

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041219\
 Data File : VX008905.D
 Acq On : 12 Apr 2019 23:18
 Operator : JC/SP
 Sample : K2311-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 0236-COMP-CS-1-ELTRT-DISS

Quant Time: Apr 13 06:25:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

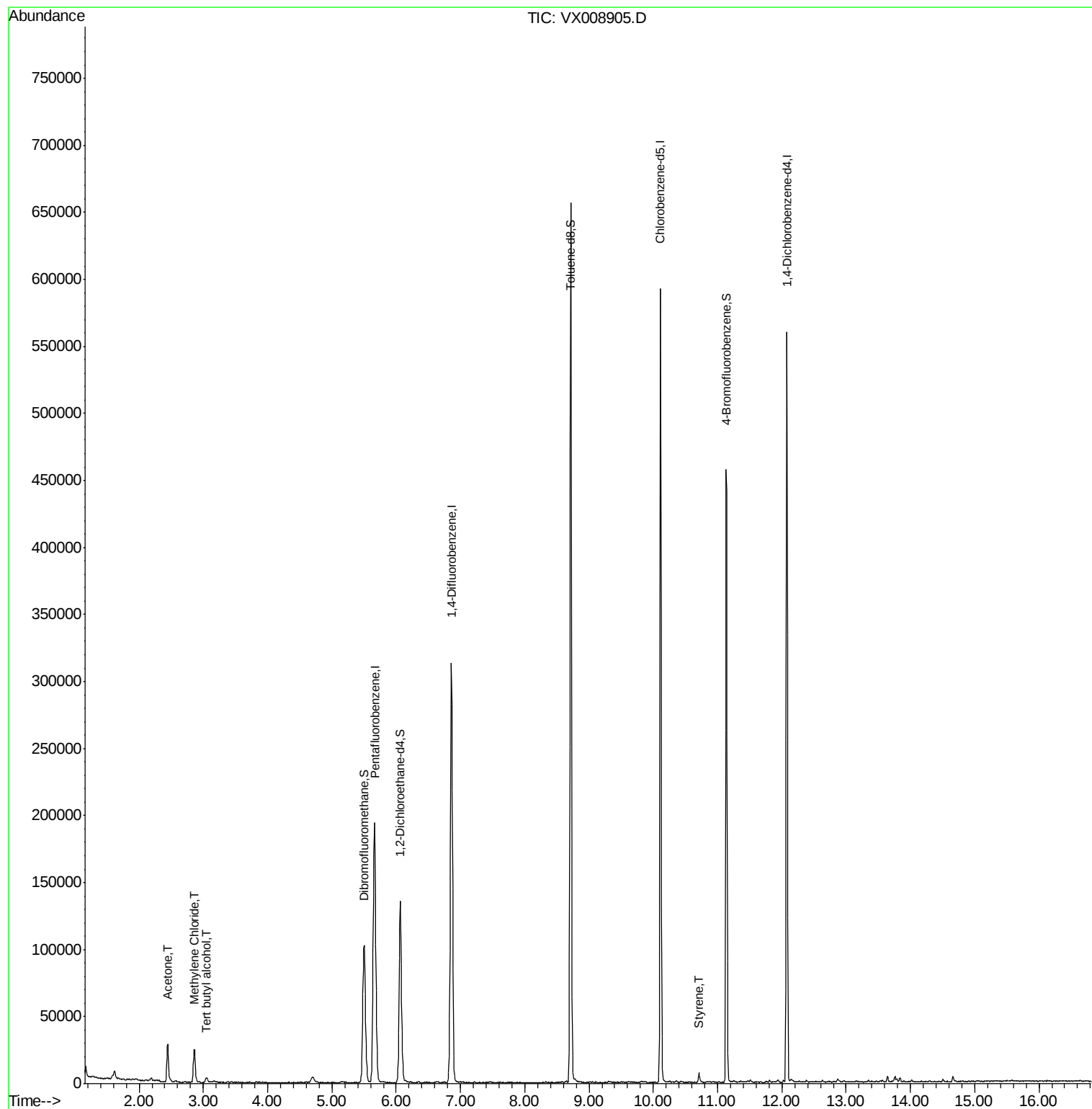
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	187609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	301073	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	260543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110865	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	124721	45.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.16%	
35) Dibromofluoromethane	5.50	113	90115	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
50) Toluene-d8	8.71	98	377870	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	11.13	95	124684	45.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.74%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.05	59	4027	6.286	ug/l #	93
16) Acetone	2.45	43	31259	19.833	ug/l	99
20) Methylene Chloride	2.86	84	11652	4.417	ug/l	98
70) Styrene	10.71	104	2483	0.384	ug/l	93

