

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042619\
 Data File : VX009185.D
 Acq On : 26 Apr 2019 13:26
 Operator : JC/SP
 Sample : K2581-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-02

Quant Time: Apr 27 05:03:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

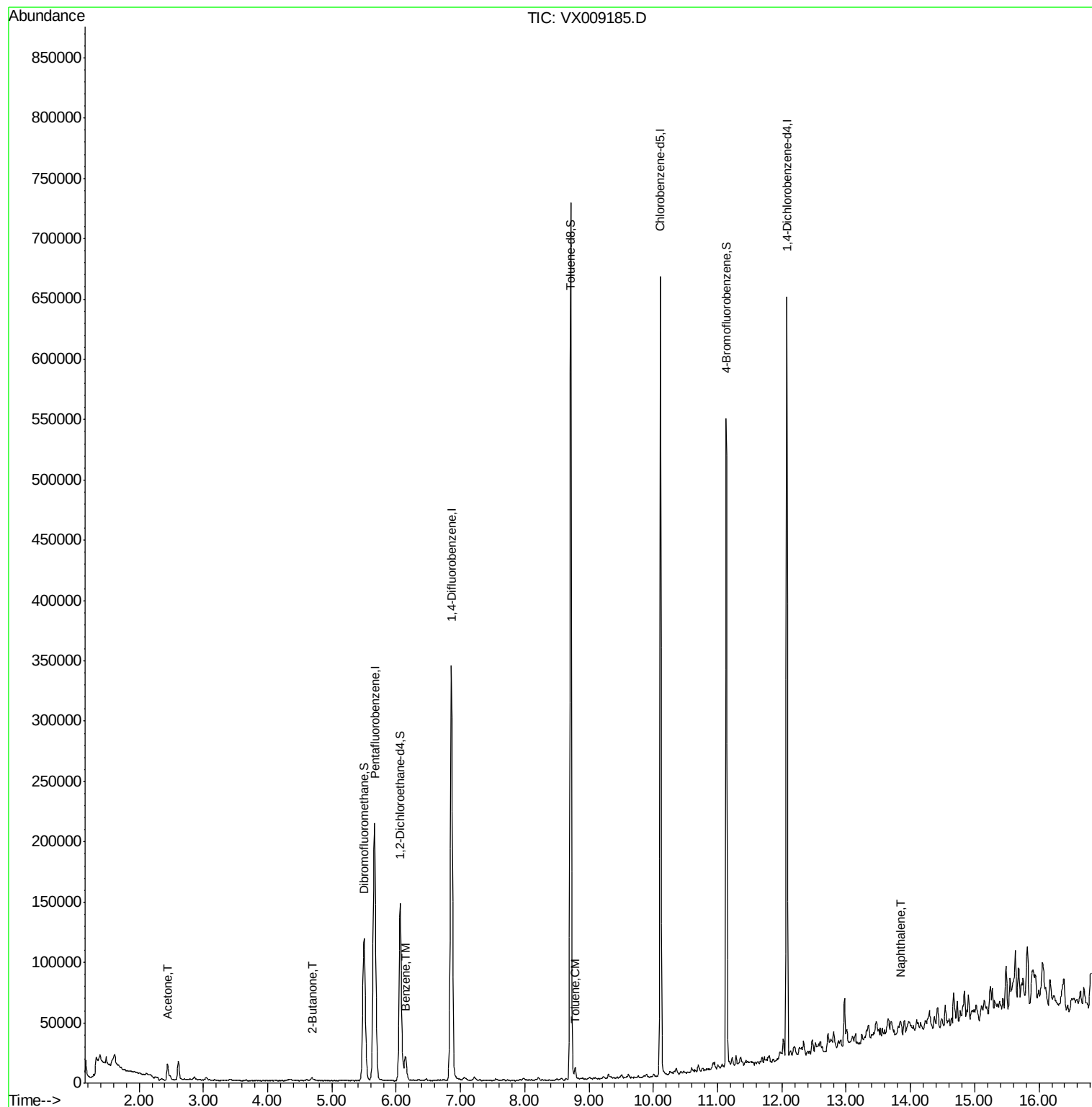
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	209310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	335005	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	293472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129615	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	138340	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
35) Dibromofluoromethane	5.50	113	102342	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
50) Toluene-d8	8.71	98	420786	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
62) 4-Bromofluorobenzene	11.13	95	144541	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
Target Compounds						
16) Acetone	2.44	43	14263	9.324	ug/l	98
25) 2-Butanone	4.70	43	4052	1.657	ug/l	95
40) Benzene	6.15	78	23005	2.251	ug/l	93
52) Toluene	8.79	92	3076	0.502	ug/l	88
95) Naphthalene	13.83	128	5923	0.598	ug/l	99

