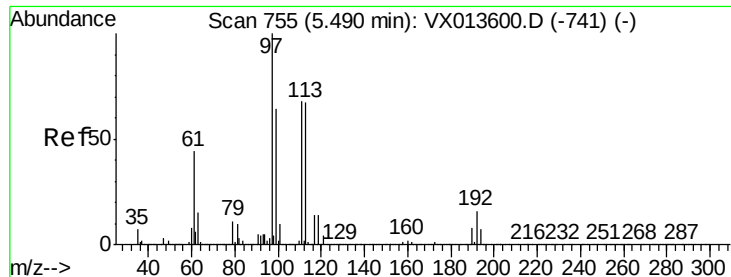
Tot Ion: 65 Resp: 372068
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013707.D
 Acq: 29 Nov 2019 17:33

Tgt Ion: 114 Resp: 1036122
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.6
 88 15.3 0.0 31.4

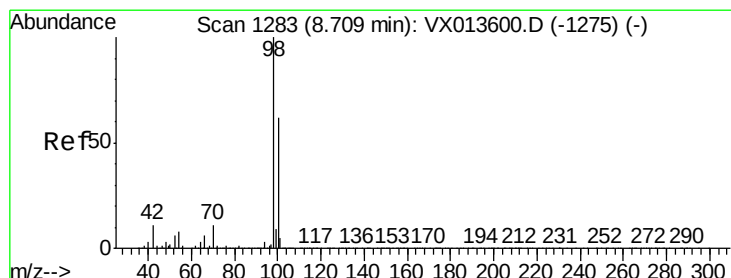
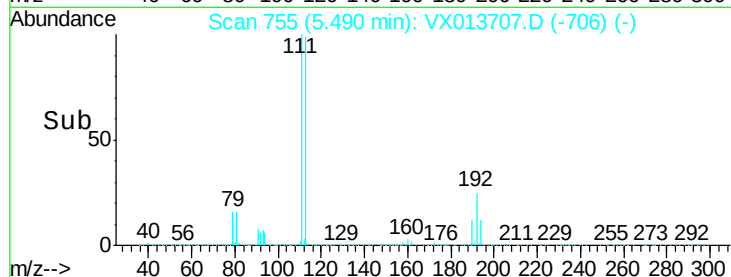
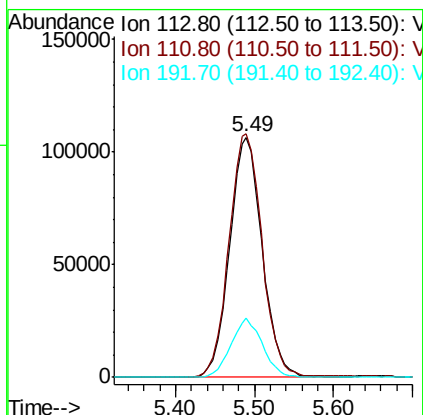
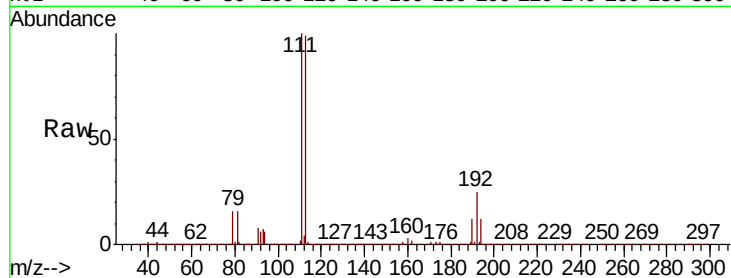




#35
Dibromofluoromethane
Concen: 47.559 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013707.D
Acq: 29 Nov 2019 17:33

