

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041219\
 Data File : VX008908.D
 Acq On : 13 Apr 2019 00:28
 Operator : JC/SP
 Sample : K2311-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 0237-COMP-CS-2-ELTRT-DISS

Quant Time: Apr 13 06:33:02 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

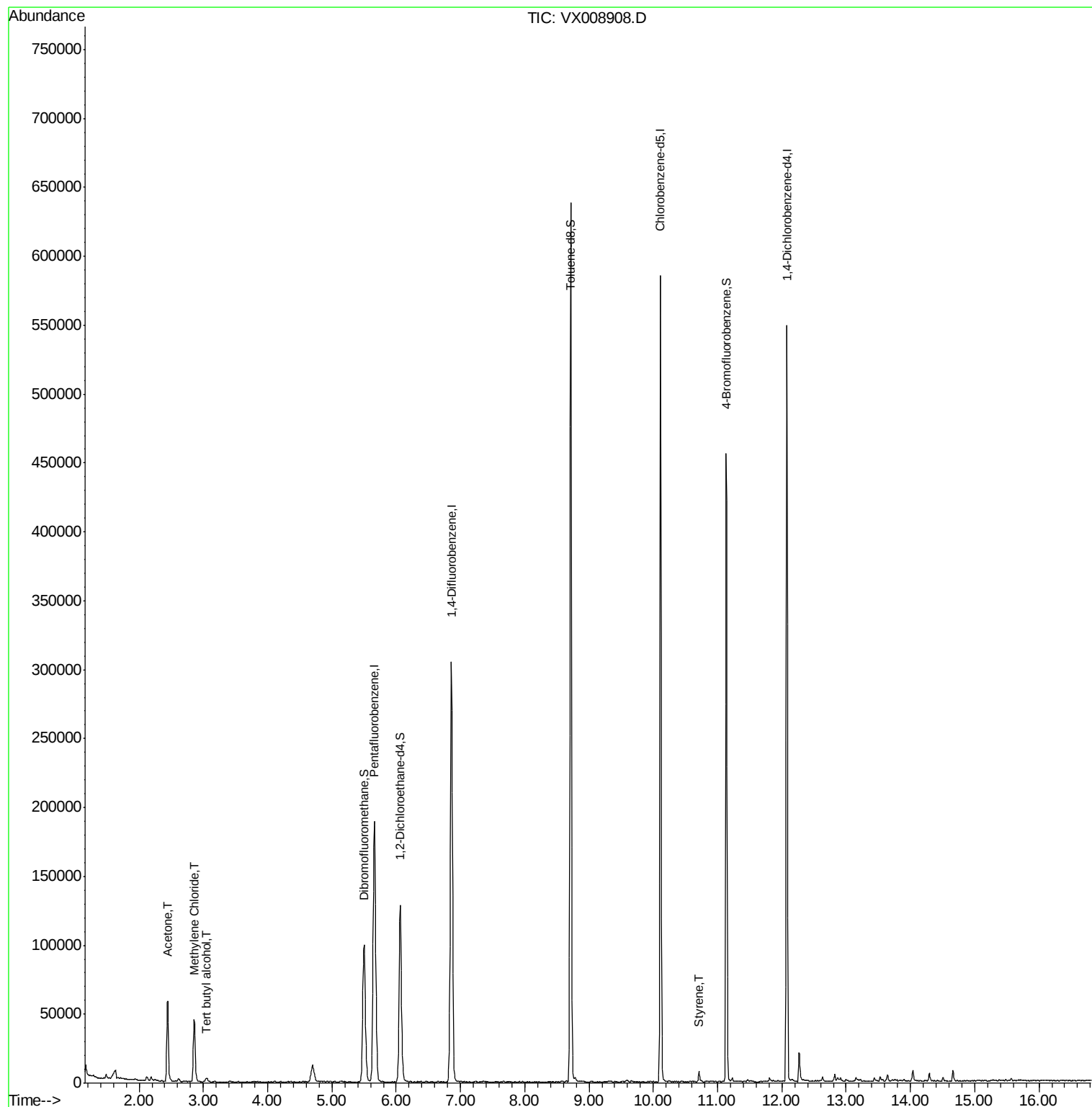
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	180182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	293769	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	255030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	106858	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	121576	46.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.52%	
35) Dibromofluoromethane	5.50	113	87216	46.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.86%	
50) Toluene-d8	8.71	98	366610	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
62) 4-Bromofluorobenzene	11.13	95	120516	45.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.88%	
Target Compounds						
11) Tert butyl alcohol	3.05	59	3538	5.750	ug/l #	94
16) Acetone	2.45	43	65323	43.155	ug/l	99
20) Methylene Chloride	2.85	84	20971	8.277	ug/l	95
70) Styrene	10.71	104	3039	0.480	ug/l #	86

