

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041219\
 Data File : VX008906.D
 Acq On : 12 Apr 2019 23:41
 Operator : JC/SP
 Sample : K2311-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 0239-COMP-CS-4-ELTRT-DISS

Quant Time: Apr 13 06:28:20 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

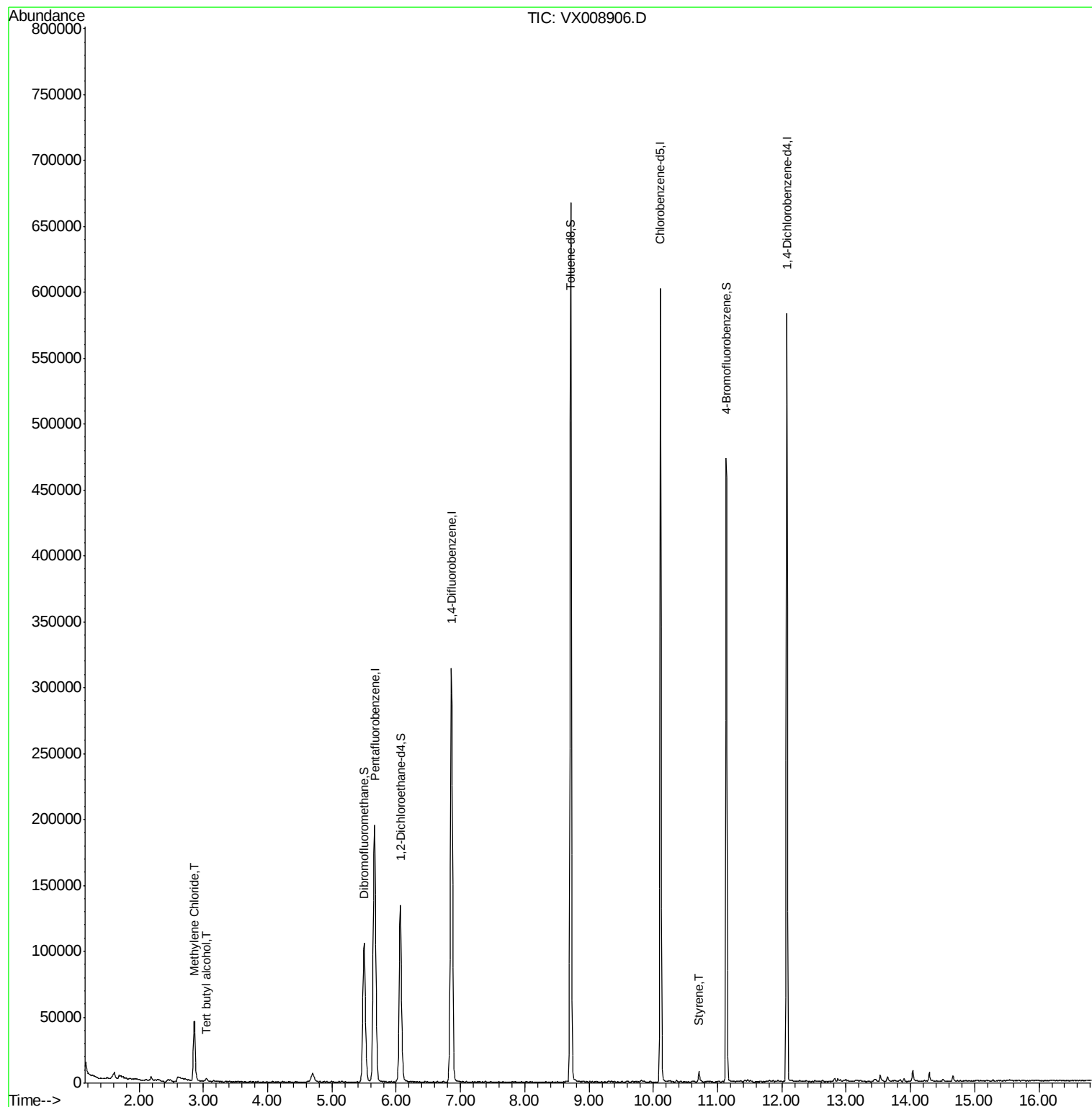
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	187964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	304274	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112322	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	126322	46.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.16%	
35) Dibromofluoromethane	5.50	113	90704	46.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.24%	
50) Toluene-d8	8.71	98	378450	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	11.13	95	126650	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
Target Compounds						
11) Tert butyl alcohol	3.05	59	2463	3.837	ug/l	97
20) Methylene Chloride	2.85	84	21073	7.973	ug/l	95
70) Styrene	10.71	104	2923	0.446	ug/l	96

