

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009426.D
 Acq On : 09 May 2019 14:38
 Operator : JC/SP
 Sample : K2748-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Quant Time: May 10 07:45:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

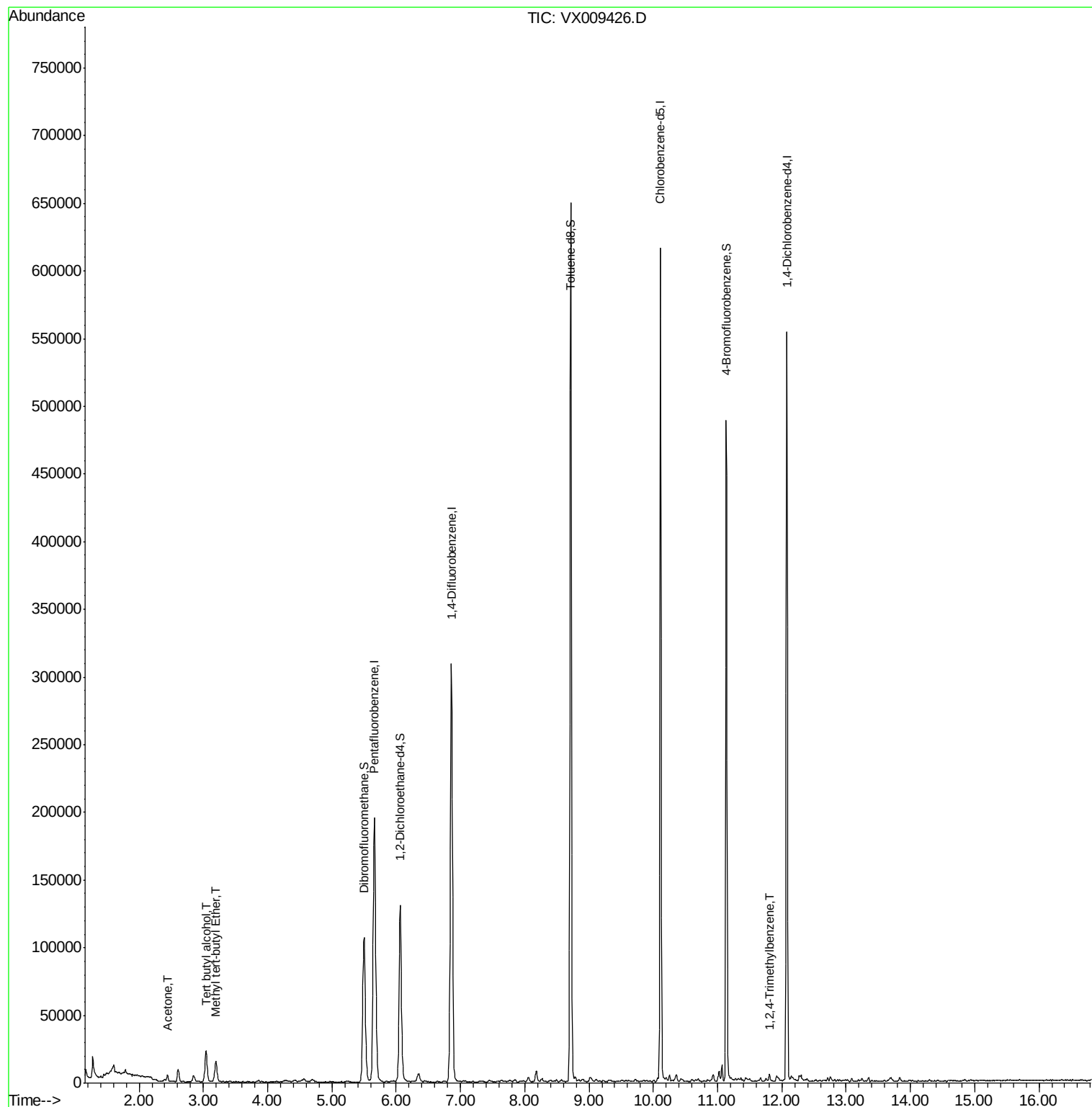
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	190069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	304749	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	267939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115707	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	123901	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
35) Dibromofluoromethane	5.49	113	92812	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
50) Toluene-d8	8.71	98	380484	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.13	95	129746	46.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.34%	
Target Compounds						
11) Tert butyl alcohol	3.04	59	27839	46.352	ug/l	99
16) Acetone	2.44	43	5206	3.737	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	16975	2.451	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	1992	0.280	ug/l	92

