

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
 Data File : VX011144.D
 Acq On : 29 Jul 2019 14:38
 Operator : JC/SP
 Sample : K4018-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU19-MSW0413

Quant Time: Jul 30 05:45:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

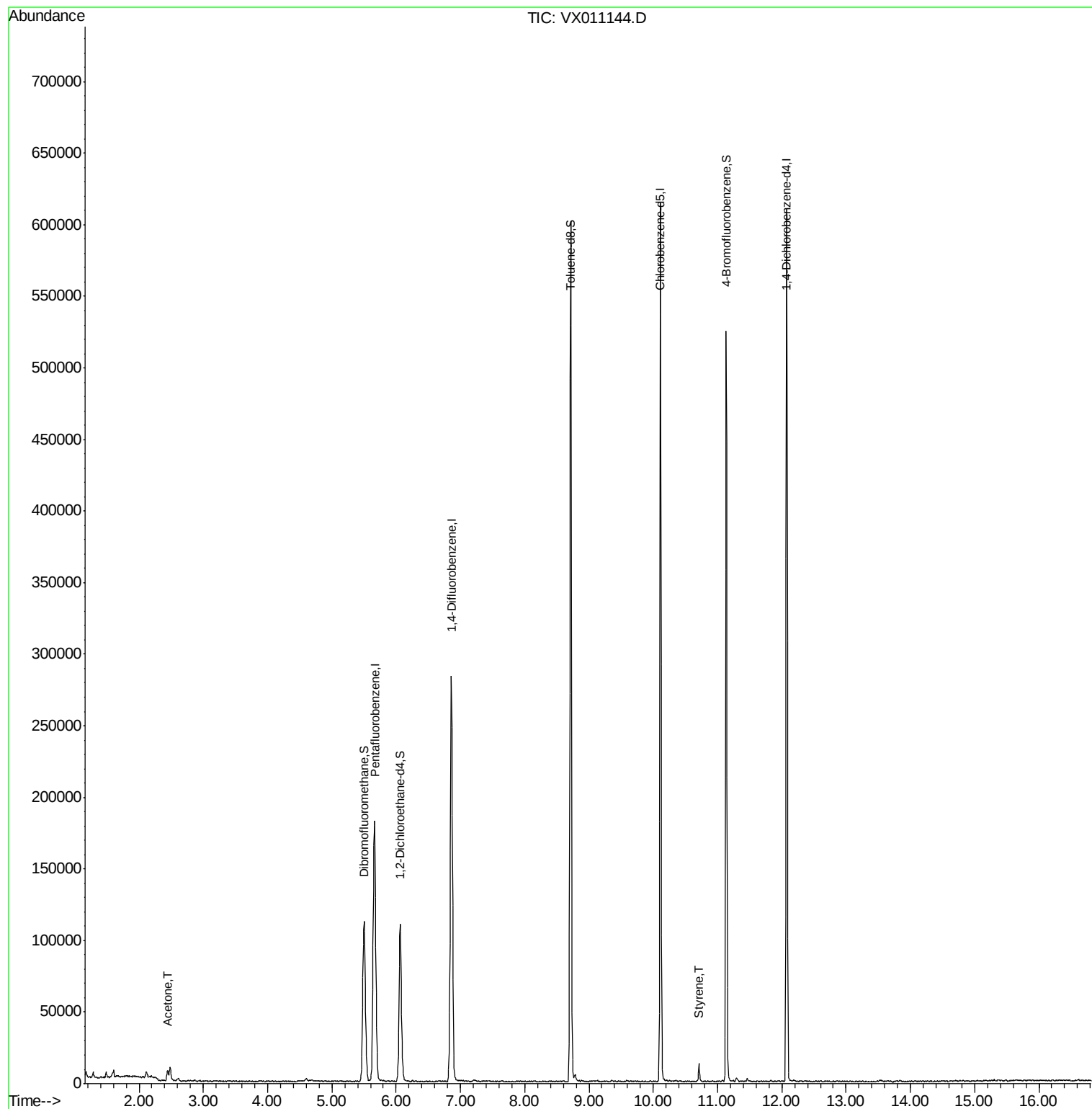
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	185321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	300723	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	282099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	130786	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	102489	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
35) Dibromofluoromethane	5.50	113	94160	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
50) Toluene-d8	8.71	98	361621	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	11.13	95	127295	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
Target Compounds						
16) Acetone	2.45	43	7794	8.753	ug/l	98
70) Styrene	10.71	104	5016	0.815	ug/l	94