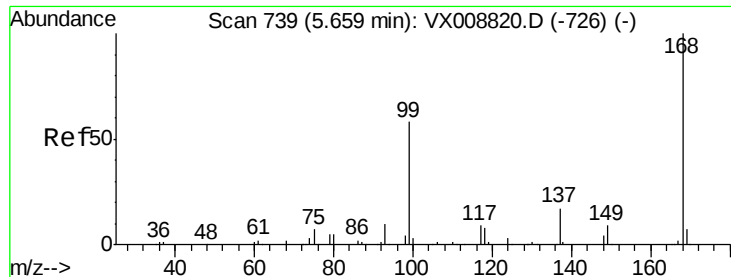
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
0239-COMP-CS-4-ELTRT-DISS

Quant Time: Apr 13 06:28:20 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: VX008906.D

Acq: 12 Apr 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

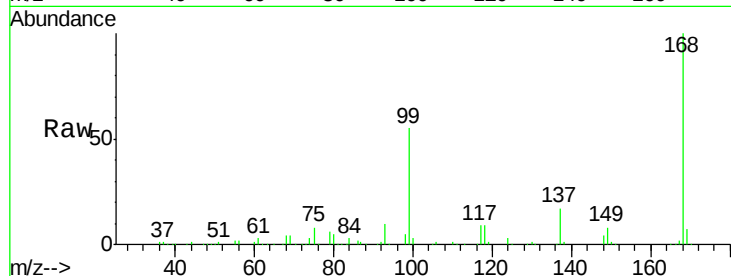
0239-COMP-CS-4-ELTRT-DISS

Tgt Ion:168 Resp: 187964

Ion Ratio Lower Upper

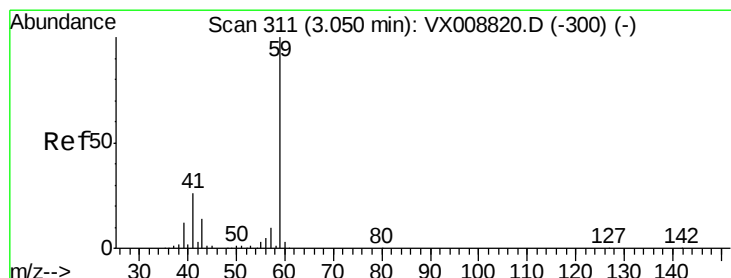
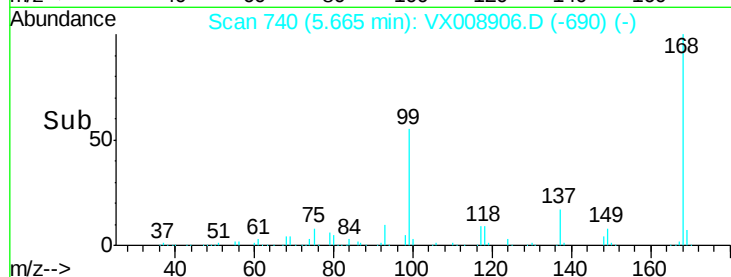
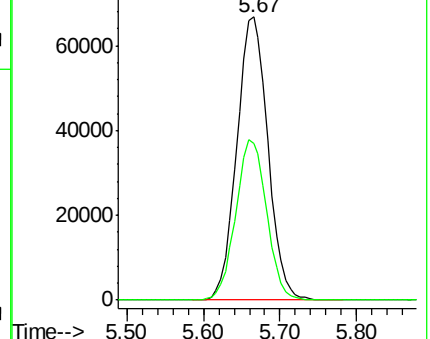
168 100

