

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041219\
 Data File : VX008909.D
 Acq On : 13 Apr 2019 00:52
 Operator : JC/SP
 Sample : K2311-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 0238-COMP-CS-3-ELTRT-DISS

Quant Time: Apr 13 06:35:22 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

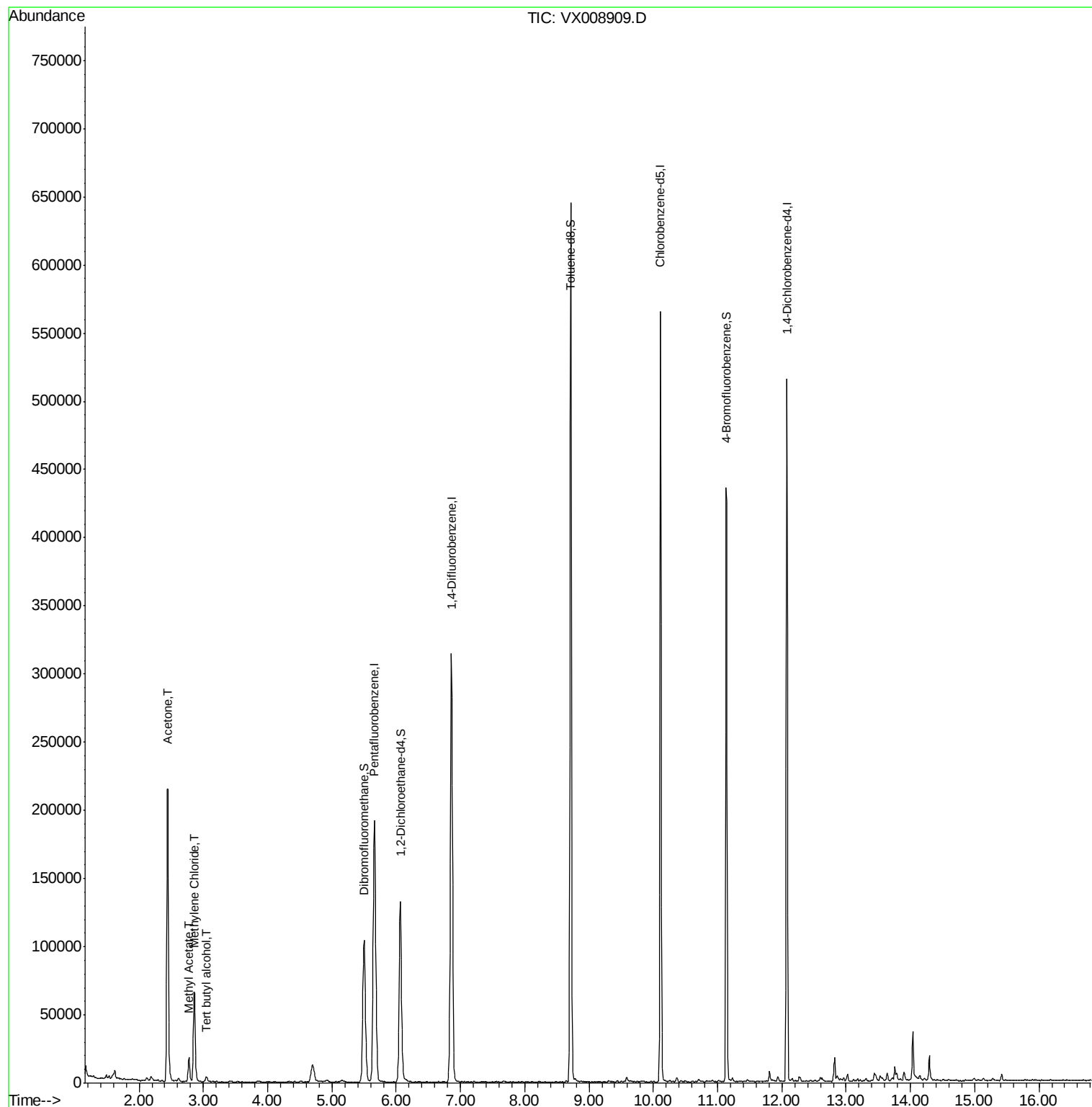
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	184326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	300522	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	251728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	101606	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	124892	46.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.90%	
35) Dibromofluoromethane	5.50	113	90596	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
50) Toluene-d8	8.71	98	370804	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
62) 4-Bromofluorobenzene	11.13	95	117524	43.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.64%	
Target Compounds						
11) Tert butyl alcohol	3.04	59	3941	6.261	ug/l #	91
16) Acetone	2.44	43	240481	155.300	ug/l	97
18) Methyl Acetate	2.78	43	21468	5.716	ug/l	98
20) Methylene Chloride	2.85	84	30624	11.815	ug/l	94