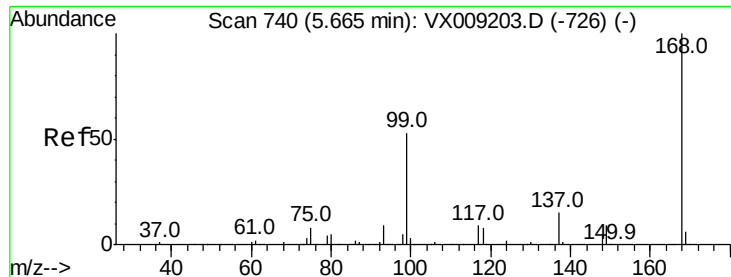
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009426.D

Acq: 09 May 2019 14:38

Instrument :

MSVOA_X

ClientSampled :

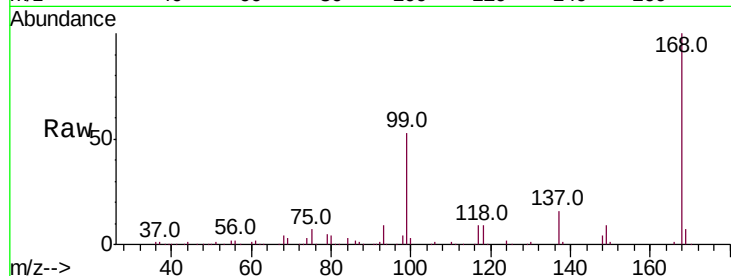
MW-5

Tot Ion:168 Resp: 190069

Ion Ratio Lower Upper

168 100

99 52.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

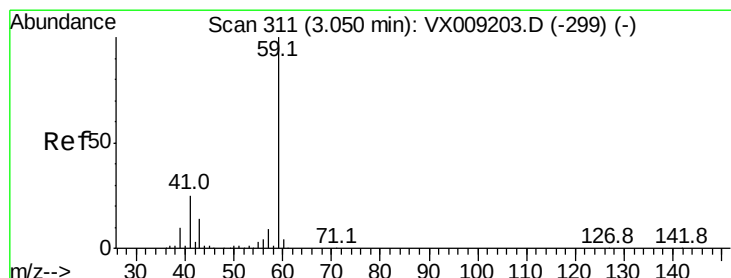
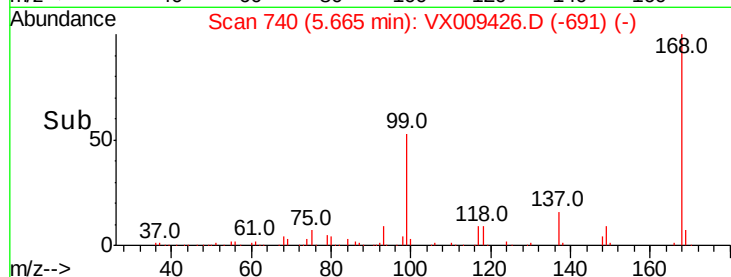
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 46.352 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX009426.D