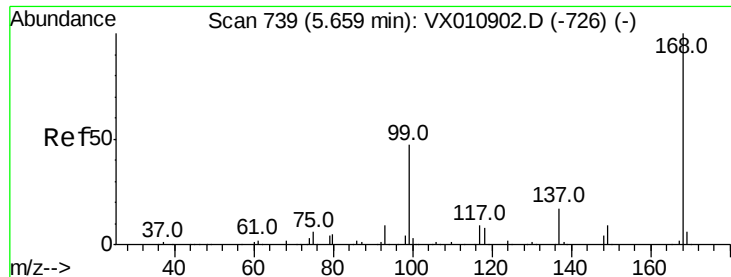
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011144.D

Acq: 29 Jul 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

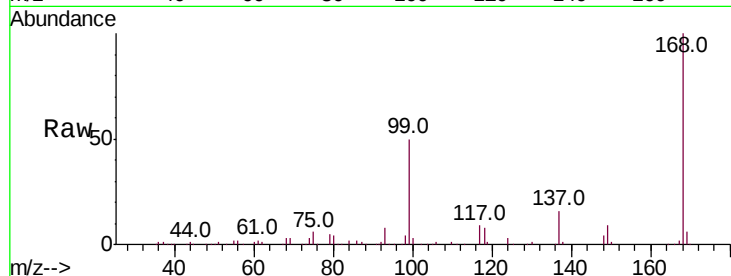
SU19-MSW0413

Tot Ion:168 Resp: 185321

Ion Ratio Lower Upper

168 100

99 50.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

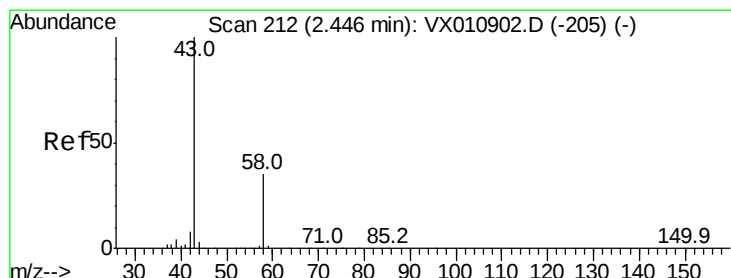
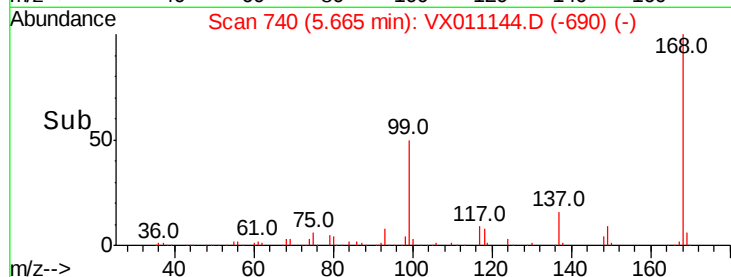
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.753 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX011144.D