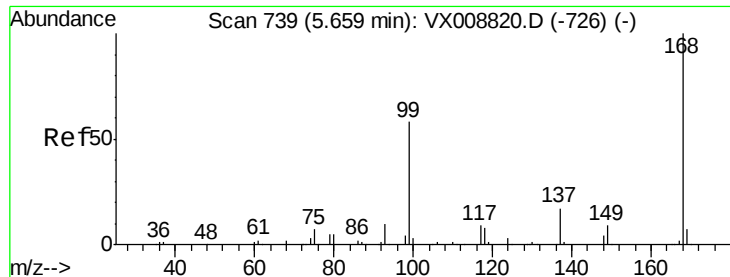
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008908.D

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Instrument :

MSVOA_X

ClientSampleId :

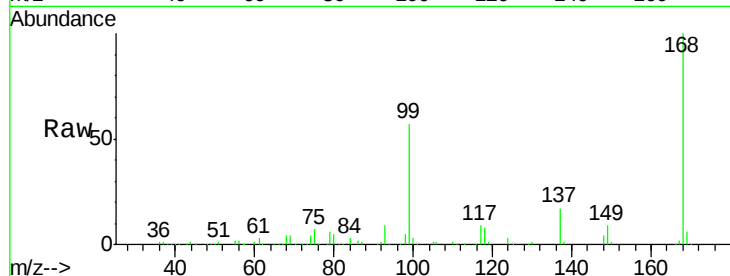
0237-COMP-CS-2-ELTRT-DISS

Tgt Ion:168 Resp: 180182

Ion Ratio Lower Upper

168 100

99 56.5 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

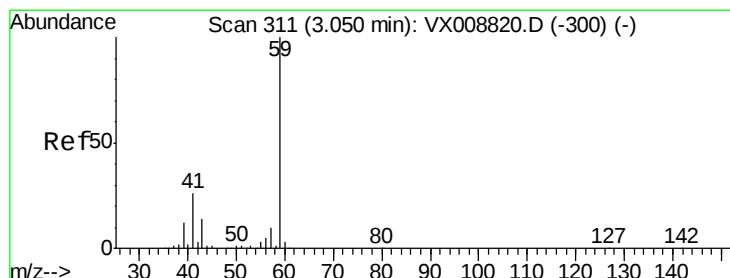
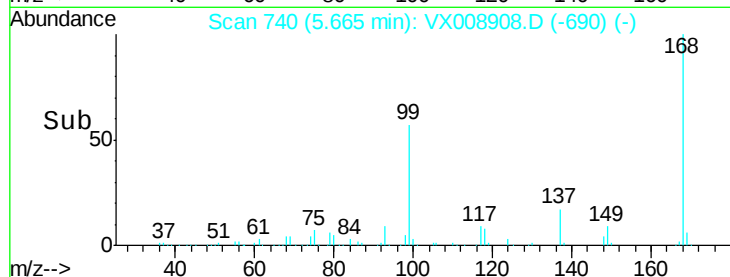
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 5.750 ug/l