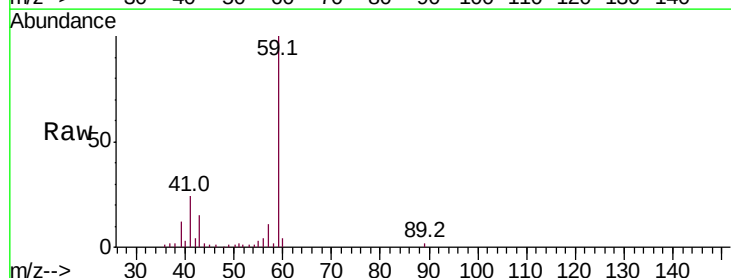
Acq: 09 May 2019 14:38

Tgt Ion: 59 Resp: 27839

Ion Ratio Lower Upper

59 100

57 10.8 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

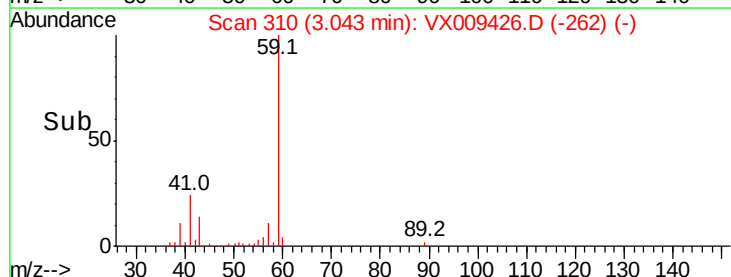
3.04

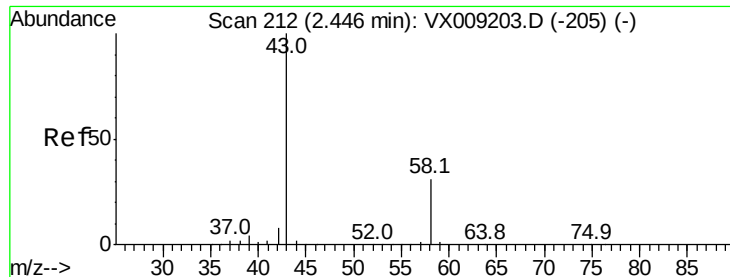
10000

5000

0

Time--> 2.90 3.00 3.10





#16

Acetone

Concen: 3.737 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009426.D

Acq: 09 May 2019 14:38

Instrument :

MSVOA_X

ClientSampled :

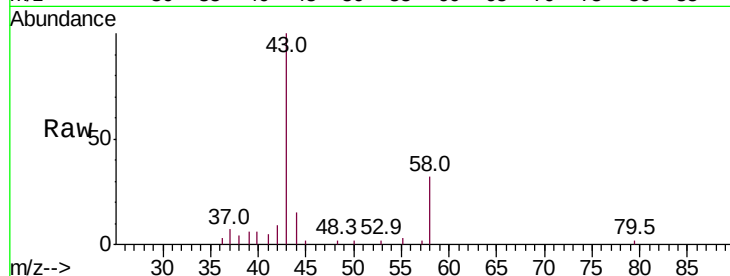
MW-5

Tot Ion: 43 Resp: 5206

Ion Ratio Lower Upper

43 100

58 32.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

3000

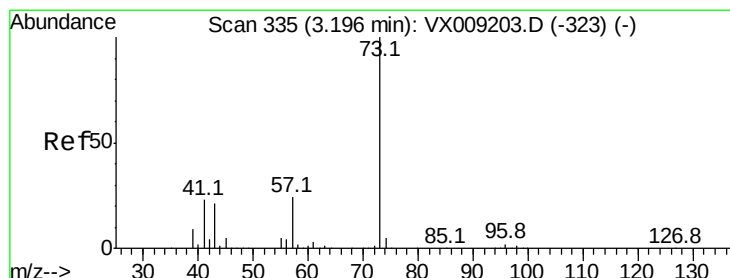
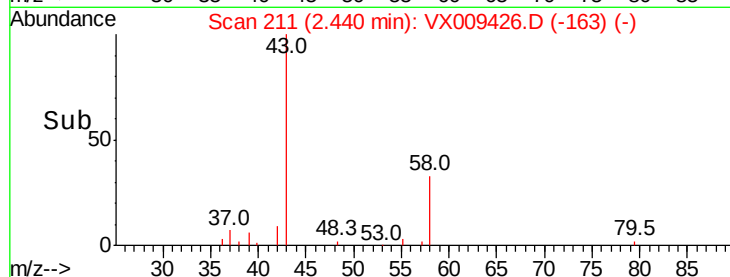
2000