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX041219\
Data File : VX008905.D
Acq On : 12 Apr 2019 23:18
Operator : JC/SP
Sample : K2311-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
0236-COMP-CS-1-ELTRT-DISS

Quant Time: Apr 13 06:25:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
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: VX008905.D

Acq: 12 Apr 2019 23:18

Instrument :

MSVOA_X

ClientSampleId :

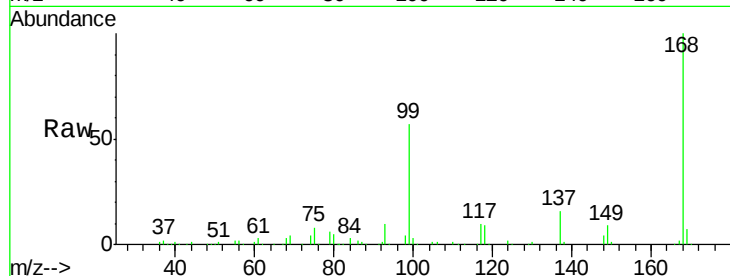
0236-COMP-CS-1-ELTRT-DISS

Tgt Ion:168 Resp: 187609

Ion Ratio Lower Upper

168 100

99 57.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

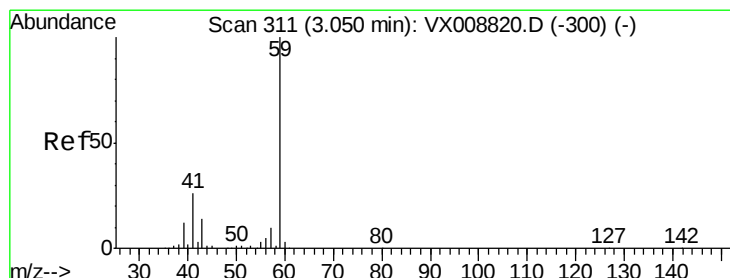
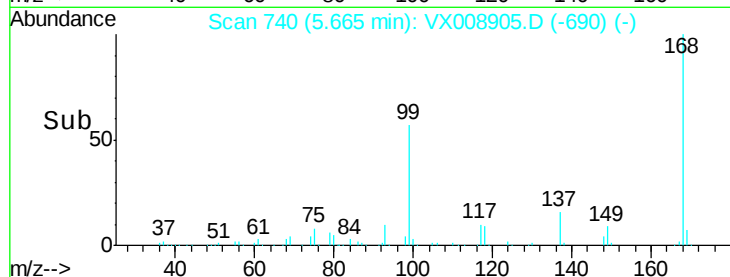
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 6.286 ug/l