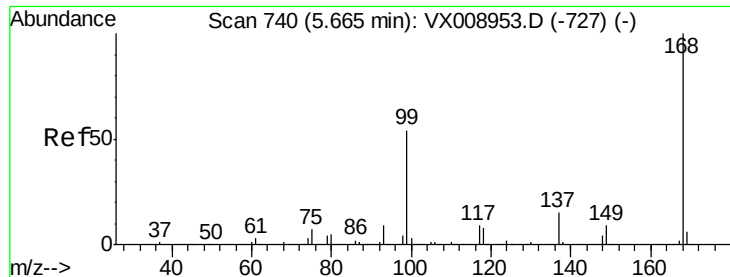
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009185.D

Acq: 26 Apr 2019 13:26

Instrument :

MSVOA_X

ClientSampleId :

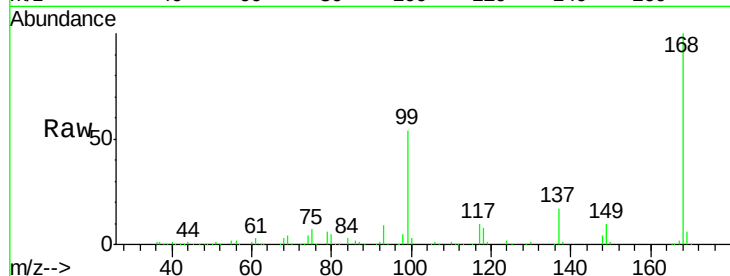
MW-02

Tot Ion:168 Resp: 209310

Ion Ratio Lower Upper

168 100

99 54.4 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

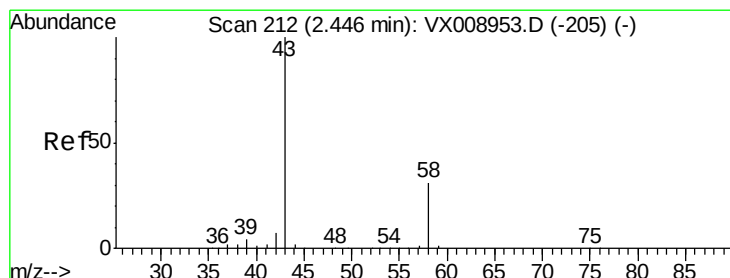
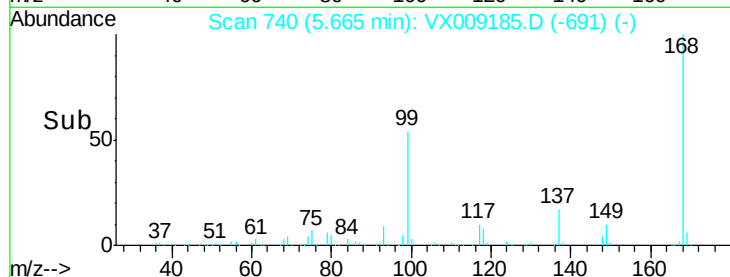
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 9.324 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009185.D