RT: 3.05 min Scan# 311

Delta R.T. -0.01 min

Lab File: VX008908.D

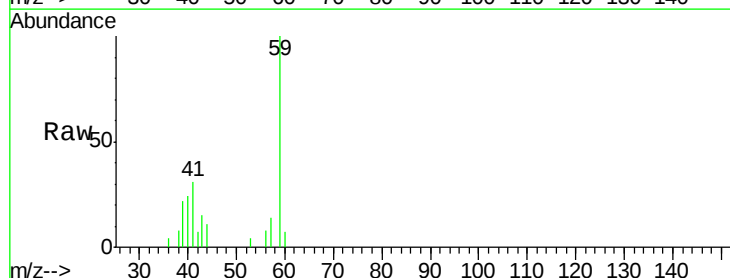
Acq: 13 Apr 2019 00:28

Tgt Ion: 59 Resp: 3538

Ion Ratio Lower Upper

59 100

57 12.5 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

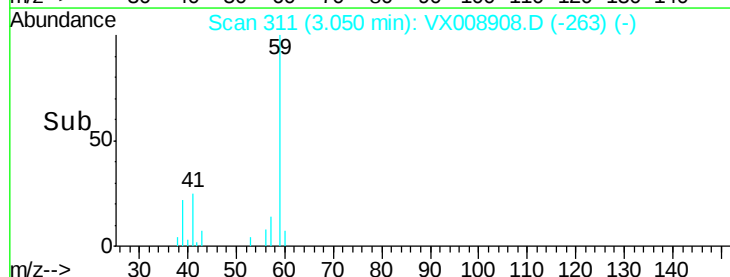
1500

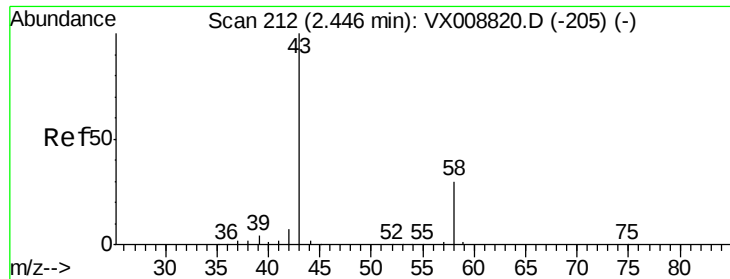
1000

500

0

Time--> 2.95 3.00 3.05 3.10





#16

Acetone

Concen: 43.155 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008908.D

Acq: 13 Apr 2019 00:28

Instrument :

MSVOA_X

ClientSampleId :

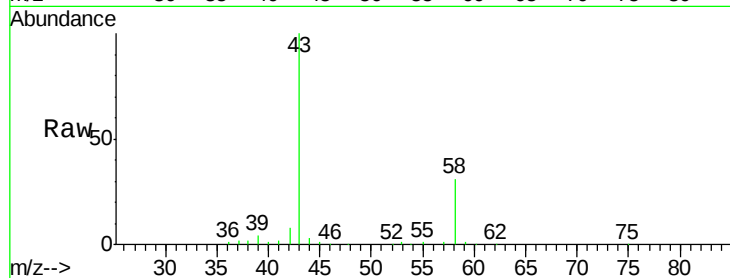
0237-COMP-CS-2-ELTRT-DISS

Tgt Ion: 43 Resp: 65323

Ion Ratio Lower Upper

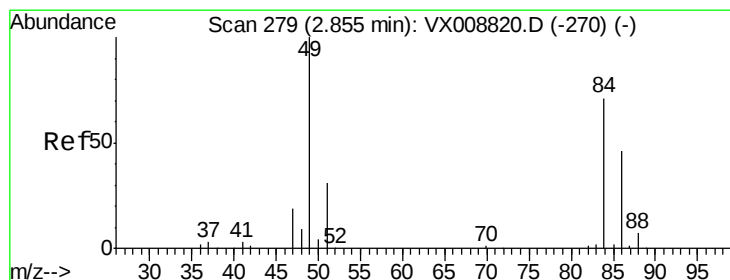
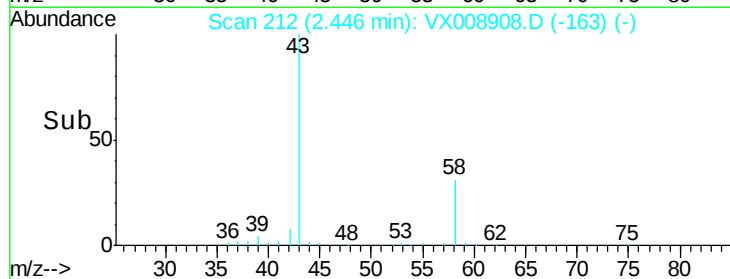
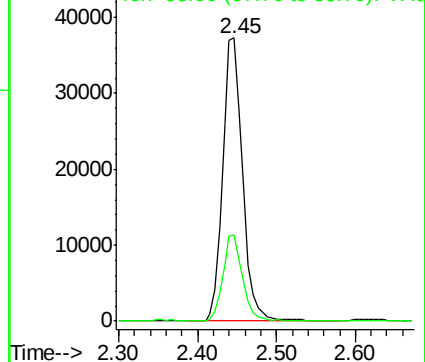
43 100

58 30.6 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: 8.277 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX008908.D