99 55.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 3.837 ug/l

RT: 3.05 min Scan# 311

Delta R.T. -0.01 min

Lab File: VX008906.D

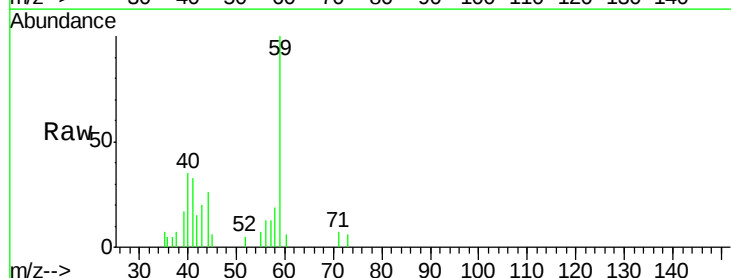
Acq: 12 Apr 2019 23:41

Tgt Ion: 59 Resp: 2463

Ion Ratio Lower Upper

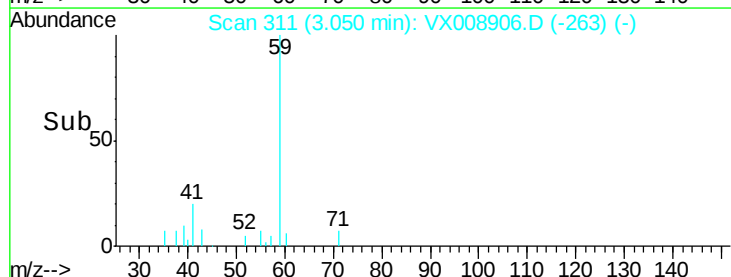
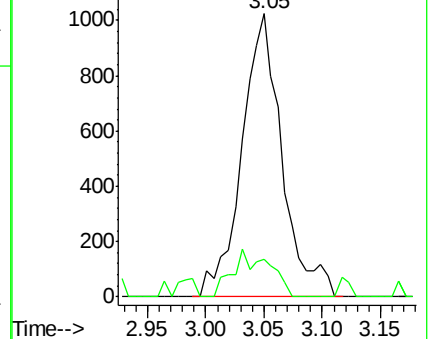
59 100

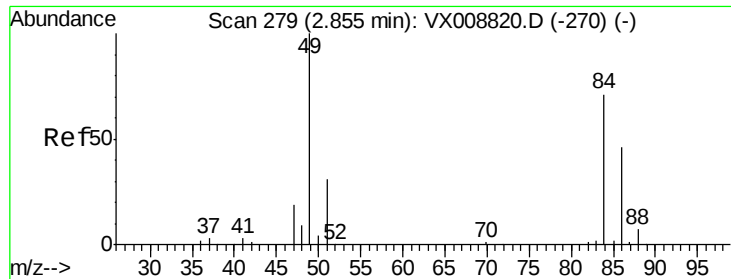
57 9.3 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

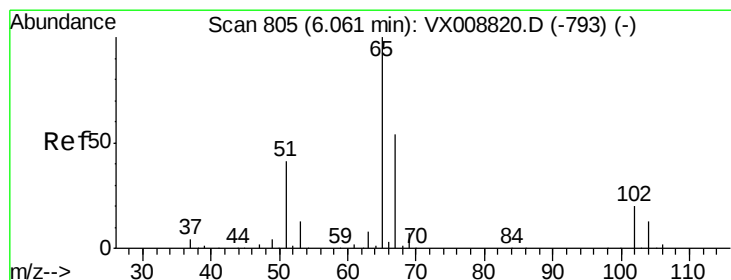
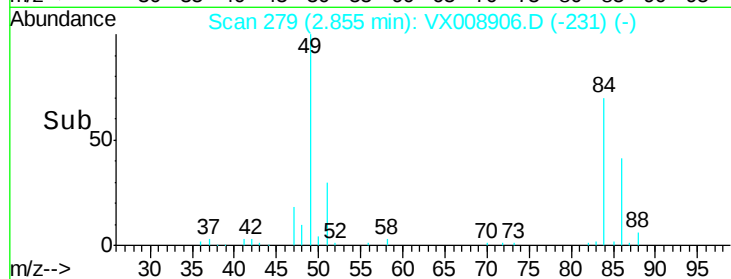
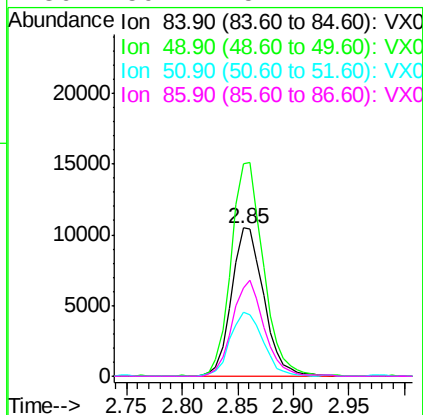
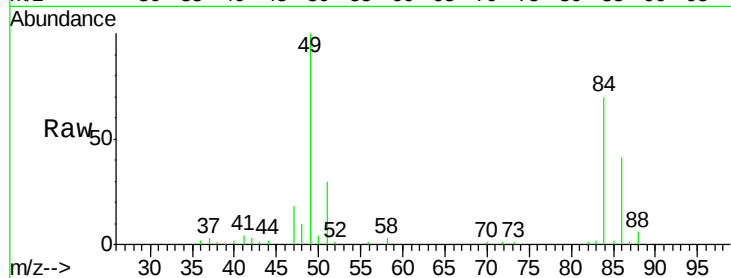