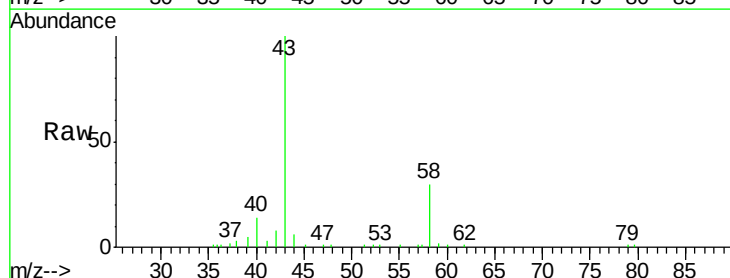
Acq: 26 Apr 2019 13:26

Tgt Ion: 43 Resp: 14263

Ion Ratio Lower Upper

43 100

58 30.1 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

10000

8000

6000

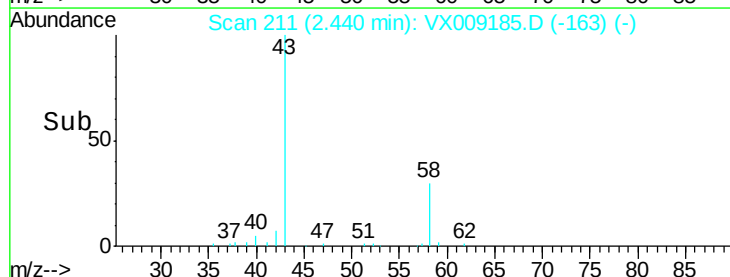
4000

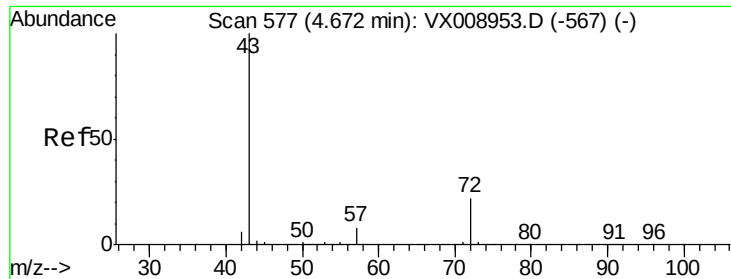
2000

0

Time-->

2.35 2.40 2.45 2.50





#25

2-Butanone

Concen: 1.657 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.02 min

Lab File: VX009185.D

Acq: 26 Apr 2019 13:26

Instrument :

MSVOA_X

ClientSampleId :

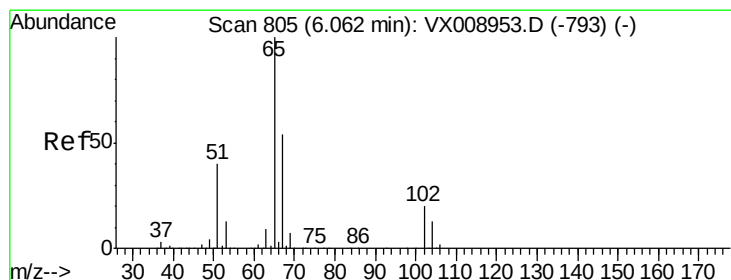
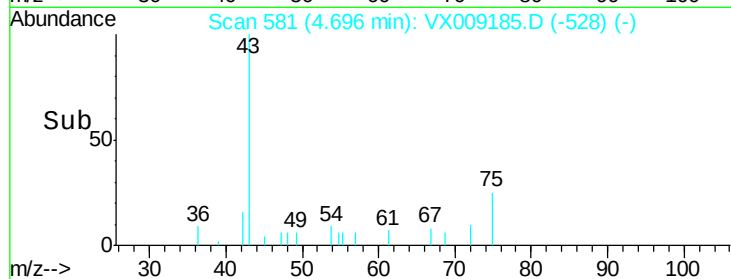
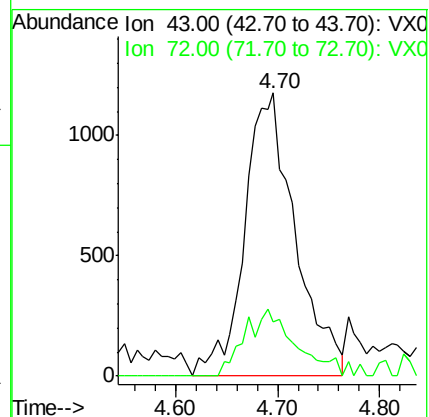
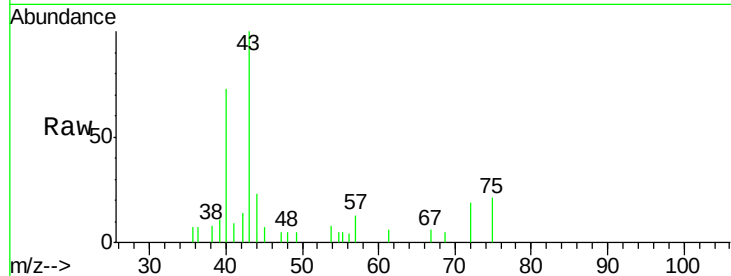
MW-02