RT: 3.05 min Scan# 311

Delta R.T. -0.01 min

Lab File: VX008905.D

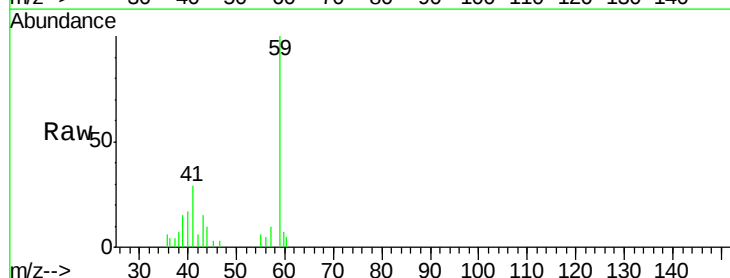
Acq: 12 Apr 2019 23:18

Tgt Ion: 59 Resp: 4027

Ion Ratio Lower Upper

59 100

57 13.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.05

2000

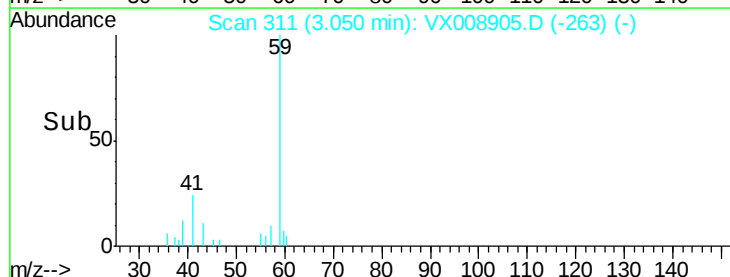
1500

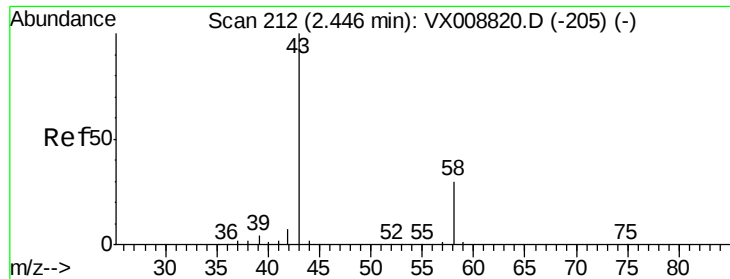
1000

500

0

Time--> 2.95 3.00 3.05 3.10 3.15





#16

Acetone

Concen: 19.833 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008905.D

Acq: 12 Apr 2019 23:18

Instrument :

MSVOA_X

ClientSampleId :

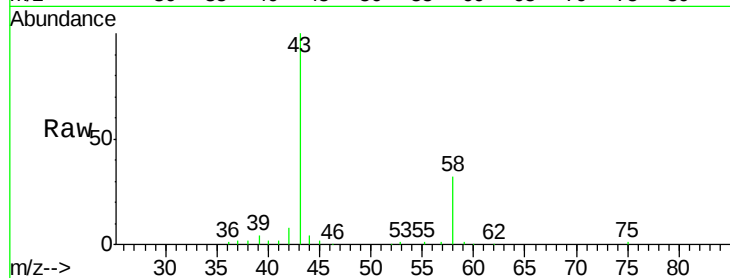
0236-COMP-CS-1-ELTRT-DISS

Tgt Ion: 43 Resp: 31259

Ion Ratio Lower Upper

43 100

58 31.6 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

20000

15000

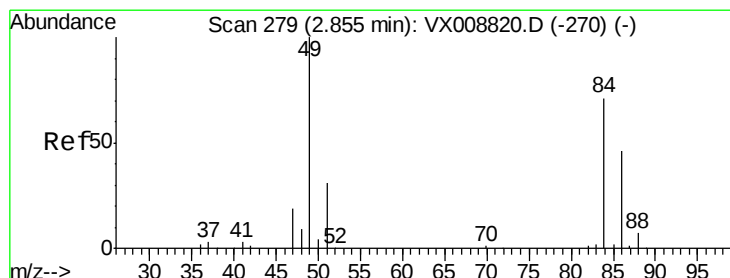
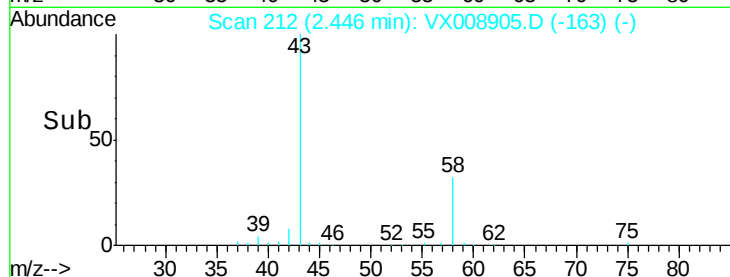
10000