Acq: 13 Apr 2019 00:28

Tgt Ion: 84 Resp: 20971

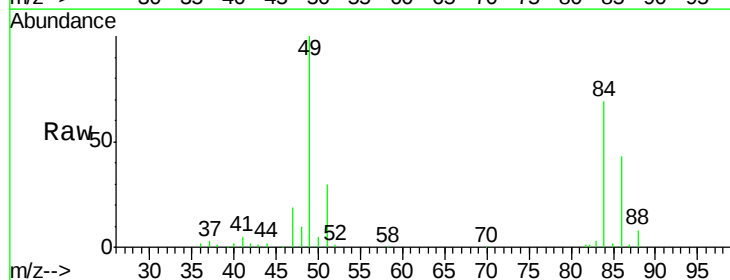
Ion Ratio Lower Upper

84 100

49 144.7 109.7 164.5

51 43.4 33.6 50.4

86 62.2 51.4 77.2

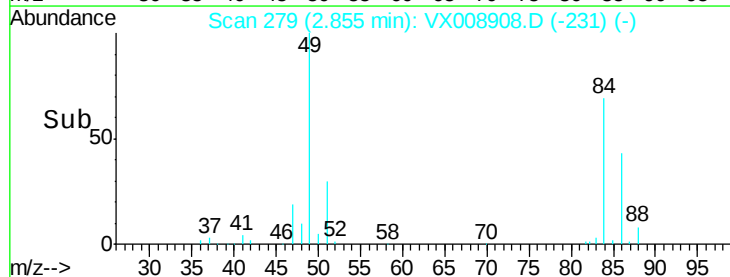
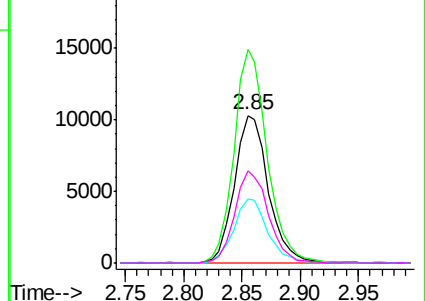


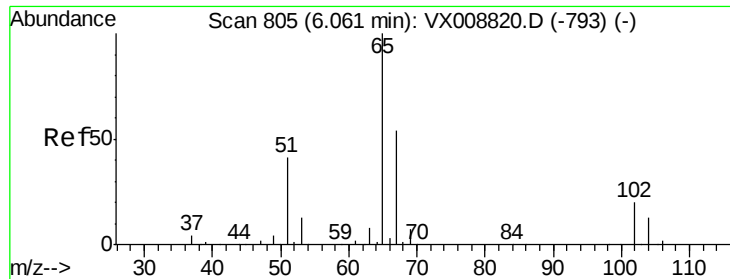
Abundance Ion 83.90 (83.60 to 84.60): VX0

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

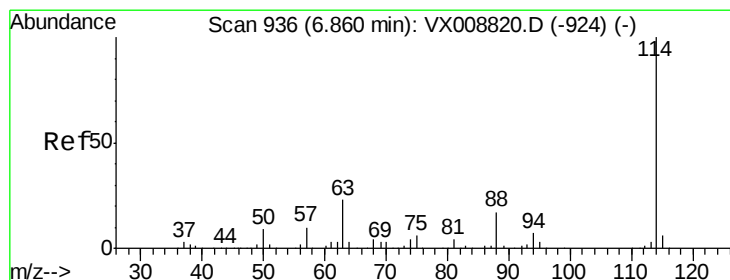
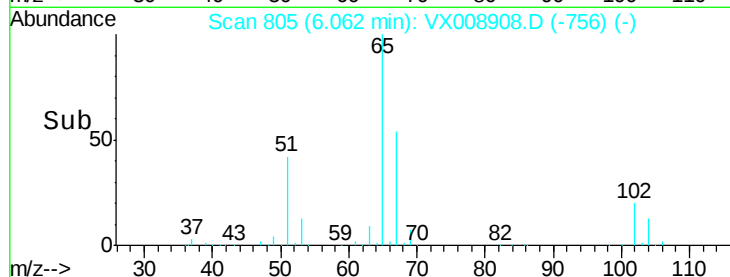
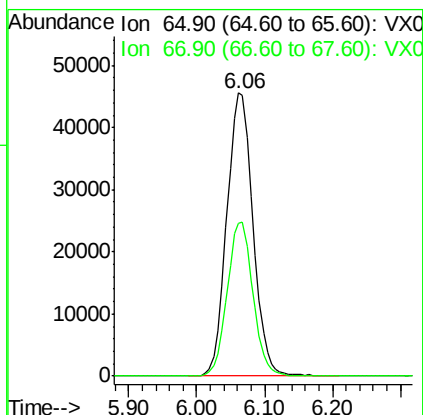
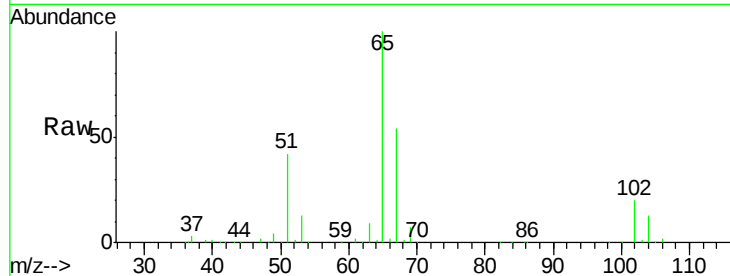