Tot Ion: 43 Resp: 4052

Ion Ratio Lower Upper

43 100

72 19.4 17.5 26.3



#33

1,2-Dichloroethane-d4

Concen: 46.899 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009185.D

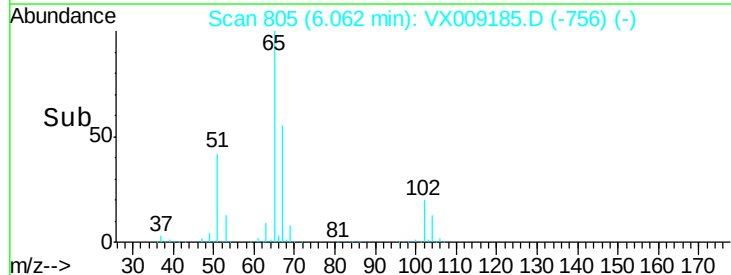
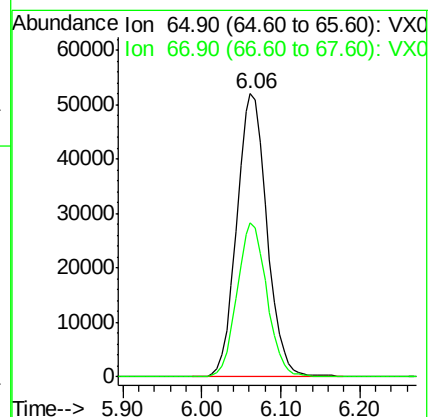
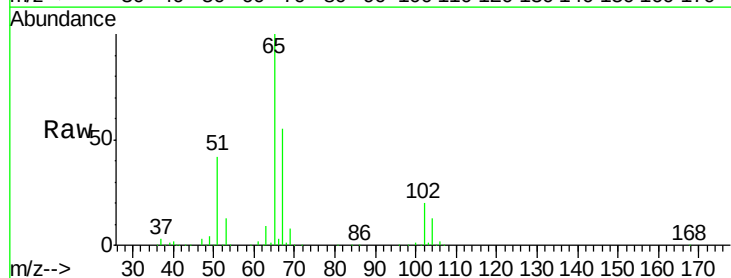
Acq: 26 Apr 2019 13:26

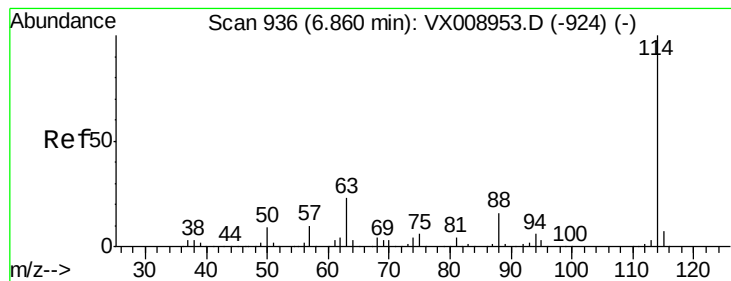
Tgt Ion: 65 Resp: 138340

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009185.D

Acq: 26 Apr 2019 13:26

Instrument :