#20
Methylene Chloride
Concen: 7.973 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008906.D
Acq: 12 Apr 2019 23:41

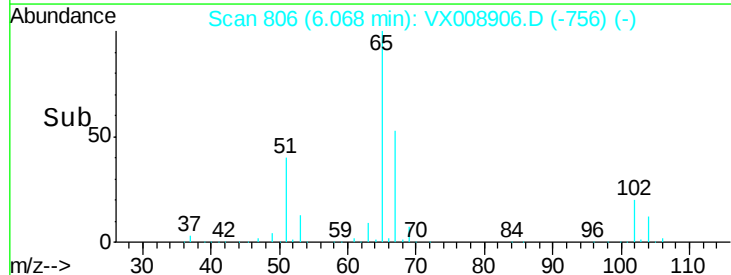
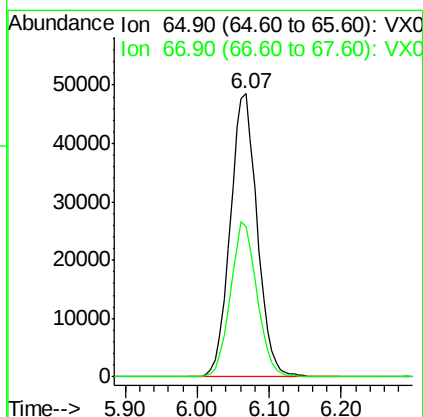
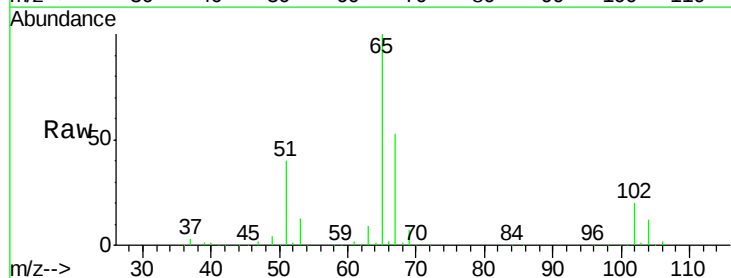
Instrument :
MSVOA_X
ClientSampleId :
0239-COMP-CS-4-ELTRT-DISS

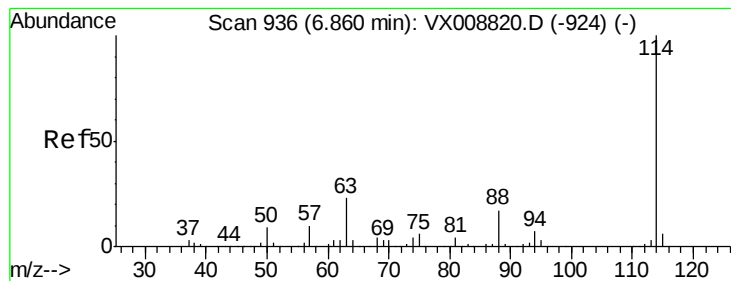
Tgt Ion: 84 Resp: 21073
Ion Ratio Lower Upper
84 100
49 143.3 109.7 164.5
51 43.4 33.6 50.4
86 59.4 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 46.077 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX008906.D
Acq: 12 Apr 2019 23:41