1000

0

Time-->

2.40 2.45 2.50



#19

Methyl tert-butyl Ether

Concen: 2.451 ug/l

RT: 3.19 min Scan# 334

Delta R.T. -0.01 min

Lab File: VX009426.D

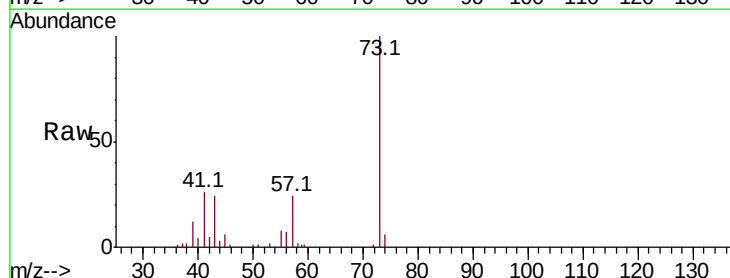
Acq: 09 May 2019 14:38

Tgt Ion: 73 Resp: 16975

Ion Ratio Lower Upper

73 100

57 23.9 19.3 28.9



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

8000

6000

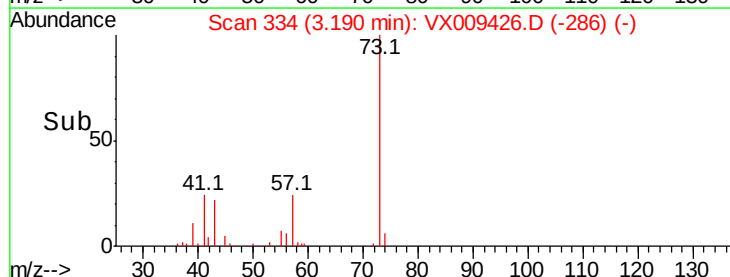
4000

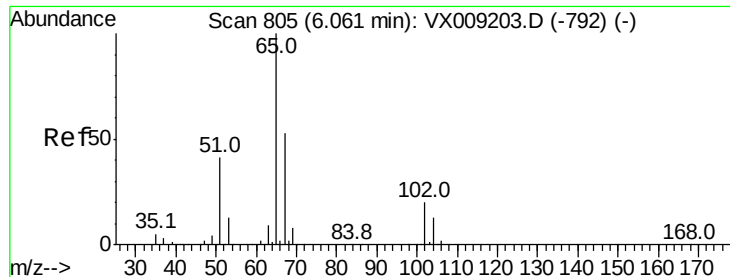
2000

0

Time-->

3.10 3.20 3.30





#33

1,2-Dichloroethane-d4

Concen: 47.752 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009426.D

Acq: 09 May 2019 14:38

Instrument :

MSVOA_X

ClientSampled :

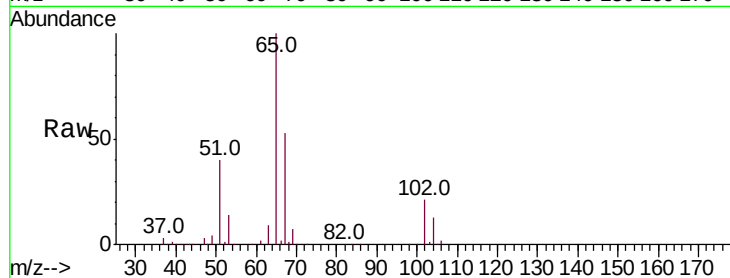
MW-5

Tot Ion: 65 Resp: 123901

Ion Ratio Lower Upper

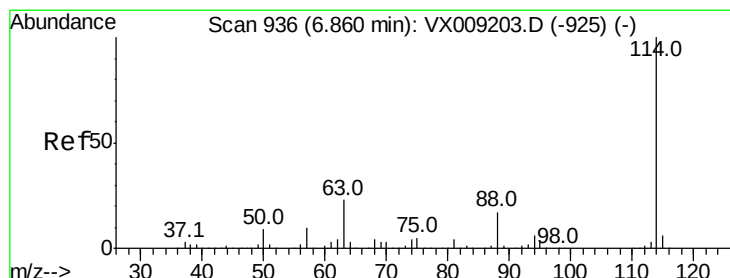
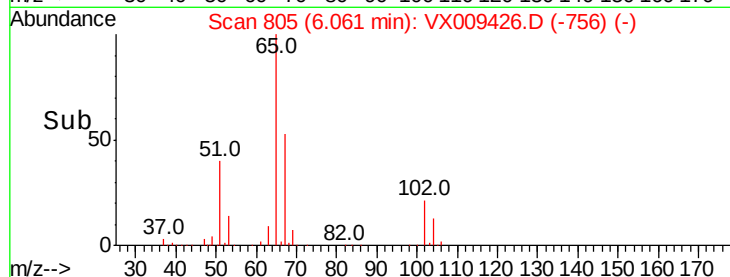
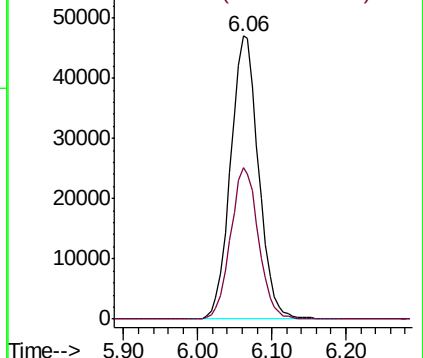
65 100