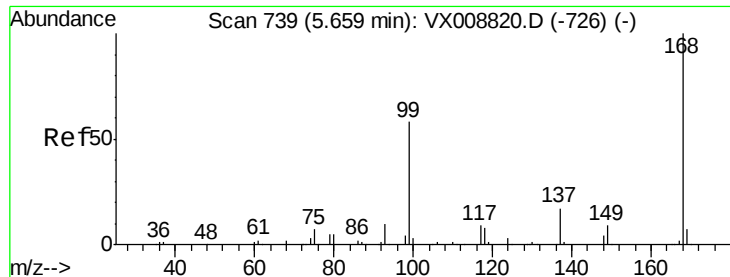
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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Instrument :

MSVOA_X

ClientSampleId :

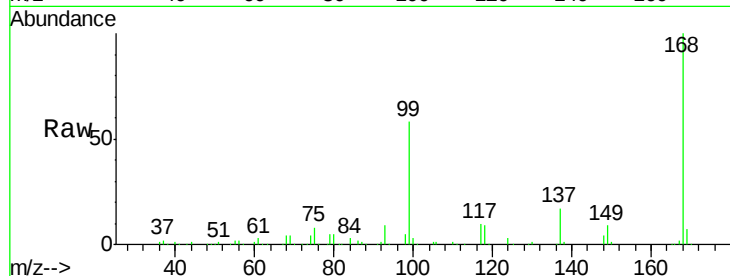
0238-COMP-CS-3-ELTRT-DISS

Tgt Ion:168 Resp: 184326

Ion Ratio Lower Upper

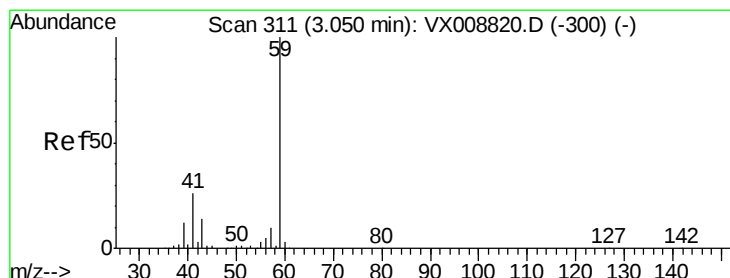
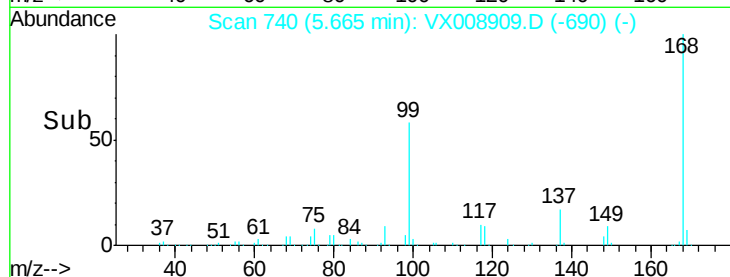
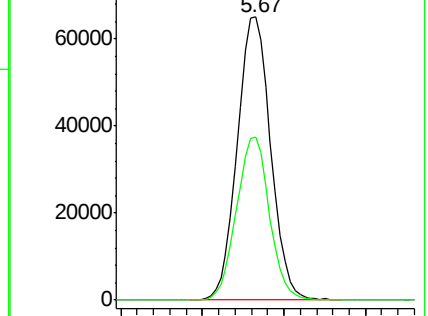
168 100

99 57.8 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: 6.261 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX008909.D