5000

0

Time-->

2.40 2.50 2.60



#20

Methylene Chloride

Concen: 4.417 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX008905.D

Acq: 12 Apr 2019 23:18

Tgt Ion: 84 Resp: 11652

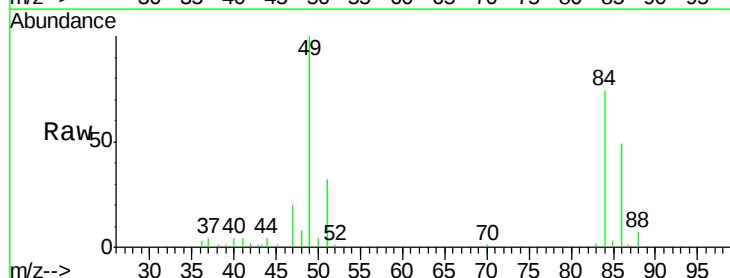
Ion Ratio Lower Upper

84 100

49 134.4 109.7 164.5

51 43.6 33.6 50.4

86 66.1 51.4 77.2



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

12000

10000

8000

6000

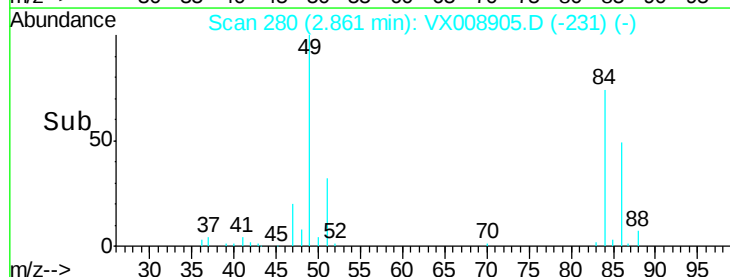
4000

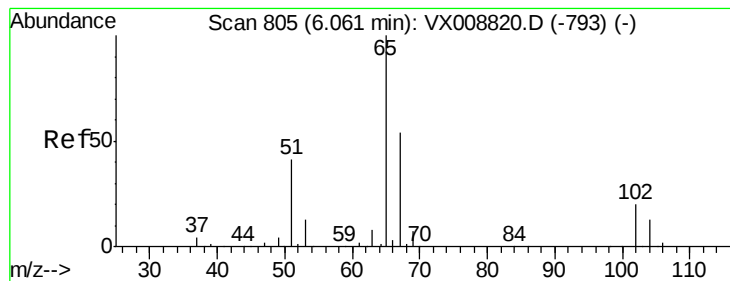
2000

0

Time-->

2.80 2.85 2.90 2.95





#33

1,2-Dichloroethane-d4

Concen: 45.579 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008905.D

Acq: 12 Apr 2019 23:18

Instrument :

MSVOA_X

ClientSampleId :

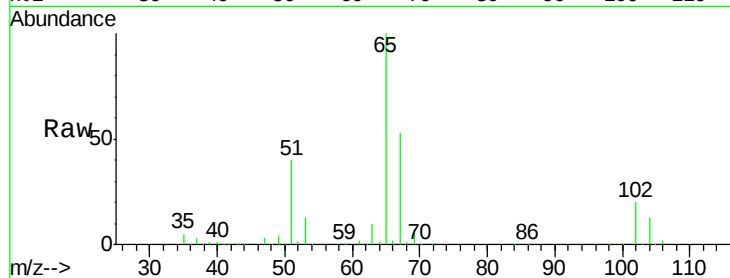
0236-COMP-CS-1-ELTRT-DISS

Tgt Ion: 65 Resp: 124721

Ion Ratio Lower Upper

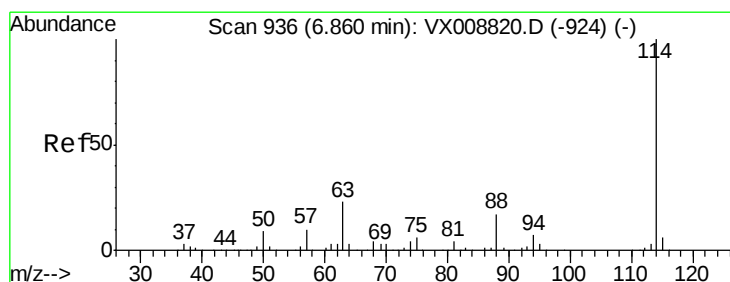
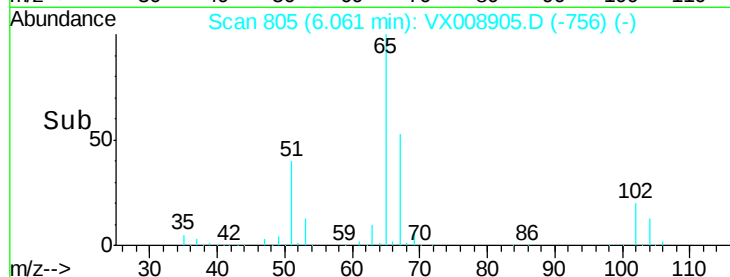
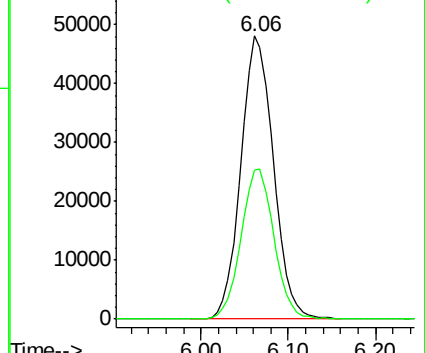
65 100