67 53.4 0.0 106.6



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: VX009426.D

Acq: 09 May 2019 14:38

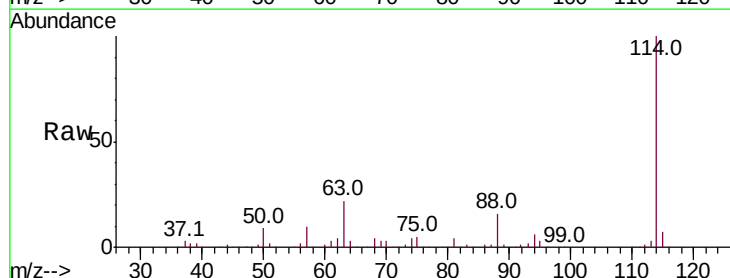
Tgt Ion: 114 Resp: 304749

Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.6

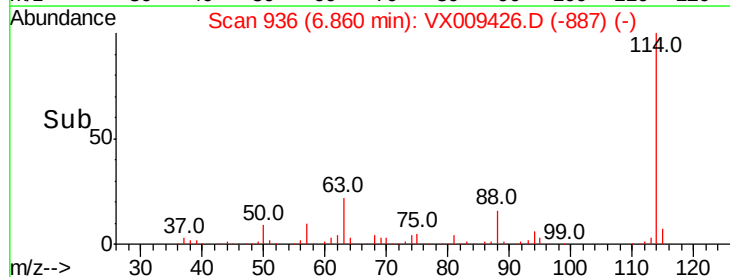
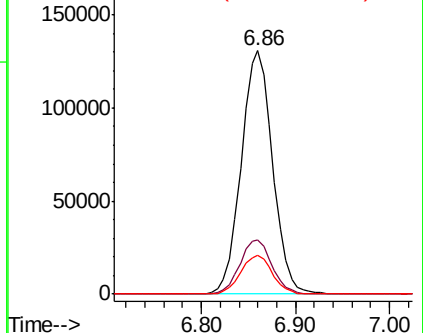
88 16.1 0.0 33.2

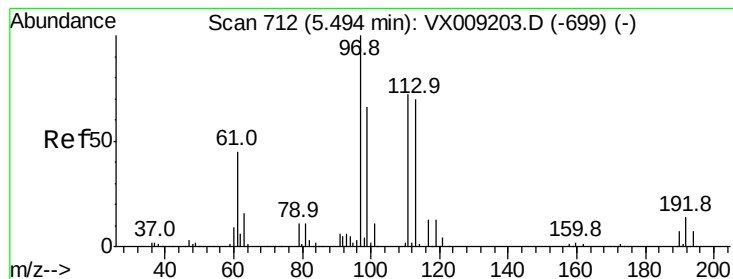


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.446 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX009426.D