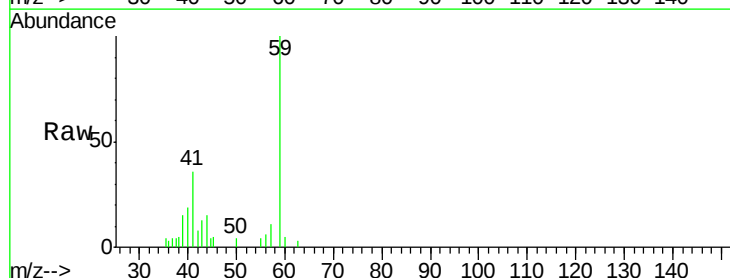
Acq: 13 Apr 2019 00:52

Tgt Ion: 59 Resp: 3941

Ion Ratio Lower Upper

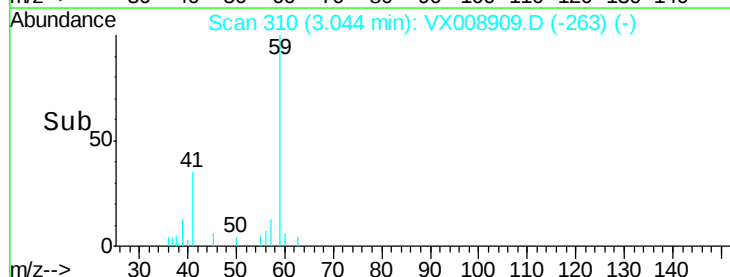
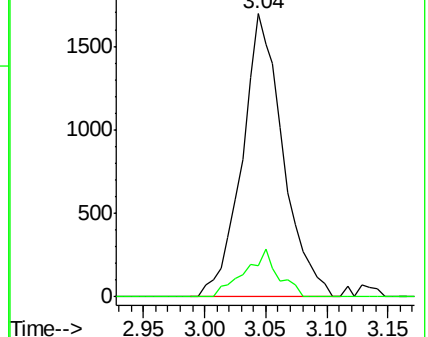
59 100

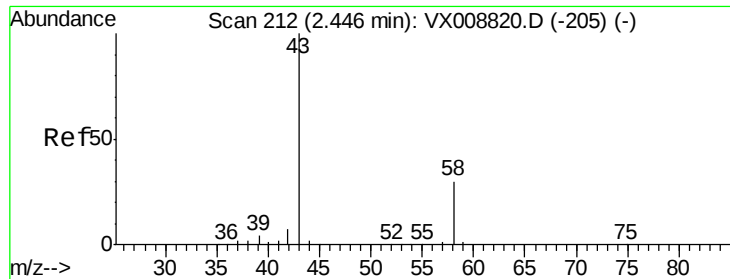
57 13.8 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 155.300 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008909.D

Acq: 13 Apr 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

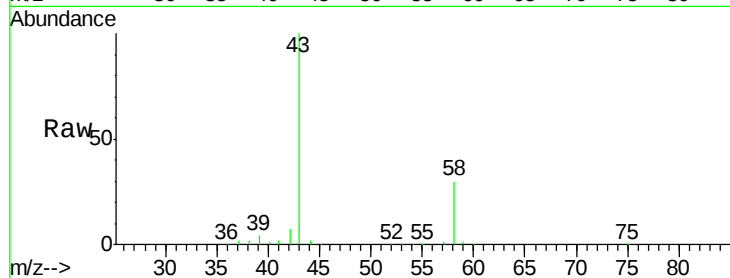
0238-COMP-CS-3-ELTRT-DISS

Tgt Ion: 43 Resp: 240481

Ion Ratio Lower Upper

43 100

58 29.6 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

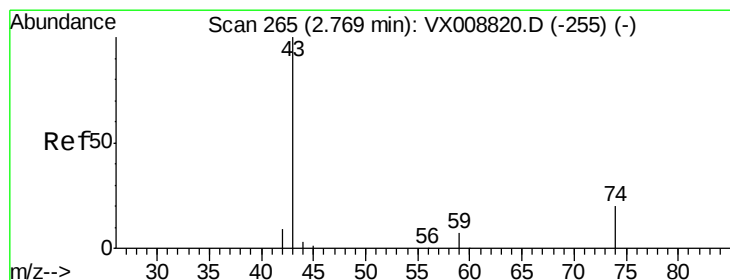
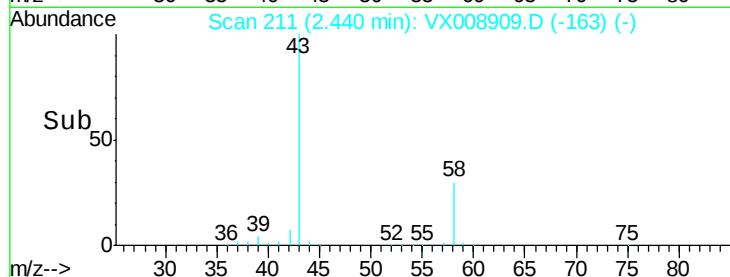
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 5.716 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008909.D