MSVOA_X

ClientSampleId :

MW-02

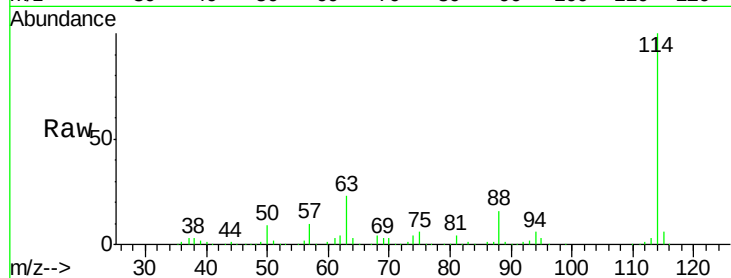
Tot Ion:114 Resp: 335005

Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.0

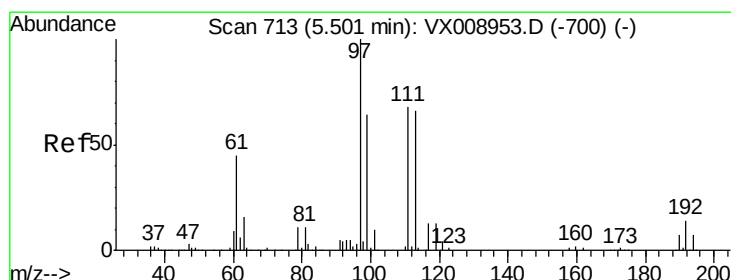
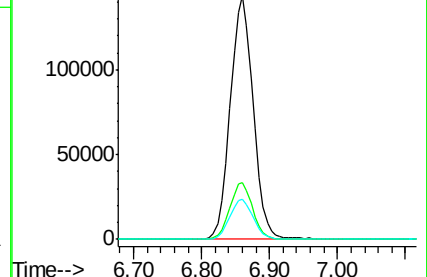
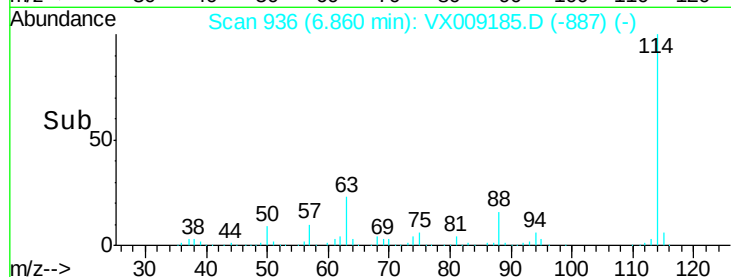
88 16.4 0.0 32.6



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: 47.601 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009185.D