Acq: 09 May 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

MW-5

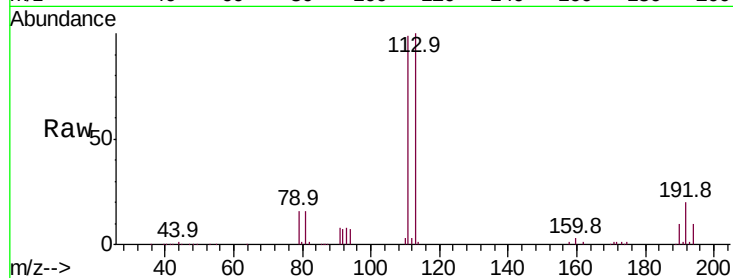
Tot Ion:113 Resp: 92812

Ion Ratio Lower Upper

113 100

111 101.2 82.8 124.2

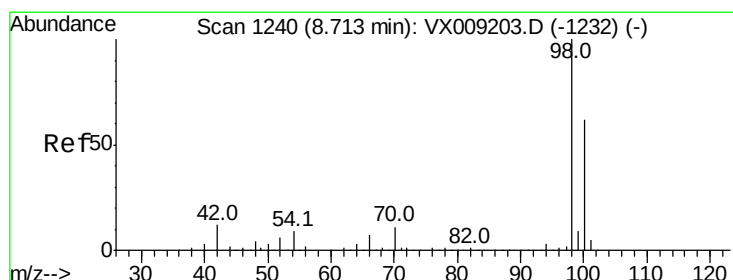
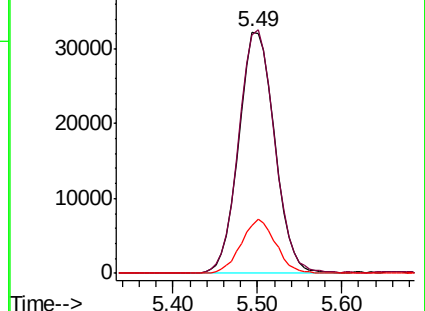
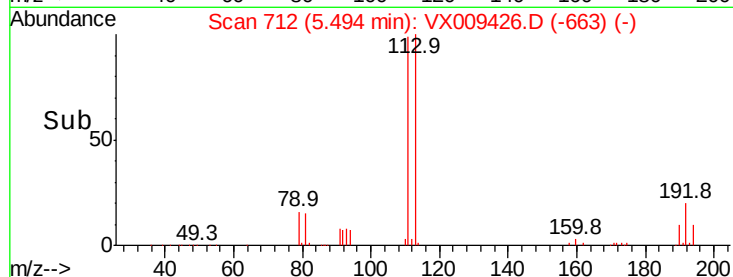
192 21.4 17.0 25.6



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: 49.193 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009426.D

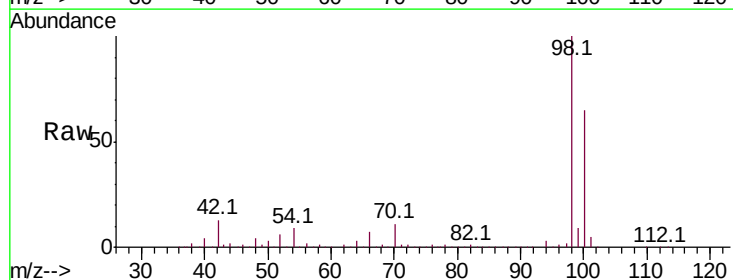
Acq: 09 May 2019 14:38

Tgt Ion: 98 Resp: 380484

Ion Ratio Lower Upper

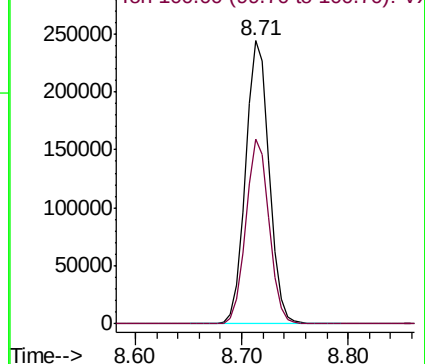
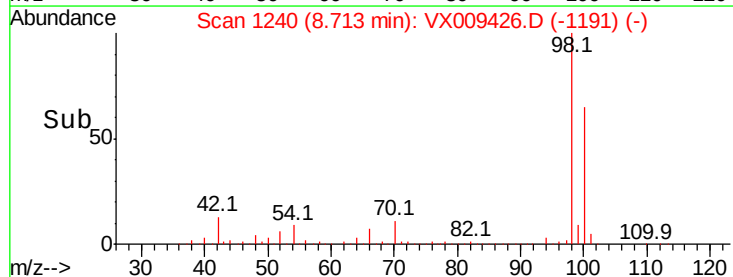
98 100

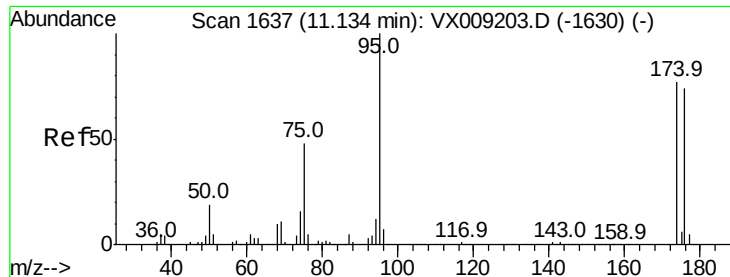
100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.166 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009426.D

Acq: 09 May 2019 14:38

Instrument :

MSVOA_X

ClientSampled :