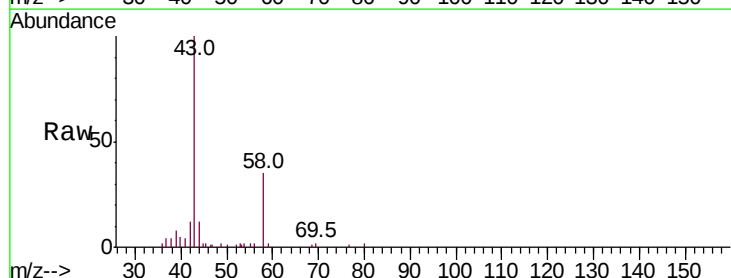
Acq: 29 Jul 2019 14:38

Tgt Ion: 43 Resp: 7794

Ion Ratio Lower Upper

43 100

58 33.2 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

5000

4000

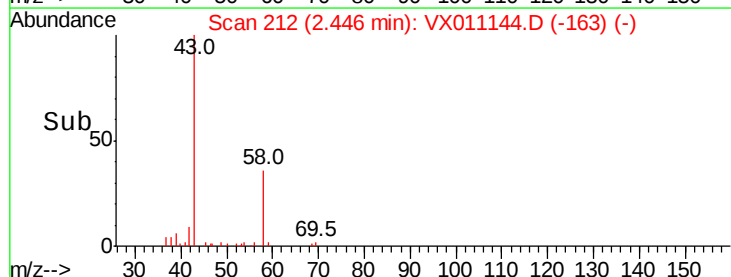
3000

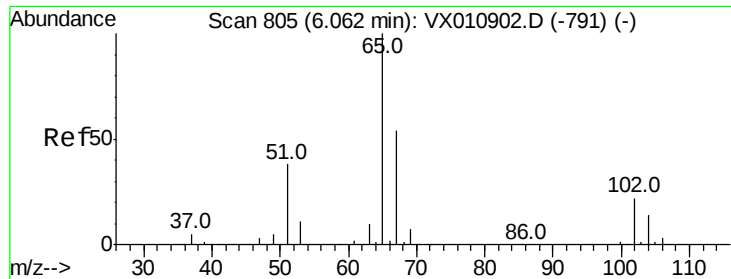
2000

1000

0

Time--> 2.35 2.40 2.45 2.50

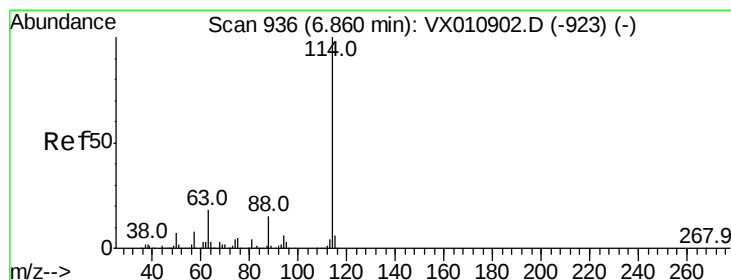
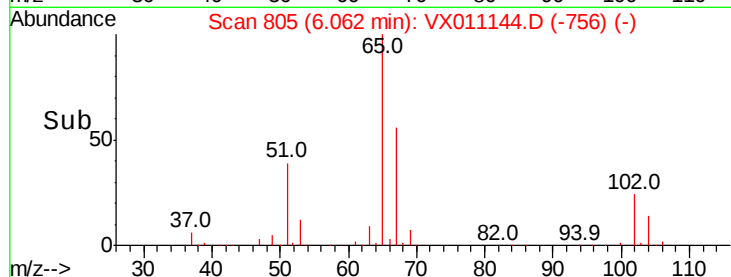
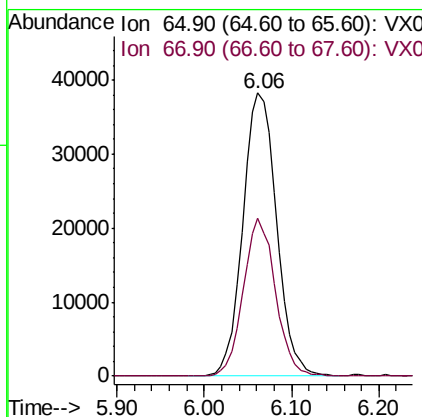
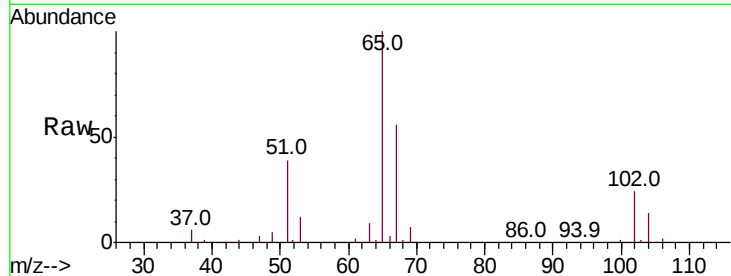




#33
 1,2-Dichloroethane-d4
 Concen: 51.984 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX011144.D
 Acq: 29 Jul 2019 14:38