#33
 1,2-Dichloroethane-d4
 Concen: 46.261 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008908.D
 Acq: 13 Apr 2019 00:28

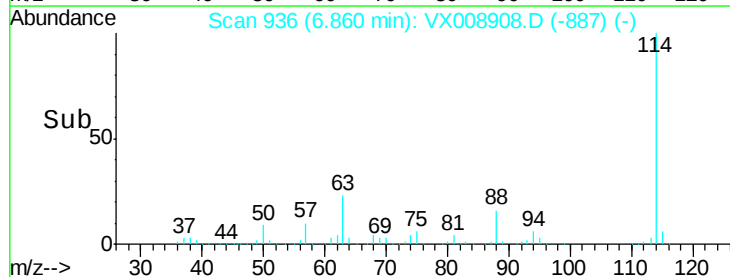
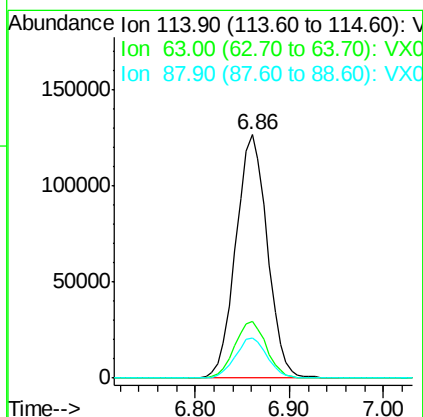
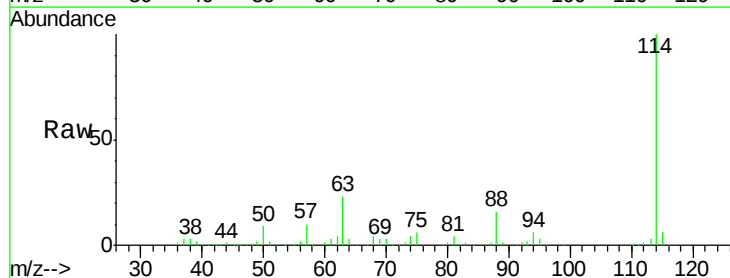
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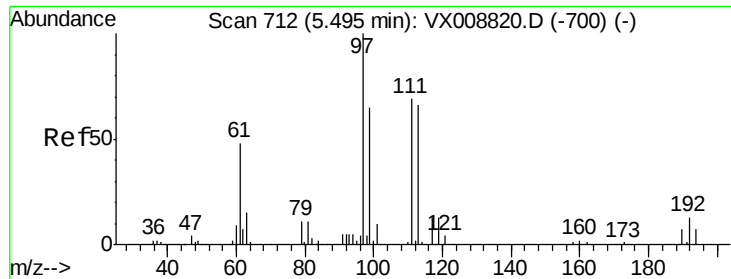
Tgt Ion: 65 Resp: 121576
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008908.D
 Acq: 13 Apr 2019 00:28

Tgt Ion: 114 Resp: 293769
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 47.2
 88 16.5 0.0 34.0