Tgt Ion: 65 Resp: 126322
Ion Ratio Lower Upper
65 100
67 53.7 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008906.D

Acq: 12 Apr 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

0239-COMP-CS-4-ELTRT-DISS

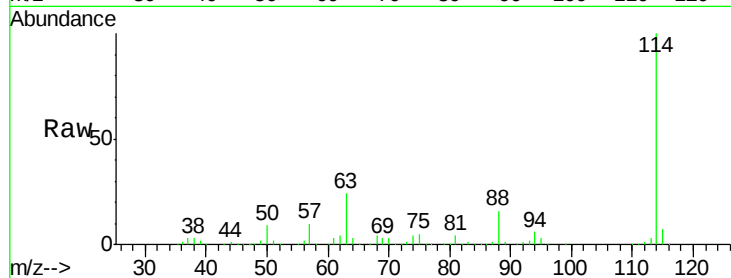
Tgt Ion:114 Resp: 304274

Ion Ratio Lower Upper

114 100

63 23.6 0.0 47.2

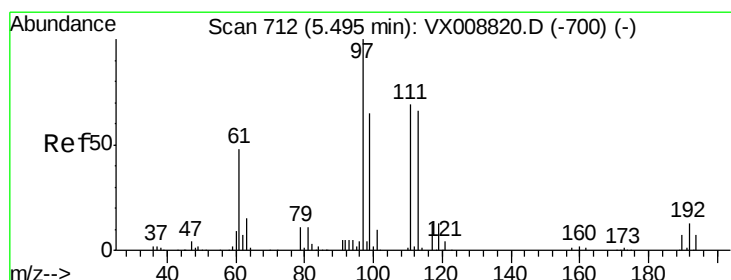
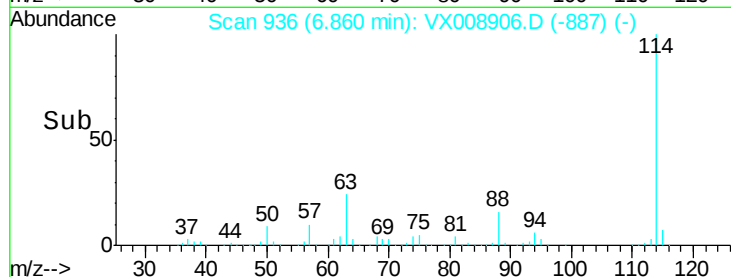
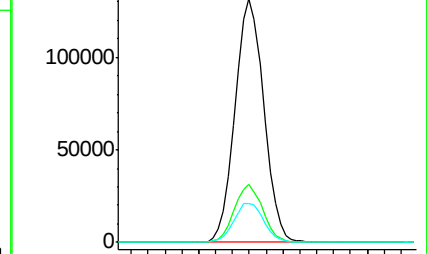
88 16.0 0.0 34.0



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: 46.625 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008906.D

Acq: 12 Apr 2019 23:41

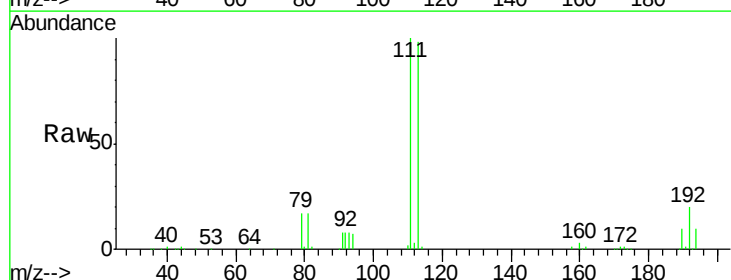
Tgt Ion:113 Resp: 90704

Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.2

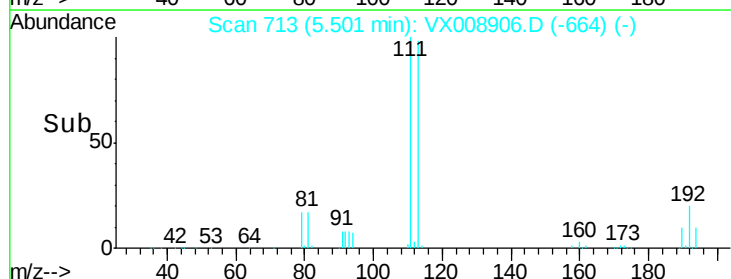
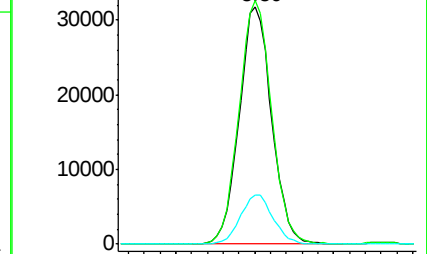
192 21.0 16.1 24.1