67 53.7 0.0 107.2



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008905.D

Acq: 12 Apr 2019 23:18

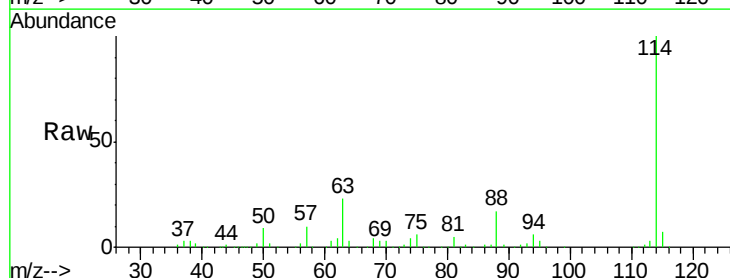
Tgt Ion: 114 Resp: 301073

Ion Ratio Lower Upper

114 100

63 23.0 0.0 47.2

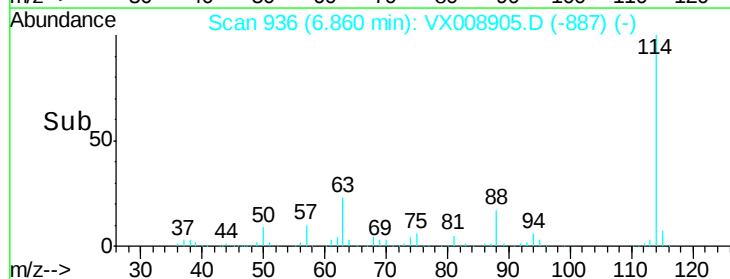
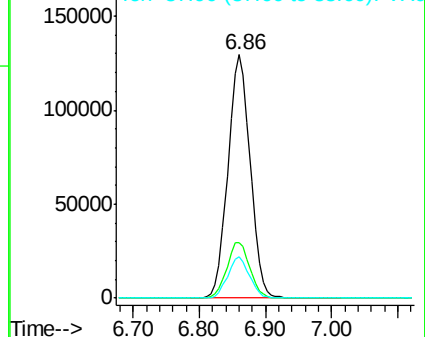
88 17.1 0.0 34.0

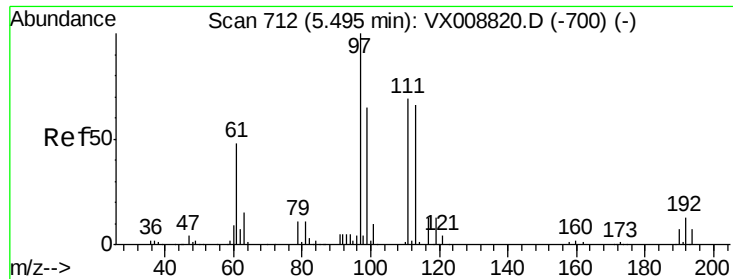


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

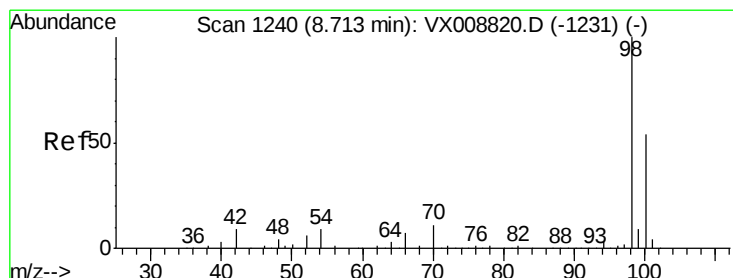
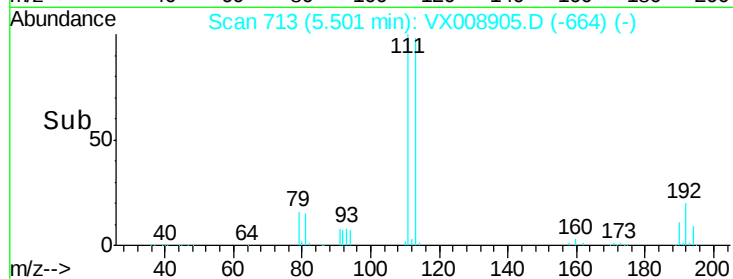
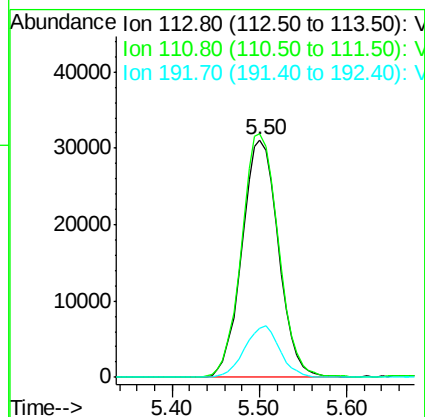
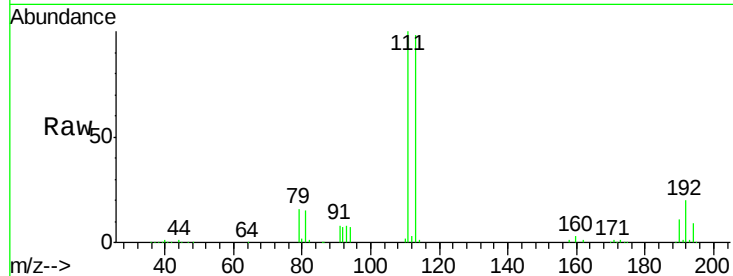