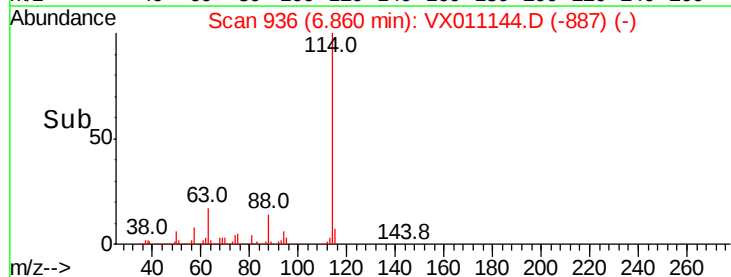
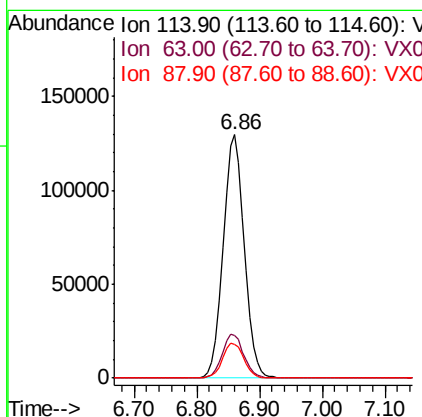
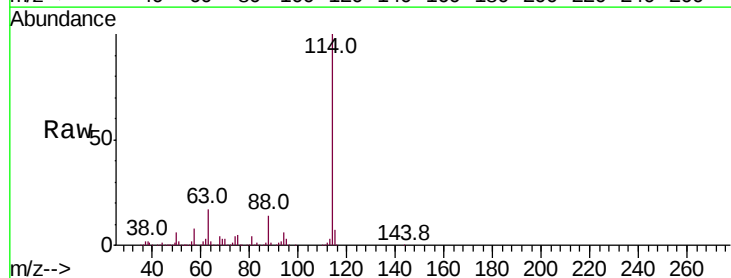
Instrument :
 MSVOA_X
 ClientSampleId :
 SU19-MSW0413

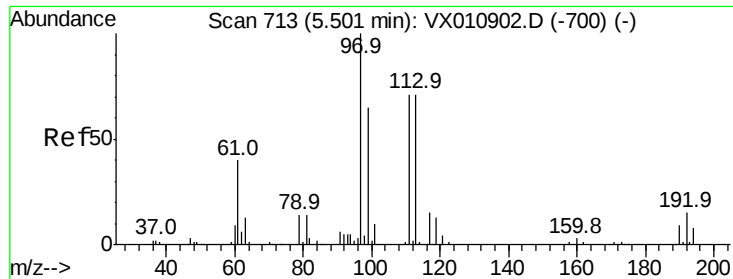
Tot Ion: 65 Resp: 102489
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX011144.D
 Acq: 29 Jul 2019 14:38

Tgt Ion: 114 Resp: 300723
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.6
 88 14.0 0.0 29.8