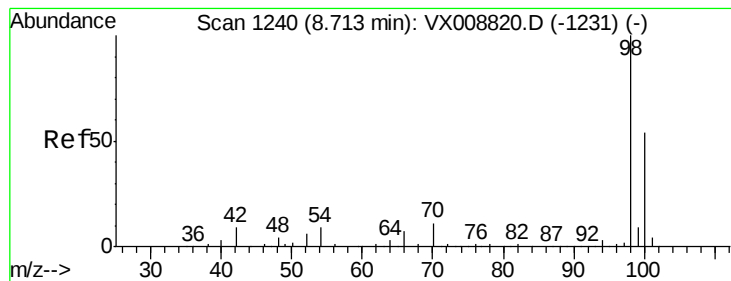


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.857 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008906.D

Acq: 12 Apr 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

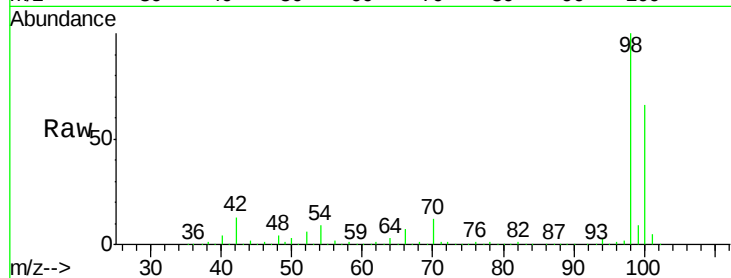
0239-COMP-CS-4-ELTRT-DISS

Tgt Ion: 98 Resp: 378450

Ion Ratio Lower Upper

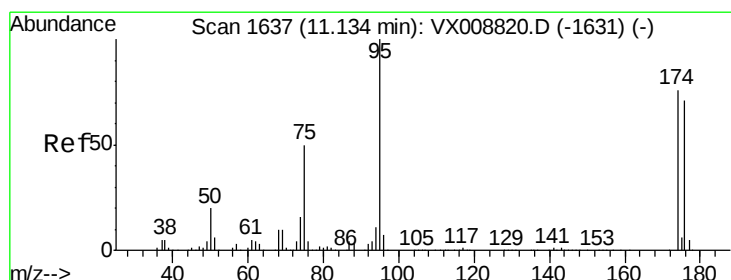
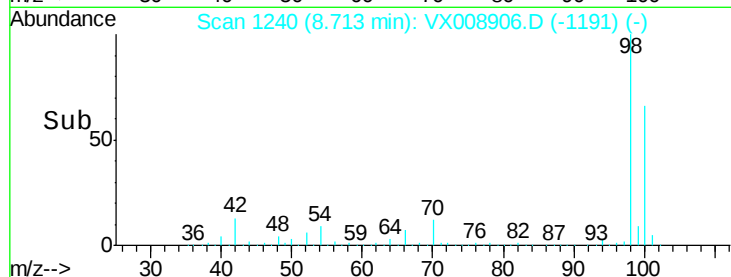
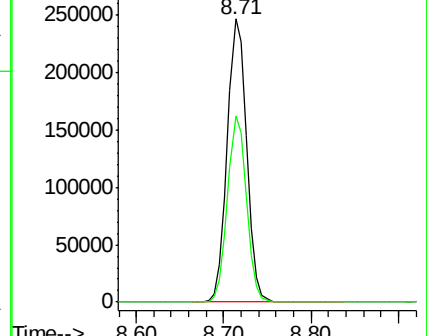
98 100

100 64.4 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 46.107 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008906.D