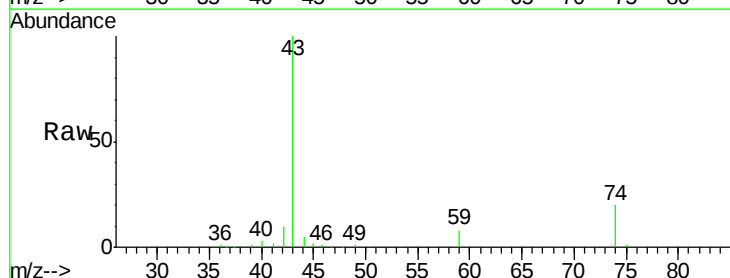
Acq: 13 Apr 2019 00:52

Tgt Ion: 43 Resp: 21468

Ion Ratio Lower Upper

43 100

74 19.9 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

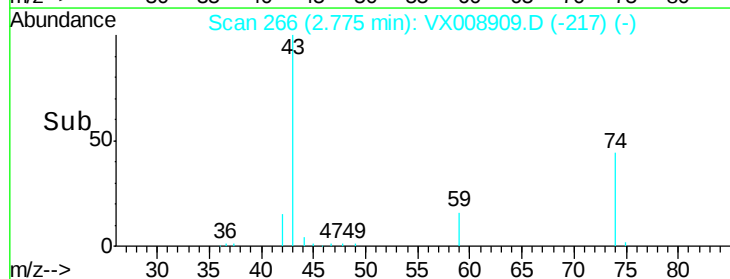
2.78

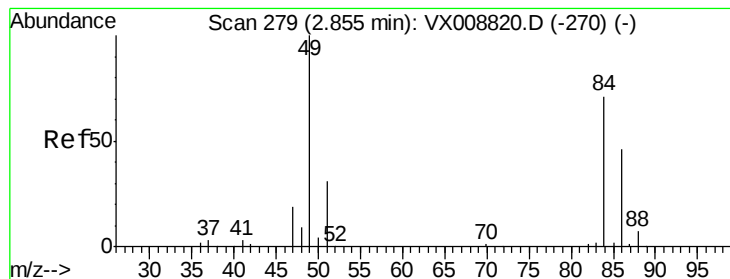
10000

5000

0

Time-->





#20

Methylene Chloride

Concen: 11.815 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX008909.D

Acq: 13 Apr 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

0238-COMP-CS-3-ELTRT-DISS

Tgt Ion: 84 Resp: 30624

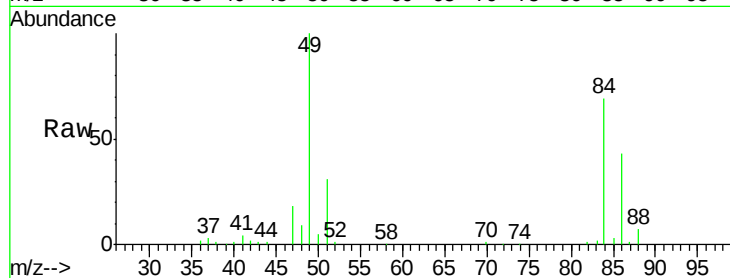
Ion Ratio Lower Upper

84 100

49 146.0 109.7 164.5

51 45.2 33.6 50.4

86 62.2 51.4 77.2

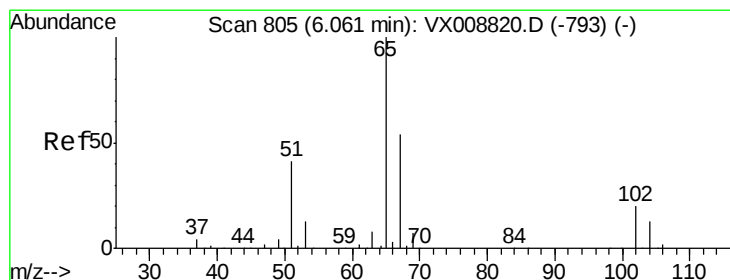
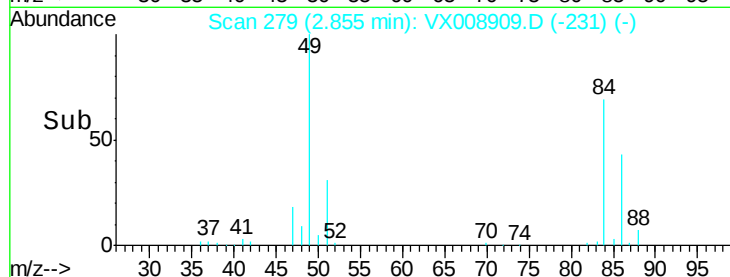
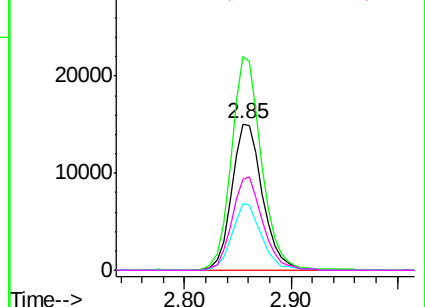