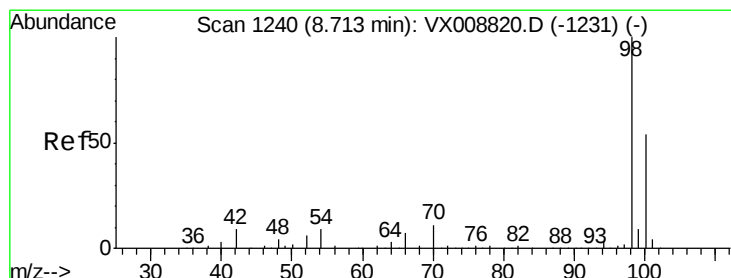
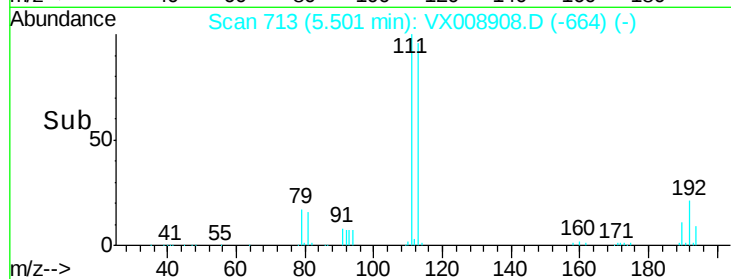
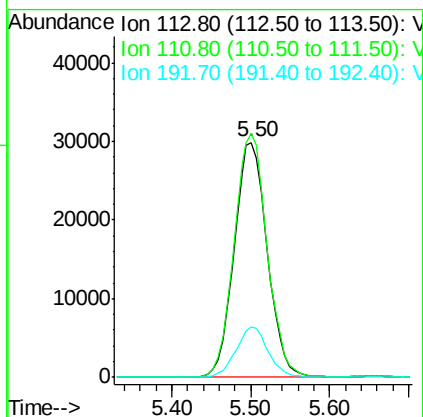
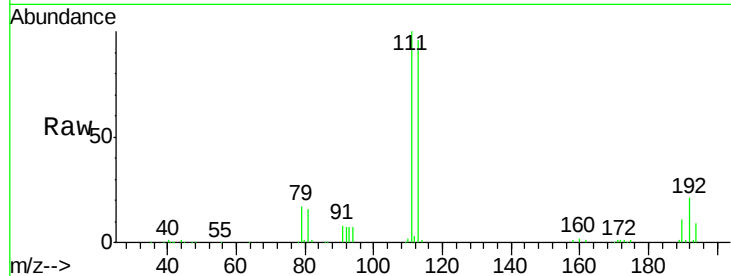




#35
 Dibromofluoromethane
 Concen: 46.435 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008908.D
 Acq: 13 Apr 2019 00:28

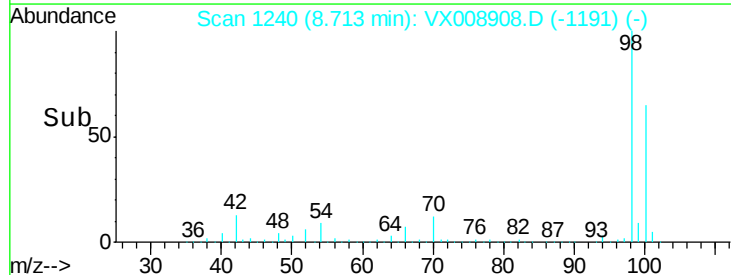
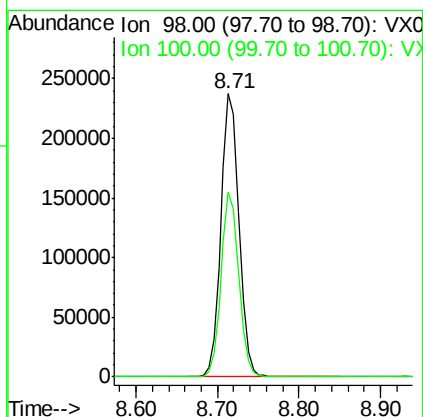
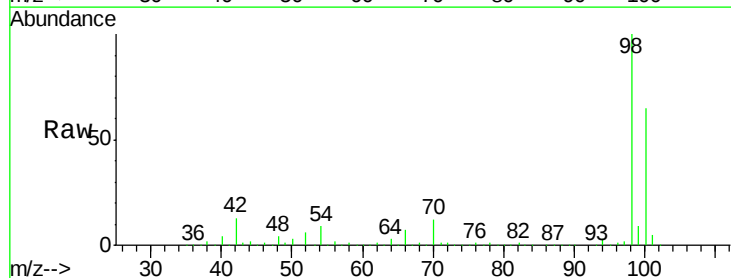
Instrument :
 MSVOA_X
 ClientSampleId :
 0237-COMP-CS-2-ELTRT-DISS

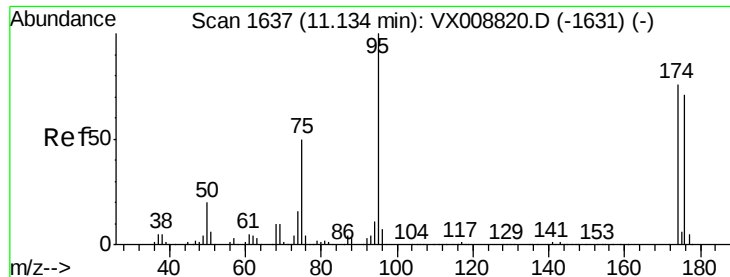
Tgt Ion:113 Resp: 87216
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.4 125.2
 192 20.8 16.1 24.1