MW-5

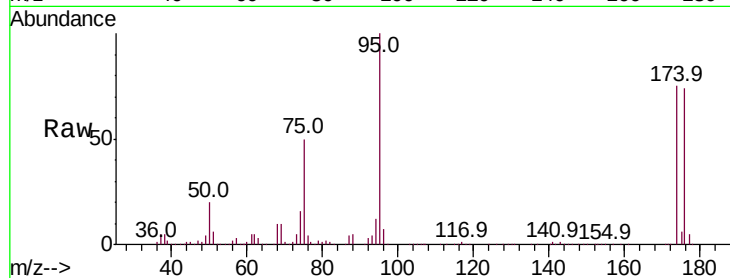
Tot Ion: 95 Resp: 129746

Ion Ratio Lower Upper

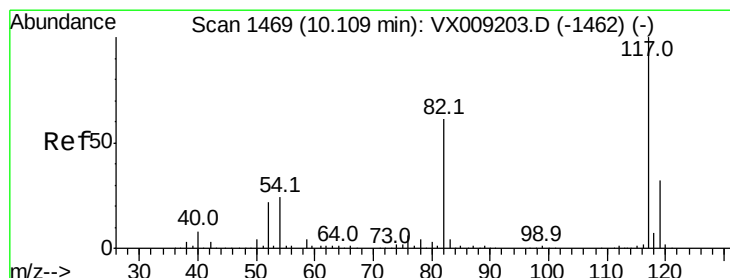
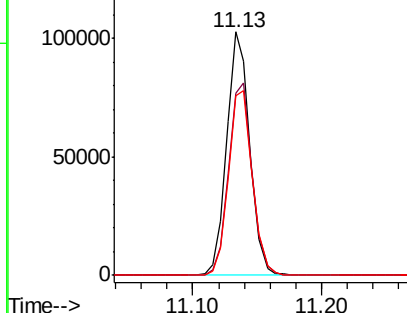
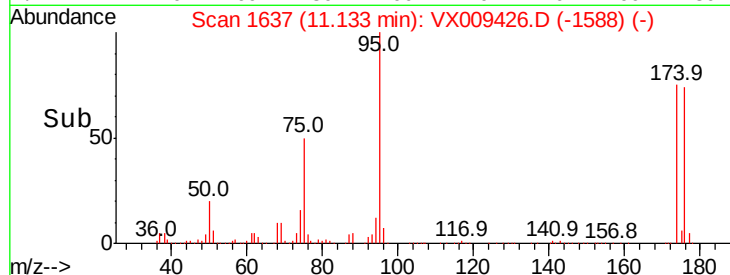
95 100

174 80.8 0.0 161.6

176 78.5 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009426.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009426.D

Acq: 09 May 2019 14:38

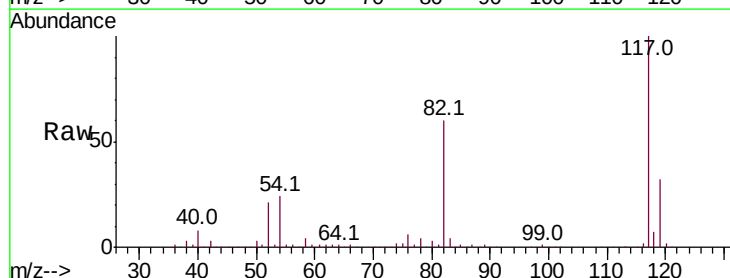
Tgt Ion: 117 Resp: 267939

Ion Ratio Lower Upper

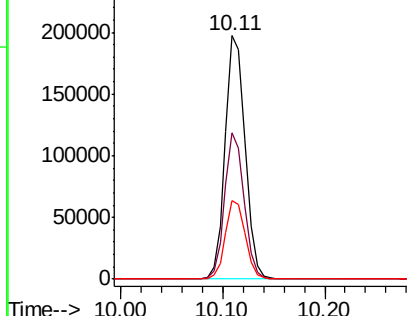
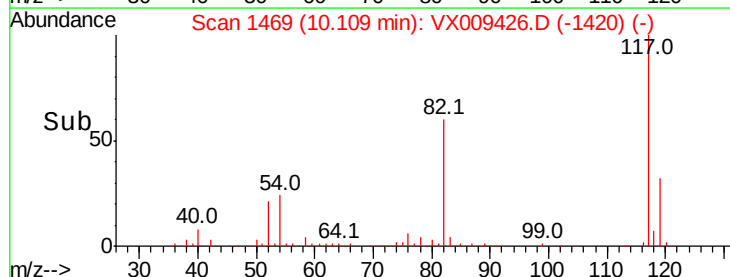
117 100