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 46.454 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX008909.D

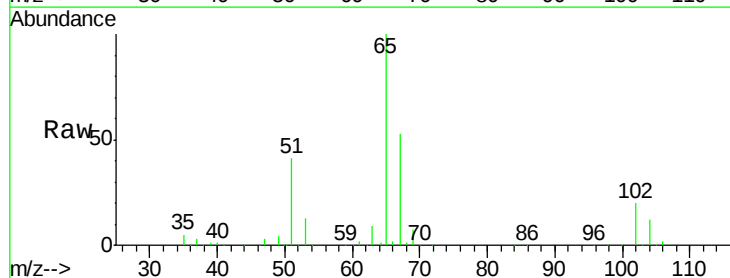
Acq: 13 Apr 2019 00:52

Tgt Ion: 65 Resp: 124892

Ion Ratio Lower Upper

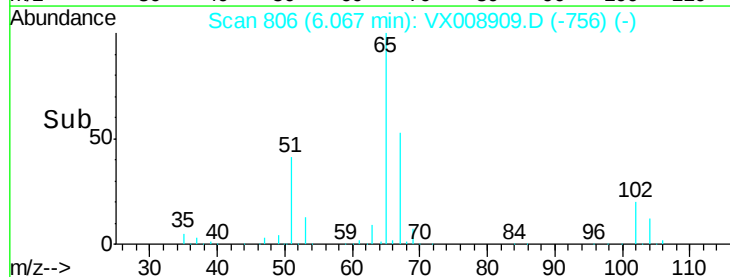
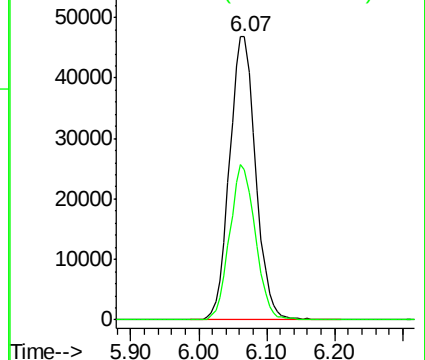
65 100

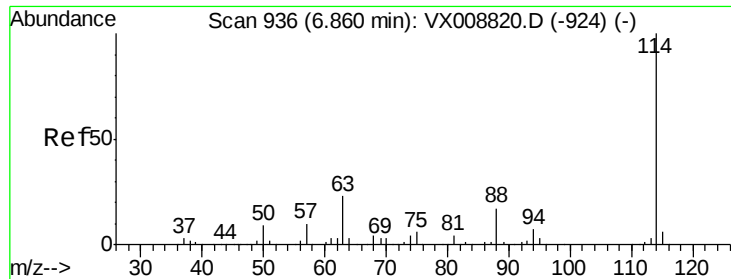
67 54.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

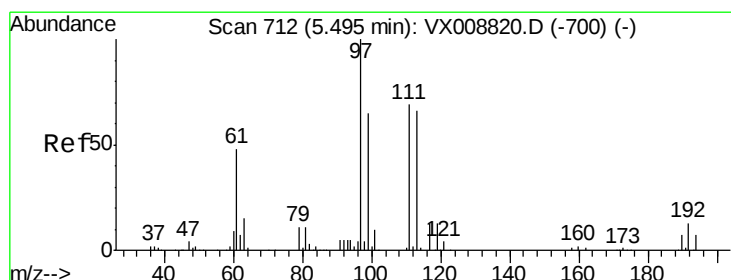
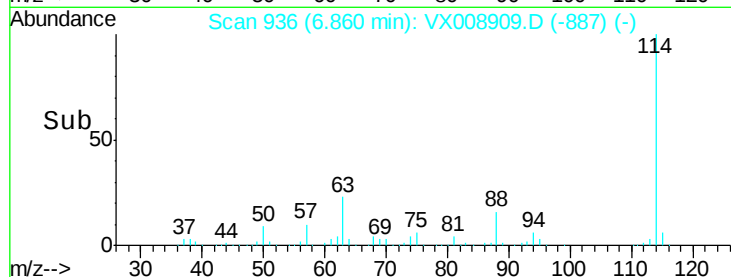
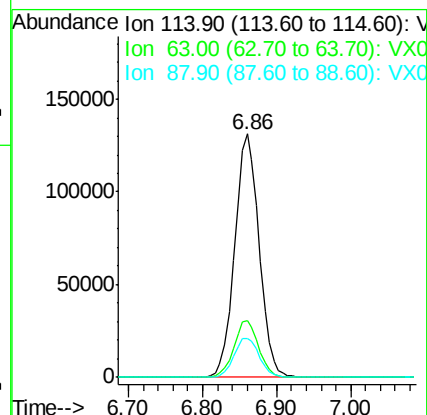
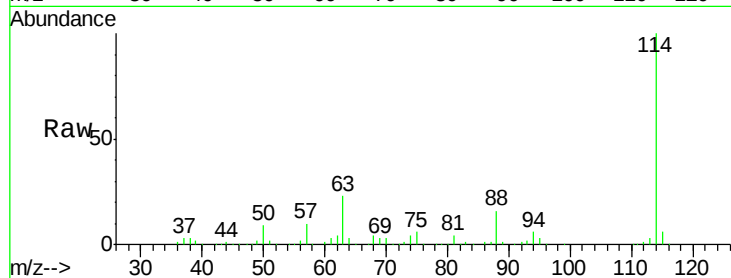