#50
 Toluene-d8
 Concen: 49.021 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008908.D
 Acq: 13 Apr 2019 00:28

Tgt Ion: 98 Resp: 366610
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 45.442 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008908.D

Acq: 13 Apr 2019 00:28

Instrument :

MSVOA_X

ClientSampleId :

0237-COMP-CS-2-ELTRT-DISS

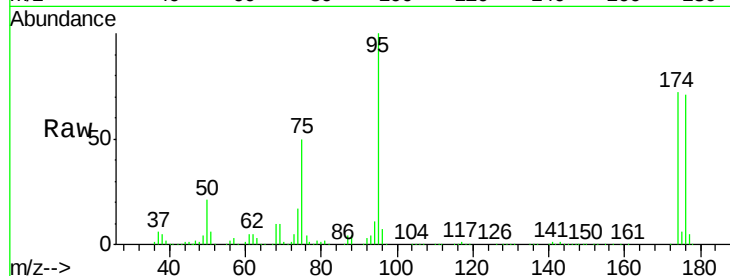
Tgt Ion: 95 Resp: 120516

Ion Ratio Lower Upper

95 100

174 79.0 0.0 151.8

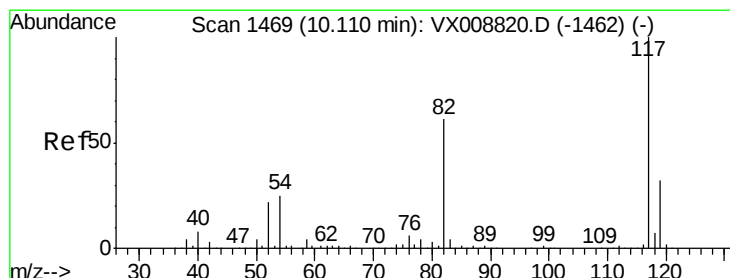
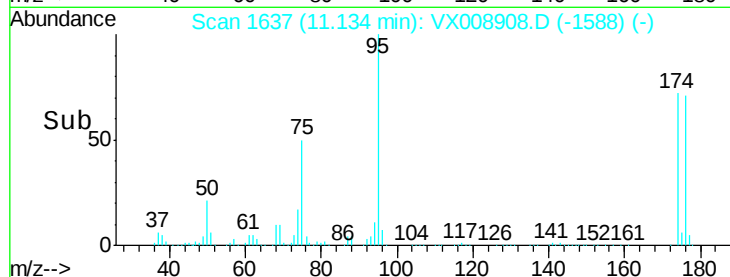
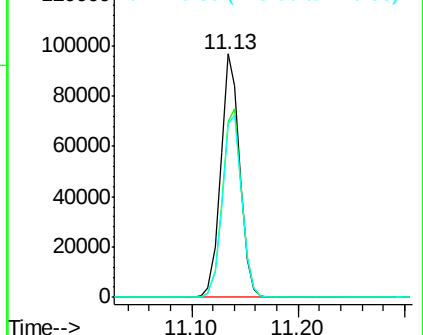
176 77.3 0.0 145.8



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: VX008908.D

Acq: 13 Apr 2019 00:28

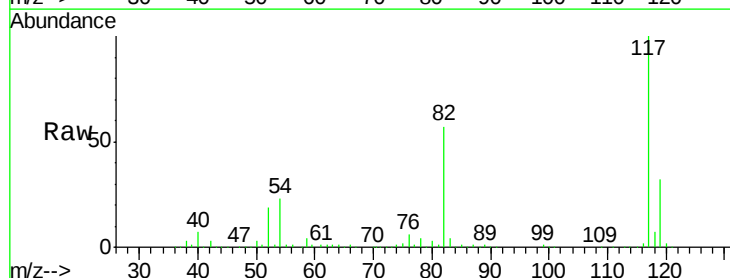
Tgt Ion: 117 Resp: 255030

Ion Ratio Lower Upper

117 100

82 57.2 49.6 74.4

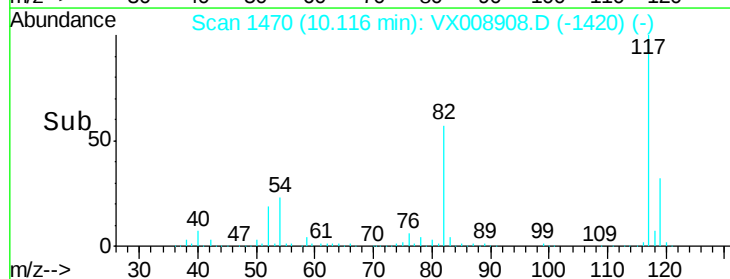
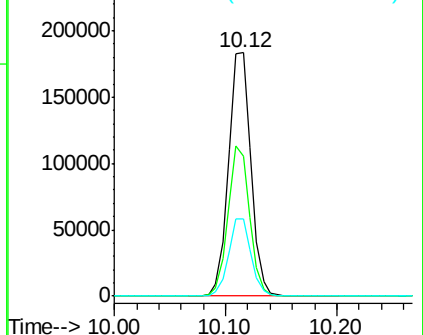
119 31.7 25.0 37.4