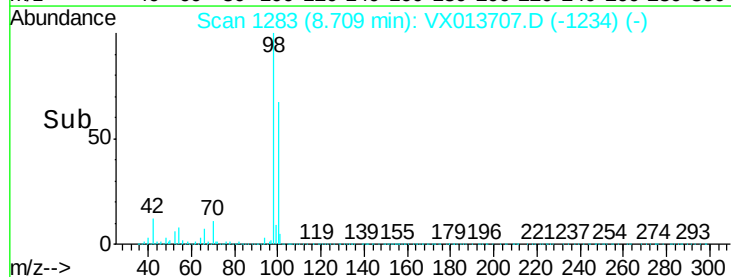
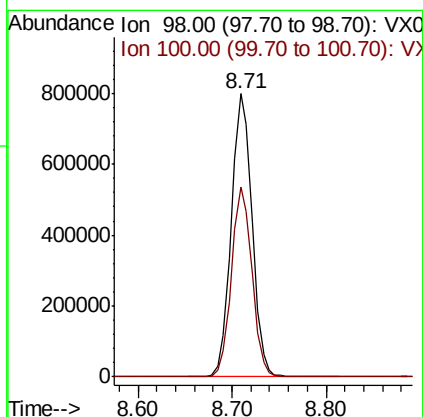
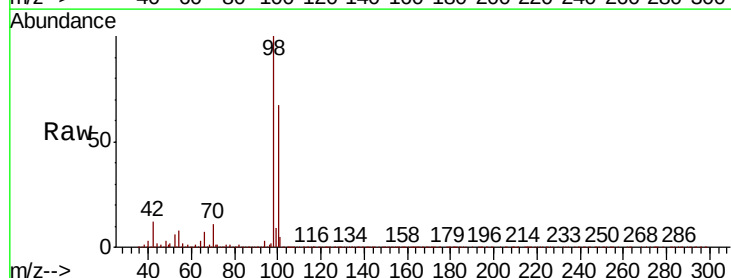
Instrument :
MSVOA_X
ClientSampleId :
S39-ER-2019-1

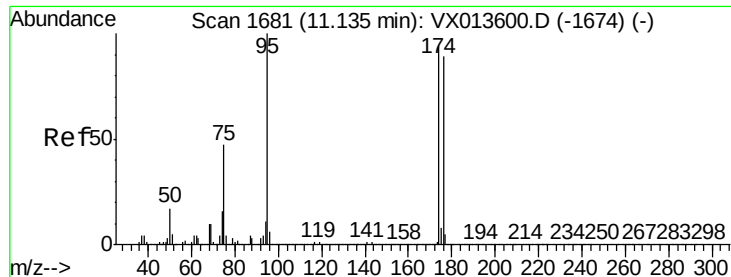
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.6	125.4
192	24.0	19.2	28.8



#50
Toluene-d8
Concen: 48.873 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013707.D
Acq: 29 Nov 2019 17:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.1	79.7





#62

4-Bromofluorobenzene

Concen: 45.444 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013707.D

Acq: 29 Nov 2019 17:33

Instrument :

MSVOA_X

ClientSampleId :

S39-ER-2019-1

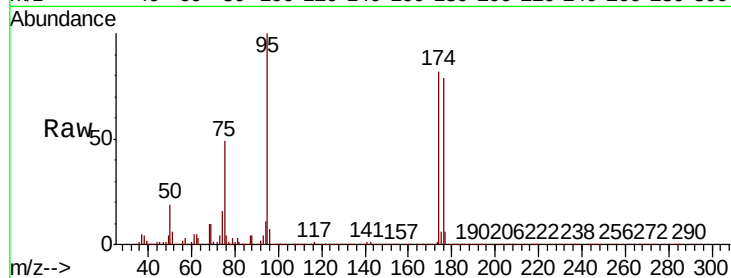
Tot Ion: 95 Resp: 408968

Ion Ratio Lower Upper

95 100

174 90.1 0.0 180.0

176 88.0 0.0 173.6

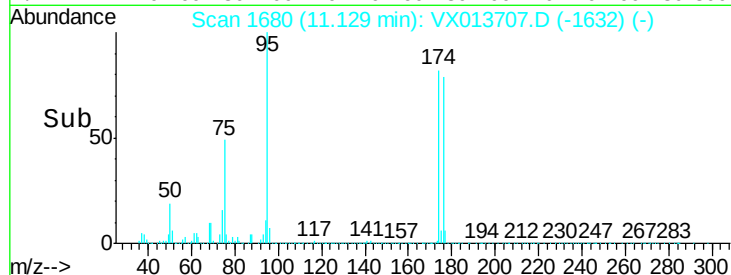


Abundance Ion 94.90 (94.60 to 95.60): VX013600.D (-1674) (-)