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008909.D
 Acq: 13 Apr 2019 00:52

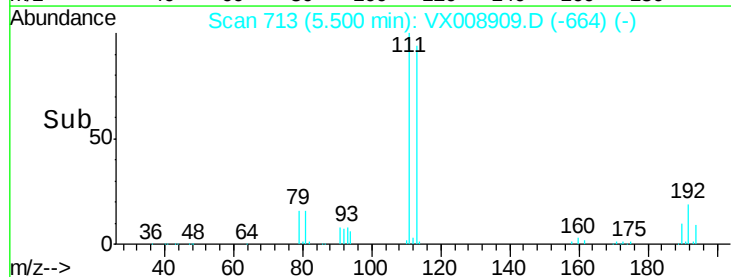
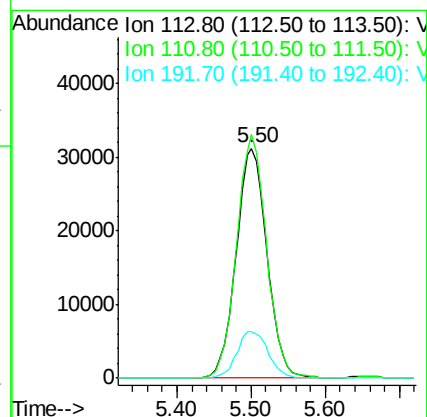
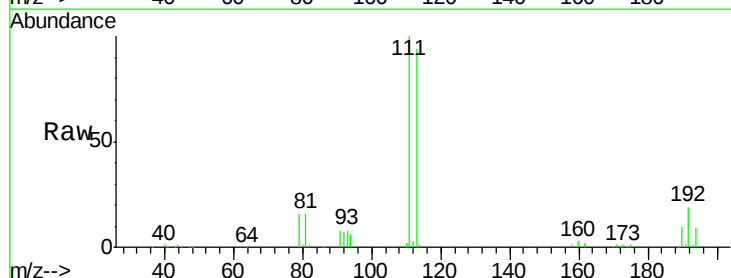
Instrument :
 MSVOA_X
 ClientSampleId :
 0238-COMP-CS-3-ELTRT-DISS

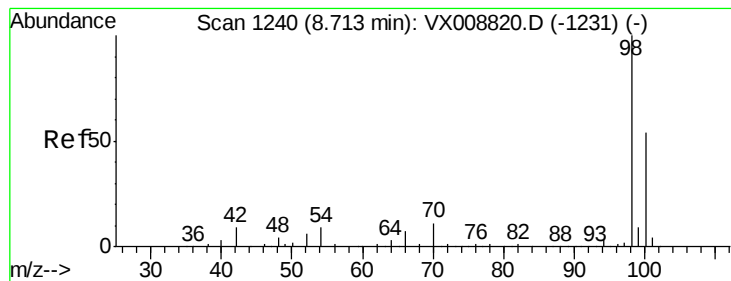
Tgt Ion:114 Resp: 300522
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 47.2
 88 15.9 0.0 34.0



#35
 Dibromofluoromethane
 Concen: 47.150 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008909.D
 Acq: 13 Apr 2019 00:52

Tgt Ion:113 Resp: 90596
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.4 125.2
 192 20.6 16.1 24.1