#35
 Dibromofluoromethane
 Concen: 46.814 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008905.D
 Acq: 12 Apr 2019 23:18

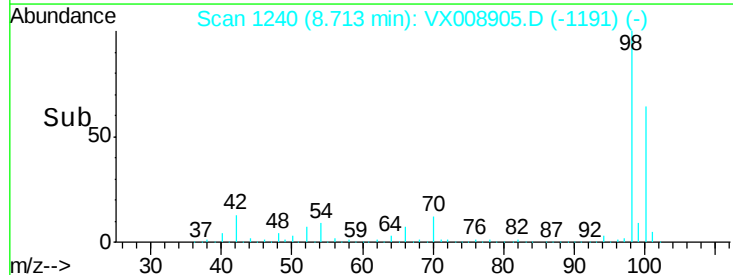
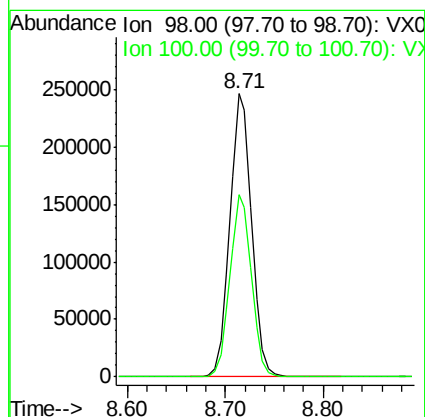
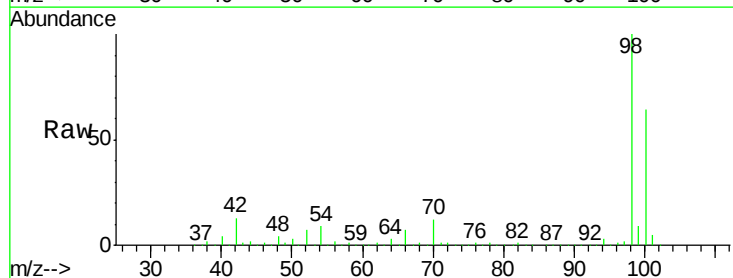
Instrument :
 MSVOA_X
 ClientSampleId :
 0236-COMP-CS-1-ELTRT-DISS

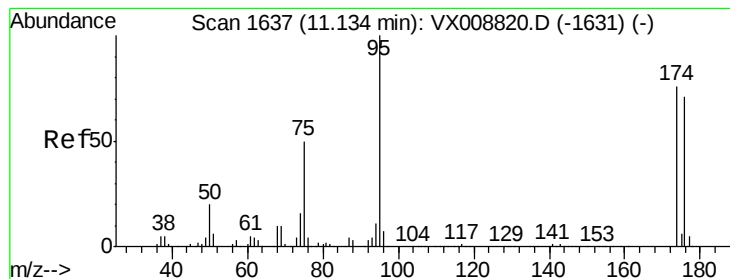
Tgt Ion:113 Resp: 90115
 Ion Ratio Lower Upper
 113 100
 111 103.9 83.4 125.2
 192 20.9 16.1 24.1



#50
 Toluene-d8
 Concen: 49.301 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008905.D
 Acq: 12 Apr 2019 23:18

Tgt Ion: 98 Resp: 377870
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 45.874 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008905.D

Acq: 12 Apr 2019 23:18

Instrument :