#35

Dibromofluoromethane

Concen: 49.331 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011144.D

Acq: 29 Jul 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

SU19-MSW0413

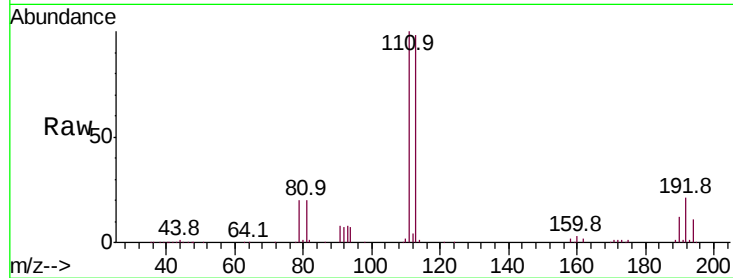
Tot Ion:113 Resp: 94160

Ion Ratio Lower Upper

113 100

111 102.2 82.3 123.5

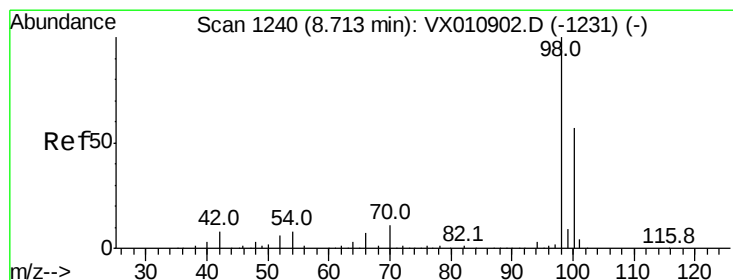
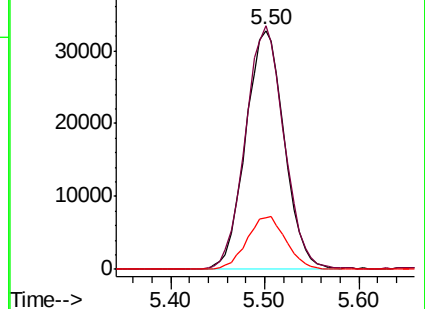
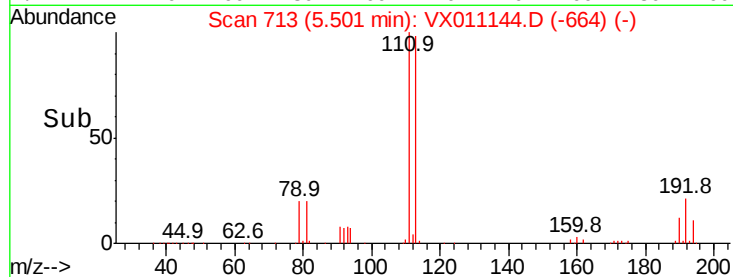
192 22.5 17.4 26.2



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: 50.513 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011144.D

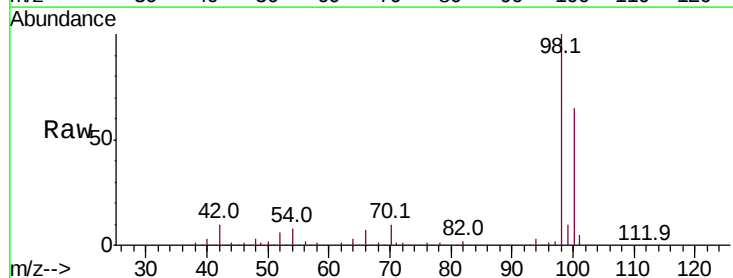
Acq: 29 Jul 2019 14:38

Tgt Ion: 98 Resp: 361621

Ion Ratio Lower Upper

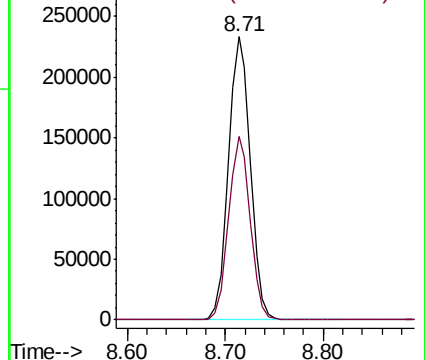
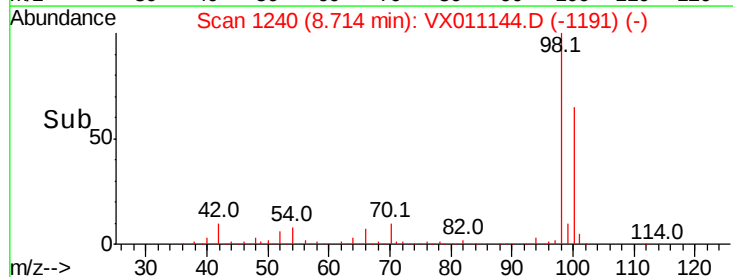
98 100

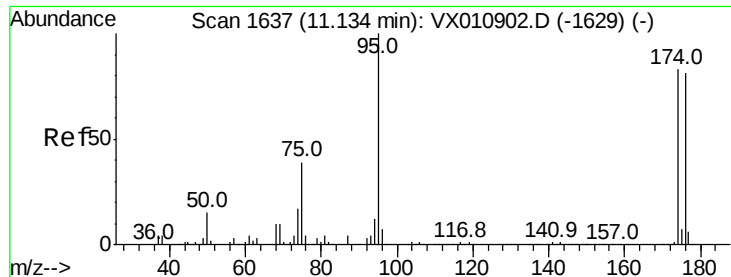
100 64.2 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.375 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011144.D