#50

Toluene-d8

Concen: 48.467 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008909.D

Acq: 13 Apr 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

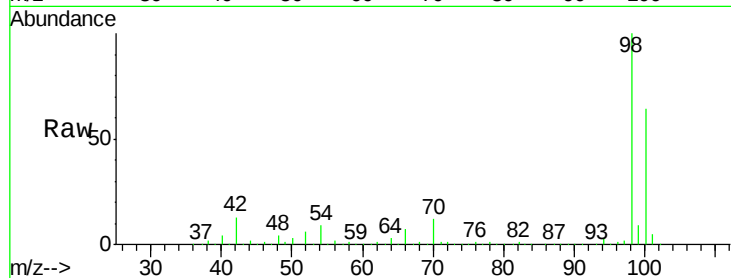
0238-COMP-CS-3-ELTRT-DISS

Tgt Ion: 98 Resp: 370804

Ion Ratio Lower Upper

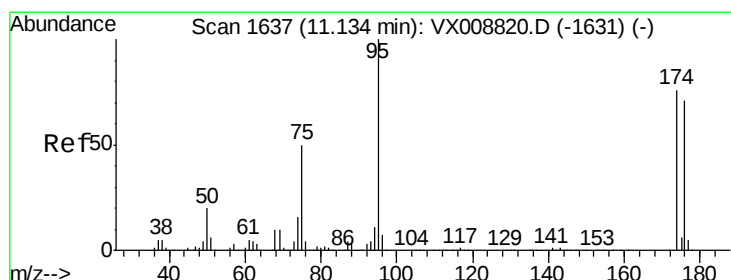
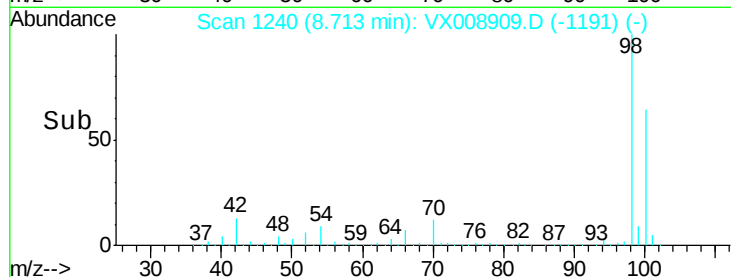
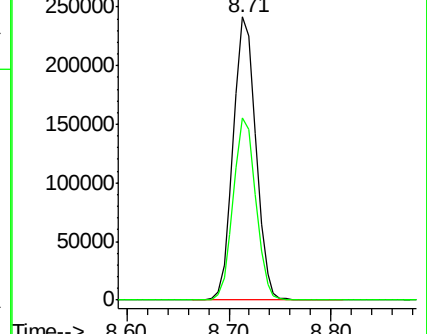
98 100

100 63.9 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: 43.318 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008909.D

Acq: 13 Apr 2019 00:52

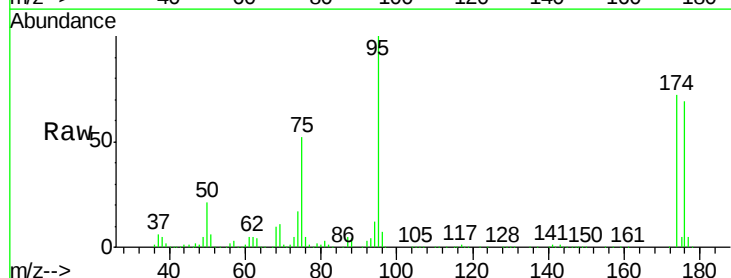
Tgt Ion: 95 Resp: 117524

Ion Ratio Lower Upper

95 100

174 79.1 0.0 151.8

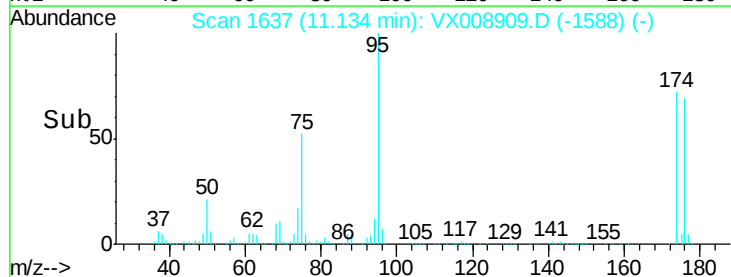
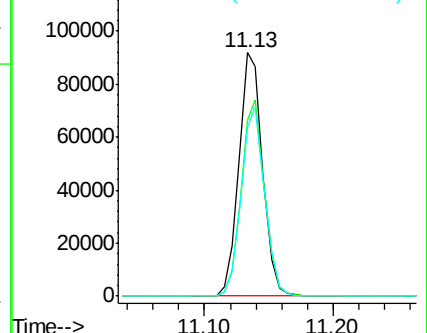
176 76.7 0.0 145.8