MSVOA_X

ClientSampleId :

0236-COMP-CS-1-ELTRT-DISS

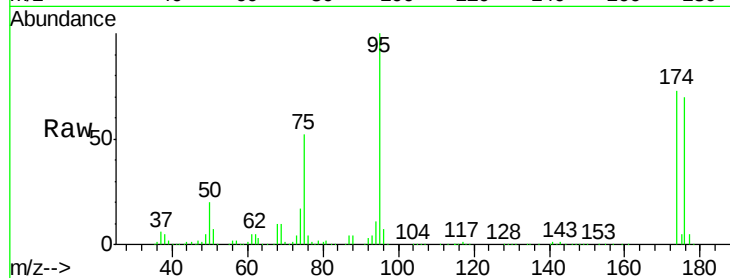
Tgt Ion: 95 Resp: 124684

Ion Ratio Lower Upper

95 100

174 79.1 0.0 151.8

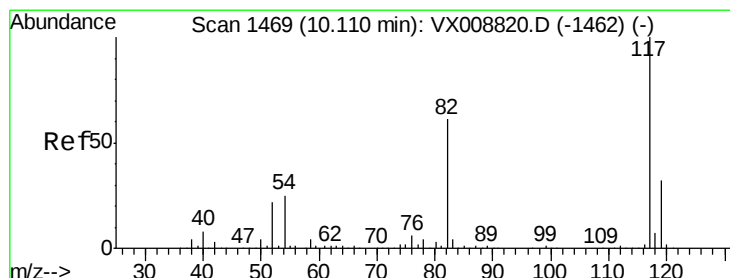
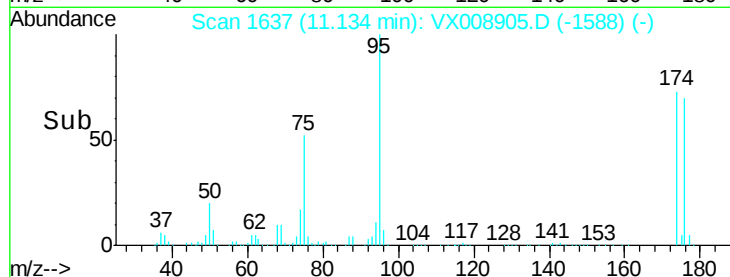
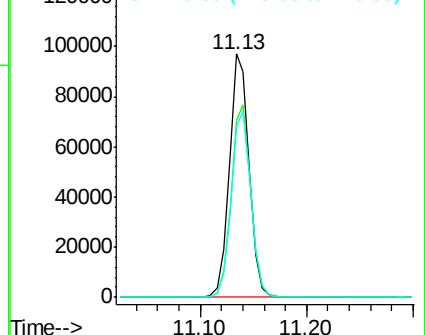
176 76.7 0.0 145.8



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: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX008905.D

Acq: 12 Apr 2019 23:18

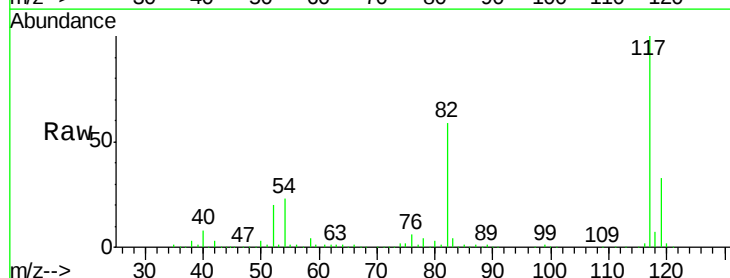
Tgt Ion: 117 Resp: 260543

Ion Ratio Lower Upper

117 100

82 58.6 49.6 74.4

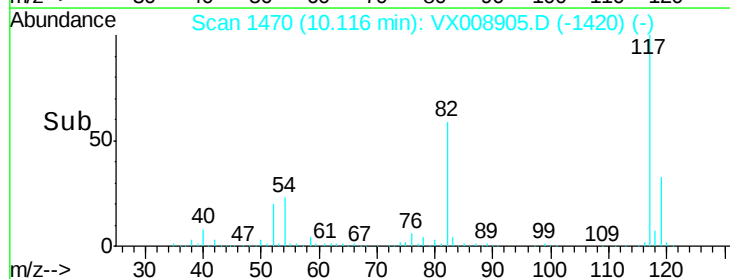
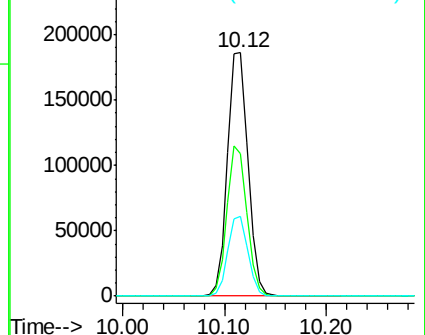
119 32.9 25.0 37.4