Acq: 26 Apr 2019 13:26

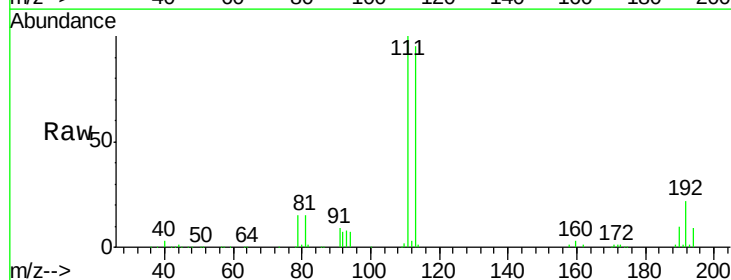
Tgt Ion:113 Resp: 102342

Ion Ratio Lower Upper

113 100

111 103.2 82.9 124.3

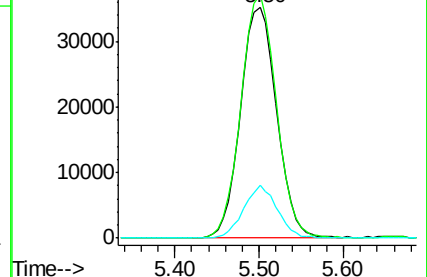
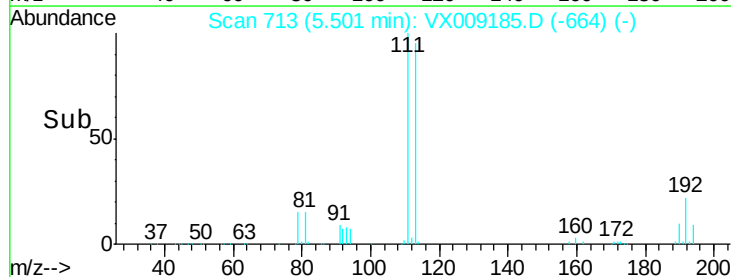
192 21.2 17.4 26.0

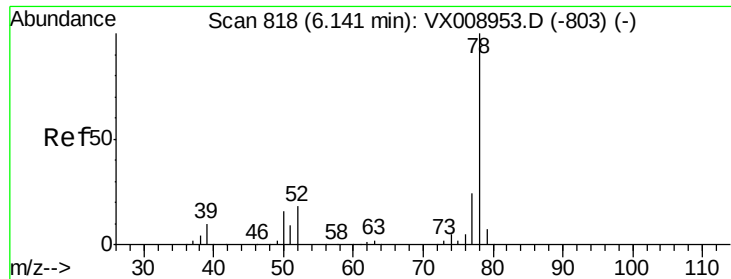


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

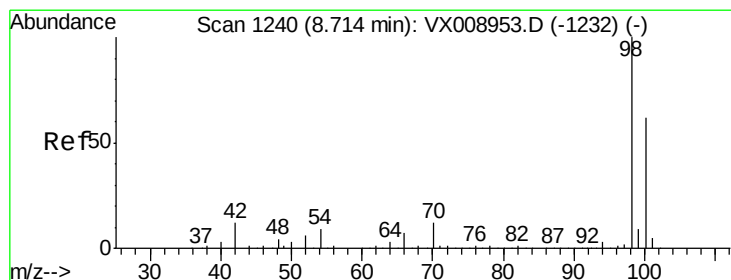
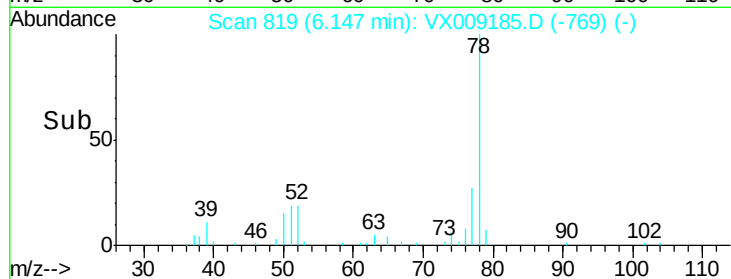
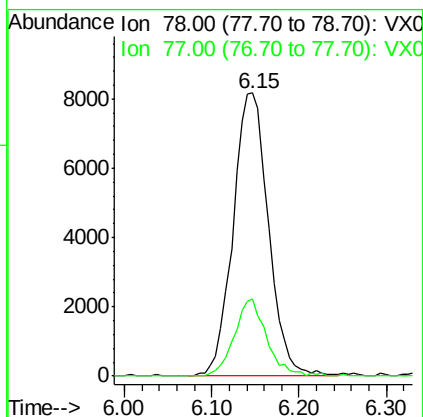
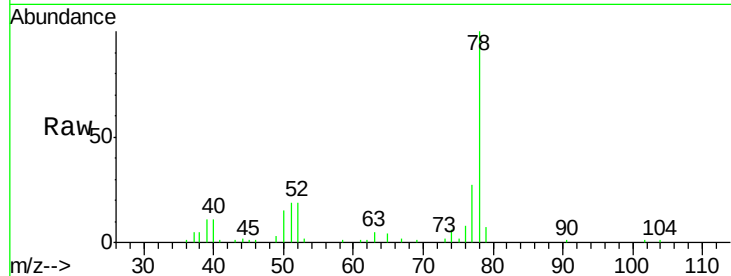