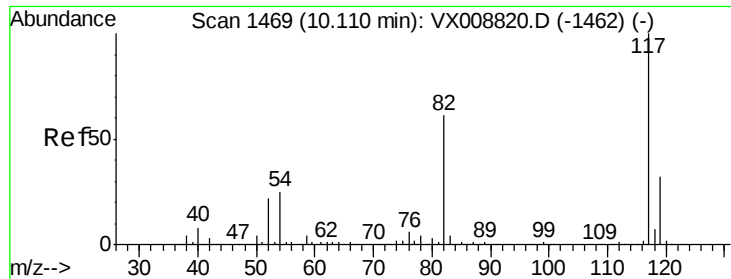


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

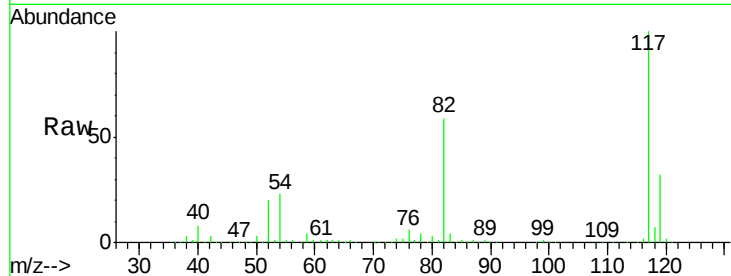




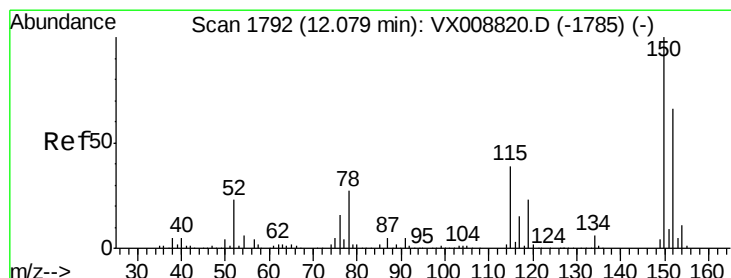
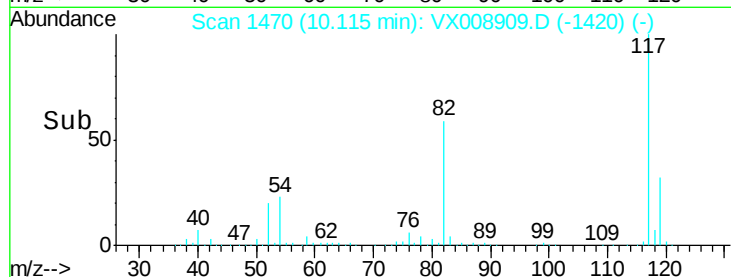
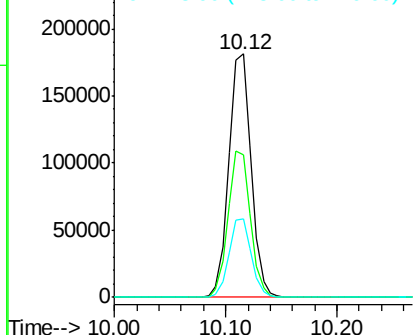
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008909.D
Acq: 13 Apr 2019 00:52

Instrument :
MSVOA_X
ClientSampleId :
0238-COMP-CS-3-ELTRT-DISS

Tgt Ion:117 Resp: 251728
Ion Ratio Lower Upper
117 100
82 58.7 49.6 74.4
119 32.0 25.0 37.4

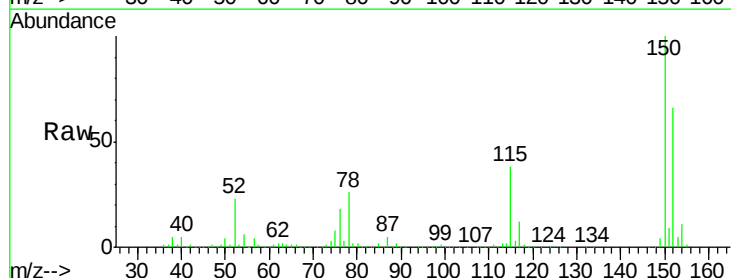


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008909.D
Acq: 13 Apr 2019 00:52

Tgt Ion:152 Resp: 101606
Ion Ratio Lower Upper
152 100
115 59.6 43.5 130.5
150 156.7 0.0 348.8



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