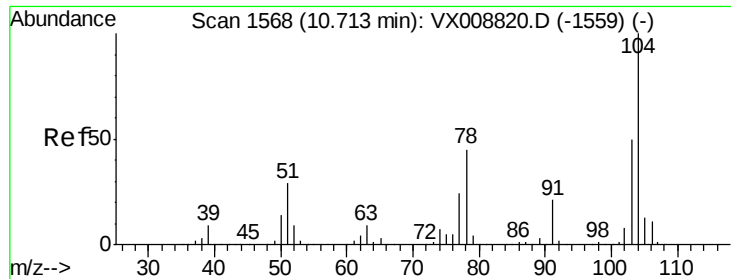


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

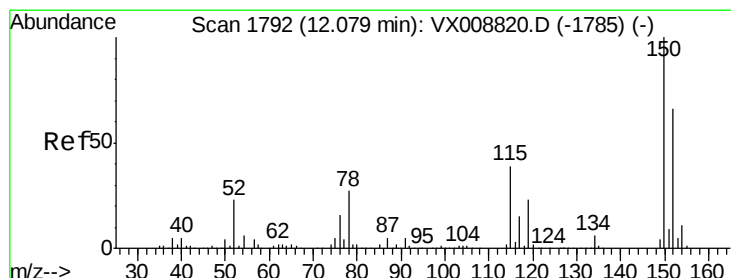
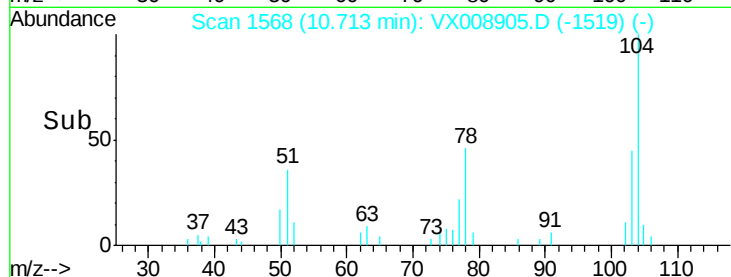
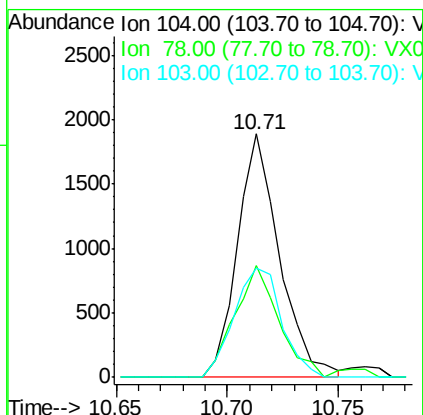
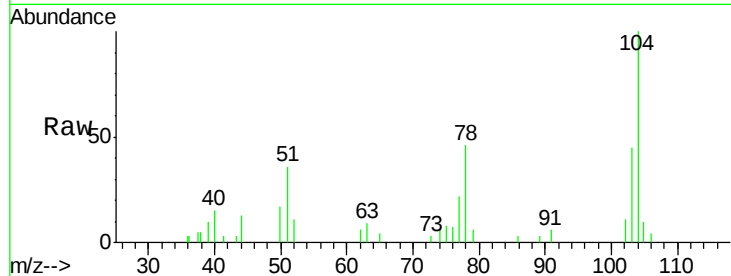




#70
Styrene
Concen: 0.384 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008905.D
Acq: 12 Apr 2019 23:18

Instrument :
MSVOA_X
ClientSampleId :
0236-COMP-CS-1-ELTRT-DISS

Tgt Ion:104 Resp: 2483
Ion Ratio Lower Upper
104 100
78 48.1 42.3 63.5
103 50.9 44.4 66.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008905.D
Acq: 12 Apr 2019 23:18

Tgt Ion:152 Resp: 110865
Ion Ratio Lower Upper
152 100
115 58.7 43.5 130.5
150 156.0 0.0 348.8