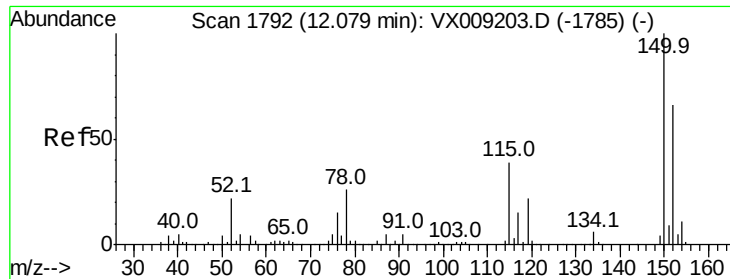
82 59.9 48.8 73.2

119 32.4 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VX009426.D (-1420) (-)

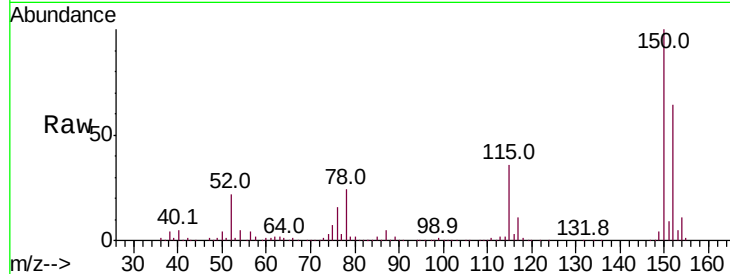




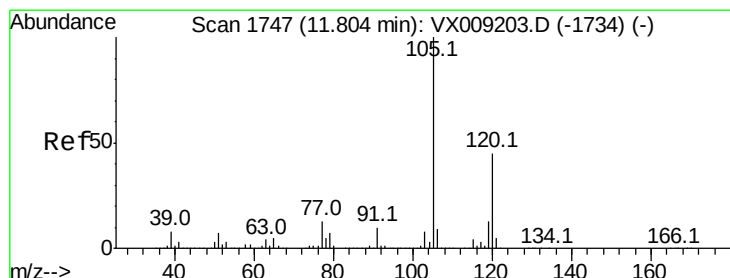
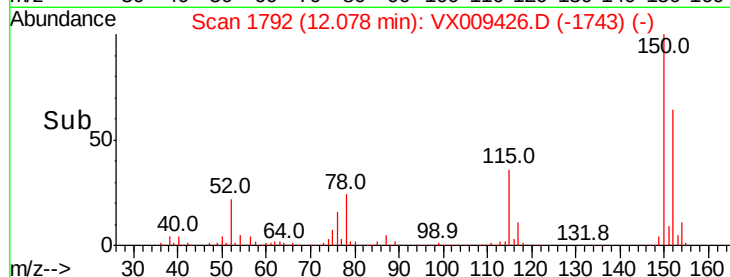
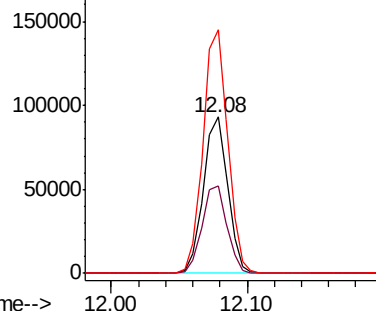
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009426.D
 Acq: 09 May 2019 14:38

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Tot Ion:152 Resp: 115707
 Ion Ratio Lower Upper
 152 100
 115 57.5 41.2 123.6
 150 157.8 0.0 346.4

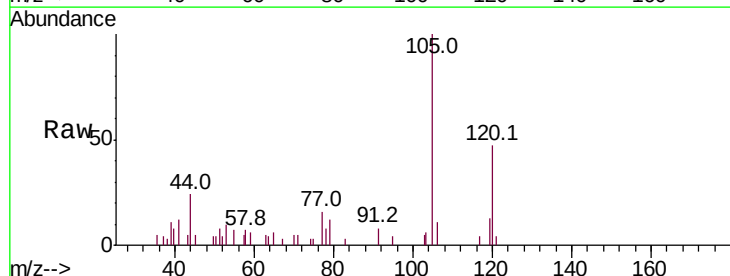


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V



#84
 1,2,4-Trimethylbenzene
 Concen: 0.280 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX009426.D
 Acq: 09 May 2019 14:38

Tgt Ion:105 Resp: 1992
 Ion Ratio Lower Upper
 105 100
 120 49.4 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