Acq: 12 Apr 2019 23:41

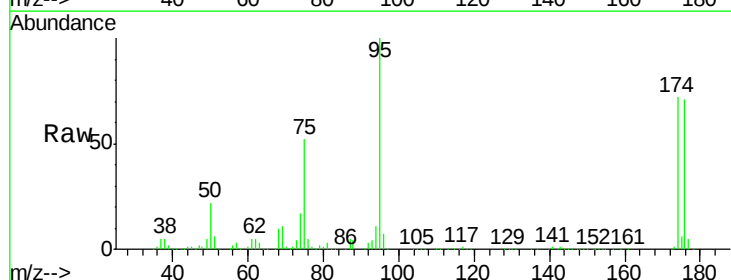
Tgt Ion: 95 Resp: 126650

Ion Ratio Lower Upper

95 100

174 78.9 0.0 151.8

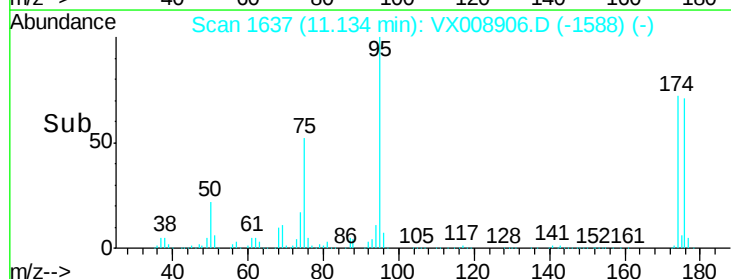
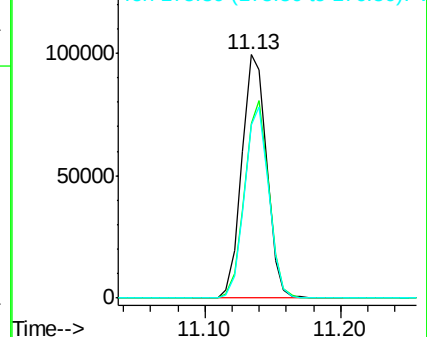
176 76.5 0.0 145.8