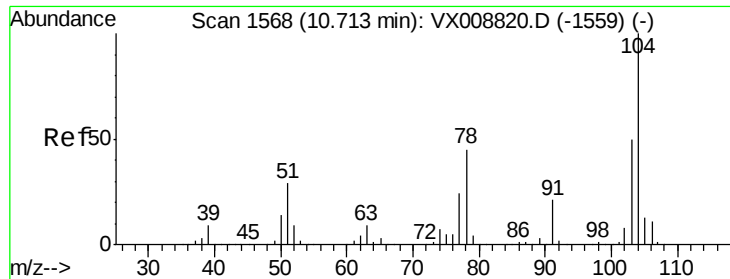


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

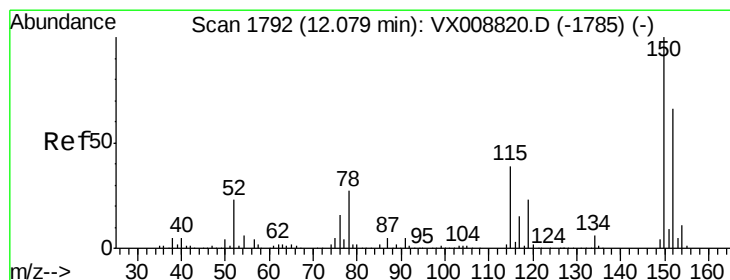
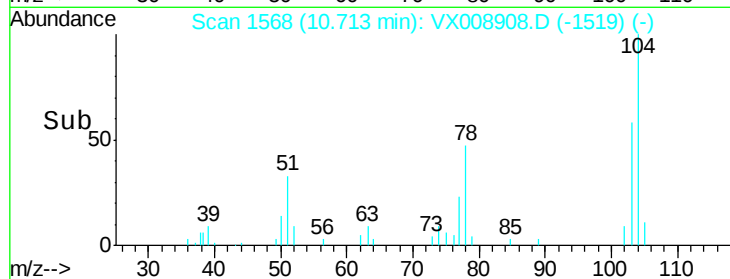
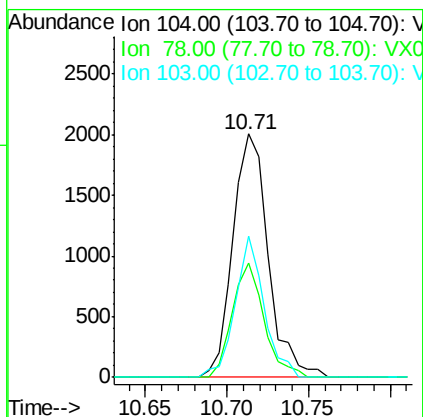
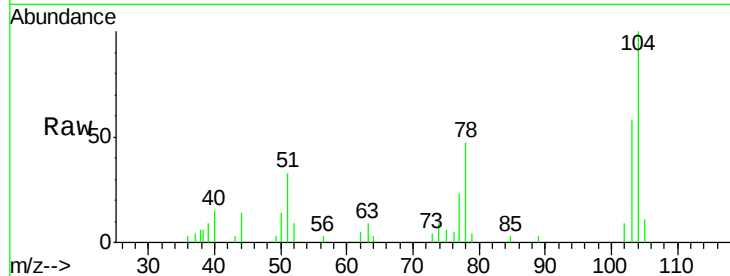




#70
Styrene
Concen: 0.480 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008908.D
Acq: 13 Apr 2019 00:28

Instrument :
MSVOA_X
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0237-COMP-CS-2-ELTRT-DISS

Tgt Ion:104 Resp: 3039
Ion Ratio Lower Upper
104 100
78 41.8 42.3 63.5#
103 46.8 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: VX008908.D
Acq: 13 Apr 2019 00:28

Tgt Ion:152 Resp: 106858
Ion Ratio Lower Upper
152 100
115 59.8 43.5 130.5
150 158.0 0.0 348.8