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

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

Time-->



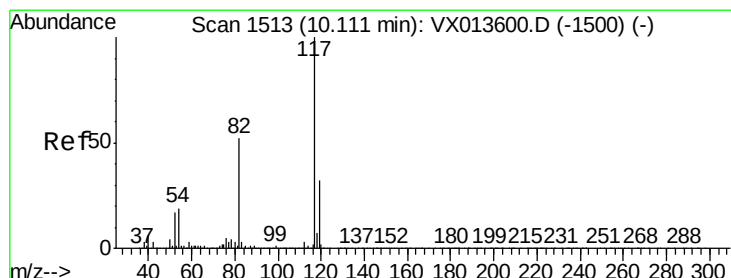
Abundance

Ion 94.90 (94.60 to 95.60): 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-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013707.D

Acq: 29 Nov 2019 17:33

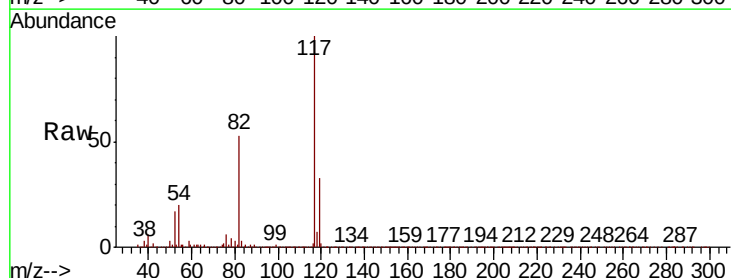
Tgt Ion: 117 Resp: 909312

Ion Ratio Lower Upper

117 100

82 52.9 41.8 62.8

119 32.6 25.8 38.8

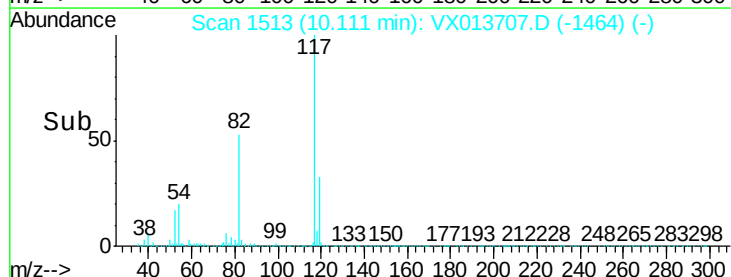


Abundance Ion 116.90 (116.60 to 117.60): VX013600.D (-1500) (-)

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

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

Time-->



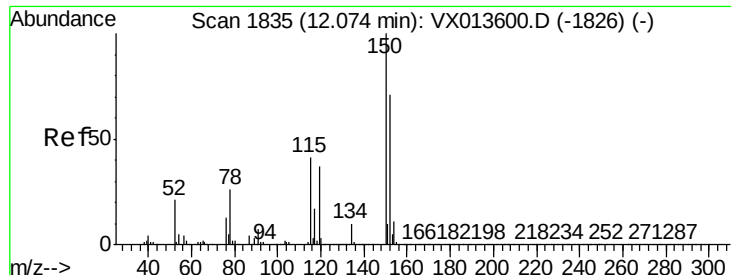
Abundance

Ion 116.90 (116.60 to 117.60): 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-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013707.D

Acq: 29 Nov 2019 17:33

Instrument :

MSVOA_X

ClientSampleId :

S39-ER-2019-1

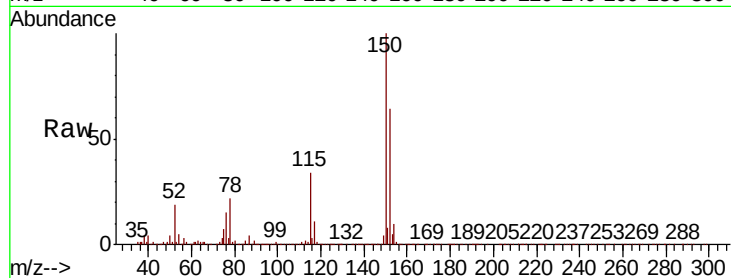
Tot Ion:152 Resp: 413477

Ion Ratio Lower Upper

152 100

115 54.4 38.4 115.1

150 157.3 0.0 346.8



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