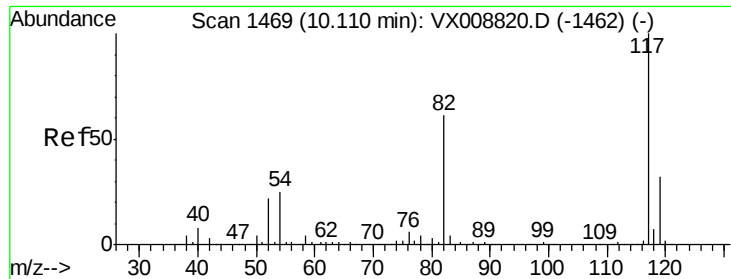


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

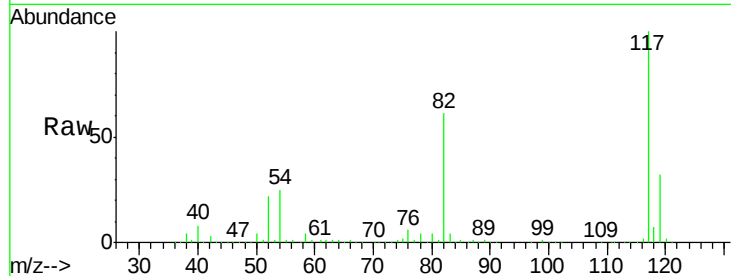




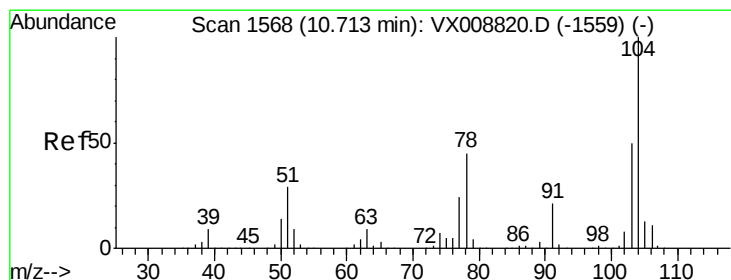
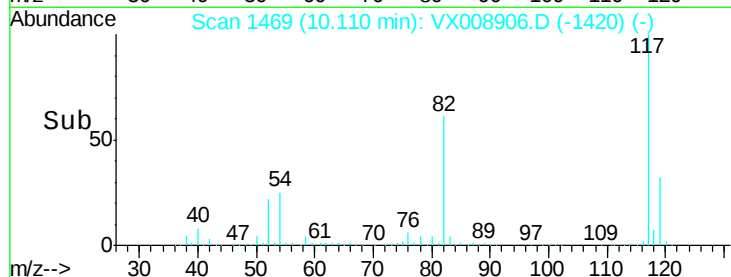
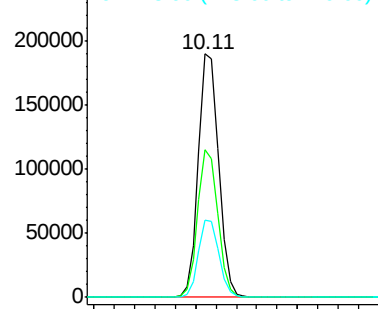
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008906.D
Acq: 12 Apr 2019 23:41

Instrument :
MSVOA_X
ClientSampleId :
0239-COMP-CS-4-ELTRT-DISS

Tgt Ion:117 Resp: 263720
Ion Ratio Lower Upper
117 100
82 60.8 49.6 74.4
119 31.6 25.0 37.4

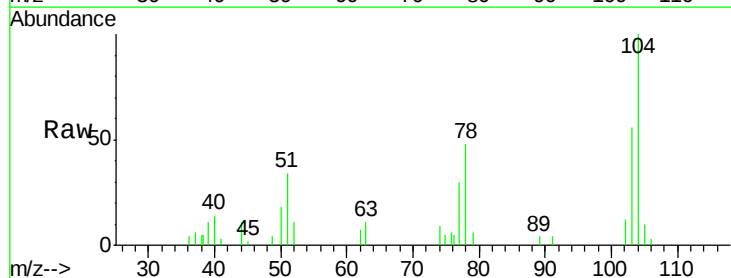


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

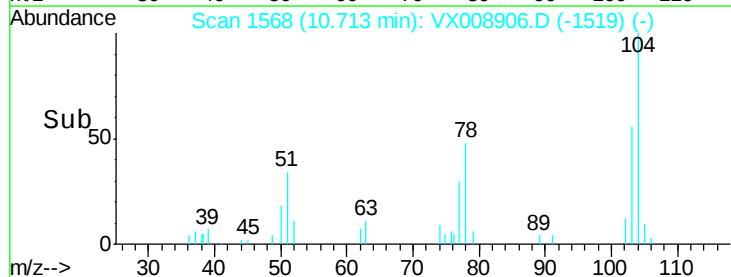
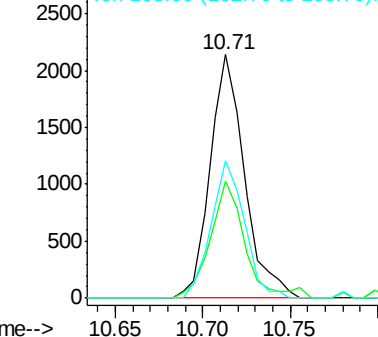


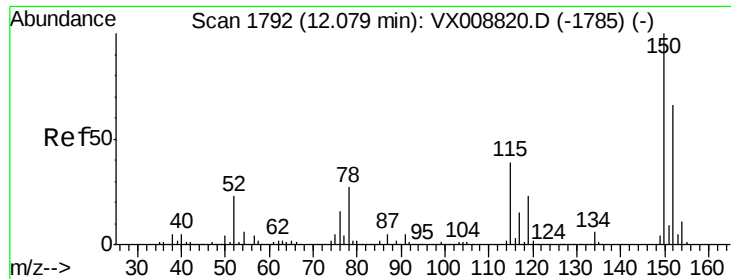
#70
Styrene
Concen: 0.446 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008906.D
Acq: 12 Apr 2019 23:41

Tgt Ion:104 Resp: 2923
Ion Ratio Lower Upper
104 100
78 48.3 42.3 63.5
103 54.7 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX008906.D
 Acq: 12 Apr 2019 23:41

Instrument :
 MSVOA_X
 ClientSampleId :
 0239-COMP-CS-4-ELTRT-DISS

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	43.5	130.5
150	157.3	0.0	348.8