Acq: 29 Jul 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

SU19-MSW0413

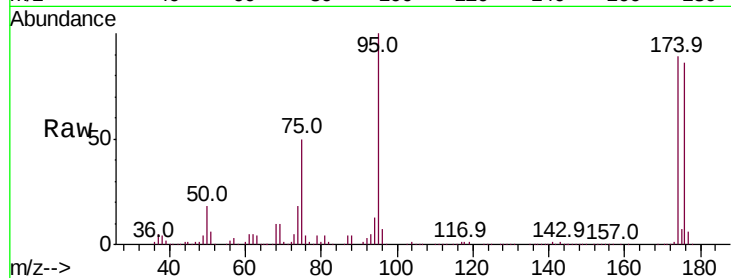
Tot Ion: 95 Resp: 127295

Ion Ratio Lower Upper

95 100

174 92.4 0.0 180.6

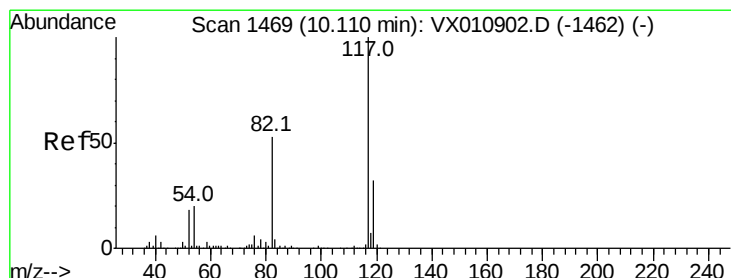
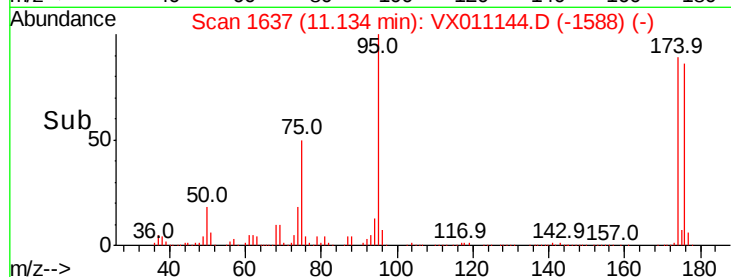
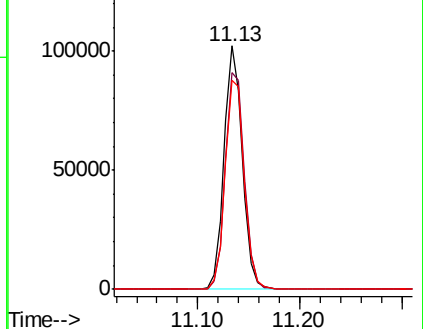
176 89.6 0.0 173.8



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# 1469

Delta R.T. 0.00 min

Lab File: VX011144.D

Acq: 29 Jul 2019 14:38

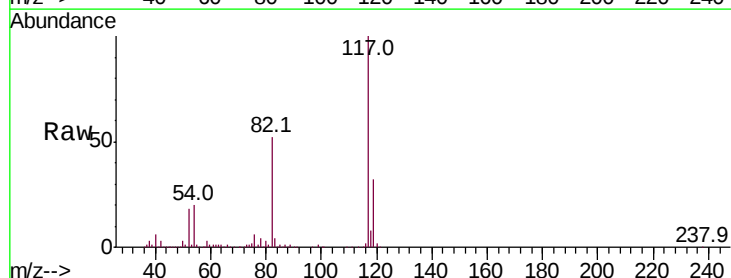
Tgt Ion: 117 Resp: 282099

Ion Ratio Lower Upper

117 100

82 51.8 42.6 63.8

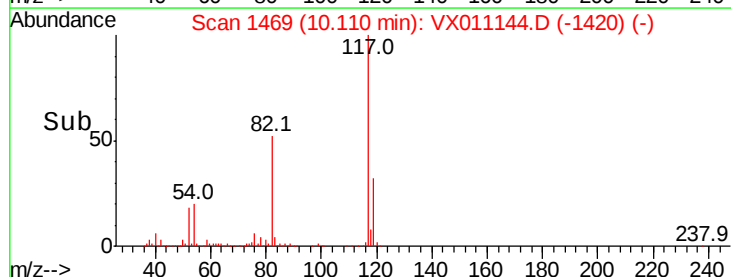
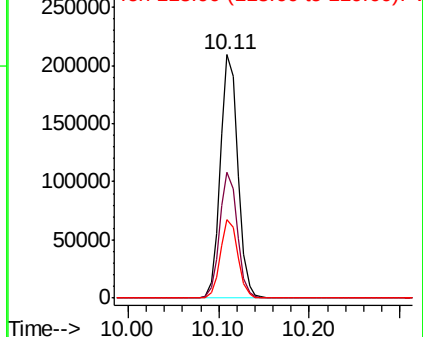
119 32.4 25.9 38.9