#40
Benzene
Concen: 2.251 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX009185.D
Acq: 26 Apr 2019 13:26

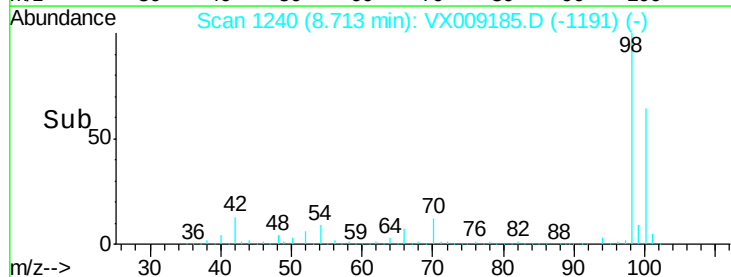
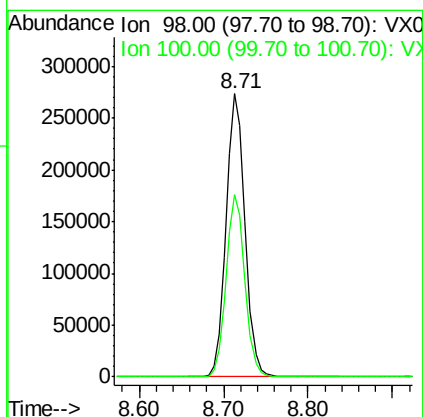
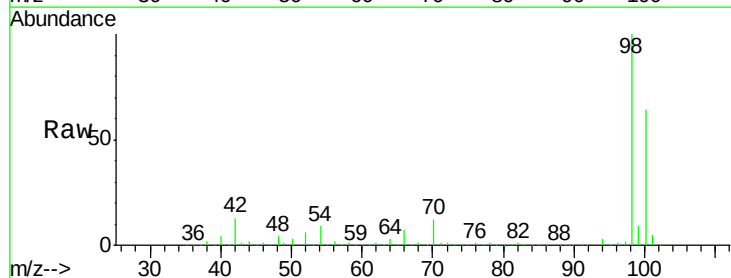
Instrument :
MSVOA_X
ClientSampleId :
MW-02

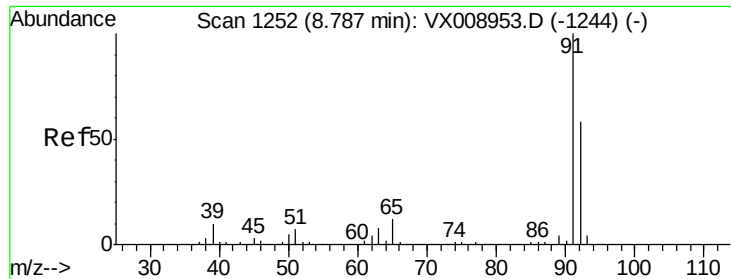
Tot Ion: 78 Resp: 23005
Ion Ratio Lower Upper
78 100
77 27.4 19.0 28.6



#50
Toluene-d8
Concen: 49.076 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009185.D
Acq: 26 Apr 2019 13:26

Tgt Ion: 98 Resp: 420786
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.2





#52

Toluene

Concen: 0.502 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009185.D

Acq: 26 Apr 2019 13:26

Instrument :

MSVOA_X

ClientSampled :