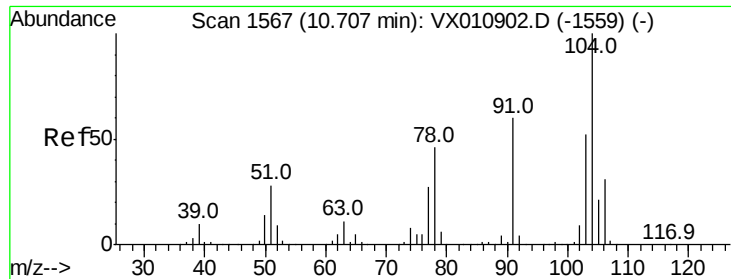


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

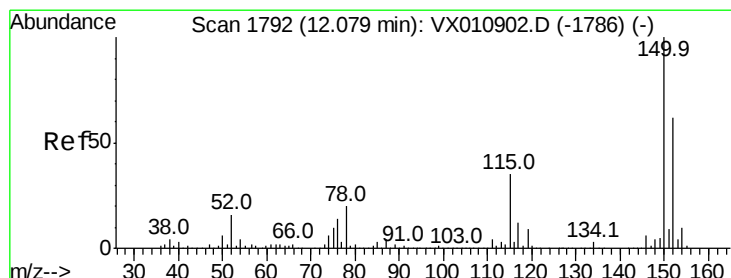
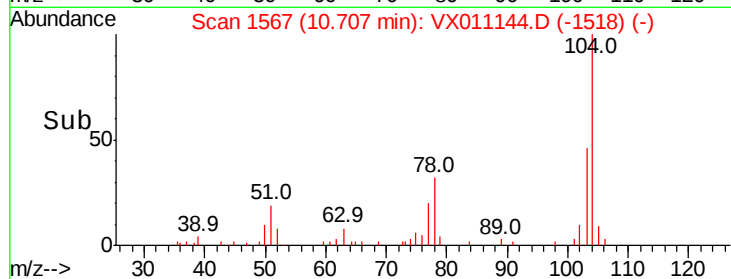
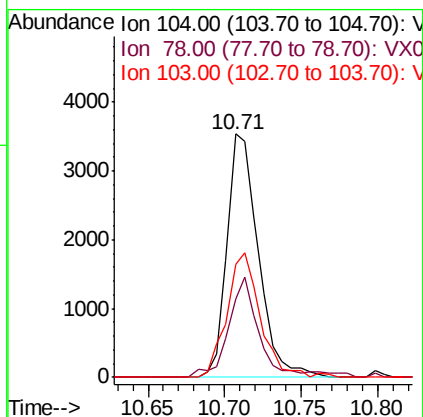
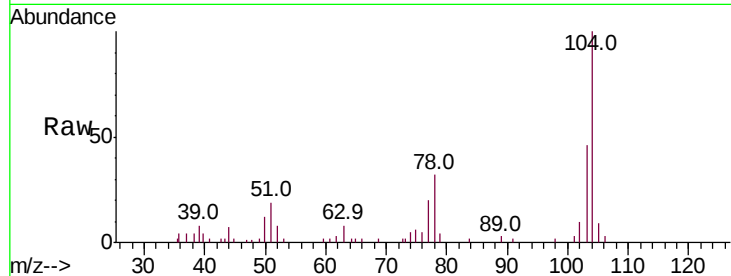




#70
Stvrene
Concen: 0.815 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011144.D
Acq: 29 Jul 2019 14:38

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0413

Tot Ion:104 Resp: 5016
Ion Ratio Lower Upper
104 100
78 40.9 38.8 58.2
103 54.1 44.2 66.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011144.D
Acq: 29 Jul 2019 14:38

Tgt Ion:152 Resp: 130786
Ion Ratio Lower Upper
152 100
115 56.1 39.7 119.1
150 156.5 0.0 345.6