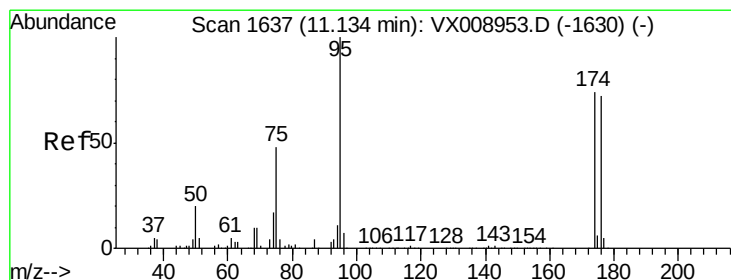
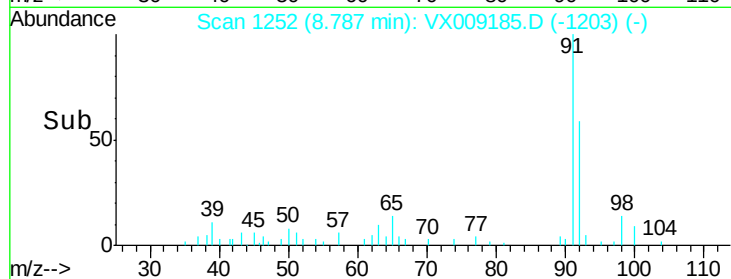
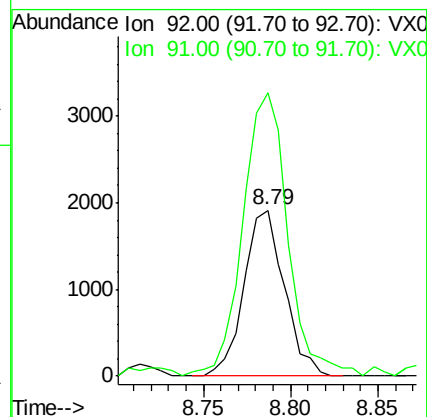
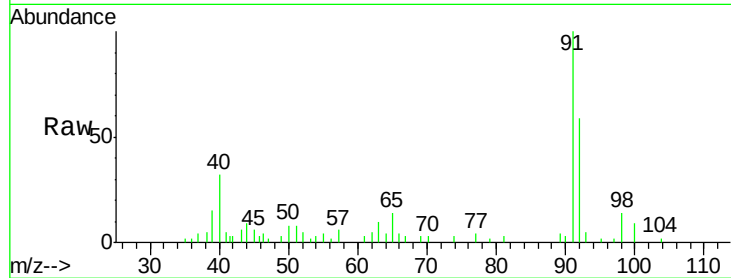
MW-02

Tot Ion: 92 Resp: 3076

Ion Ratio Lower Upper

92 100

91 189.5 138.5 207.7



#62

4-Bromofluorobenzene

Concen: 47.755 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009185.D

Acq: 26 Apr 2019 13:26

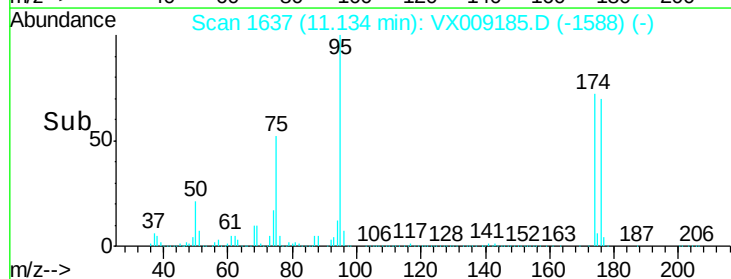
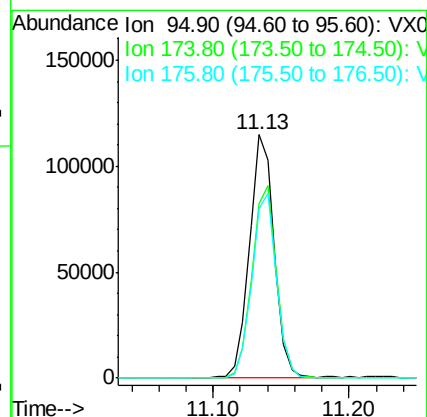
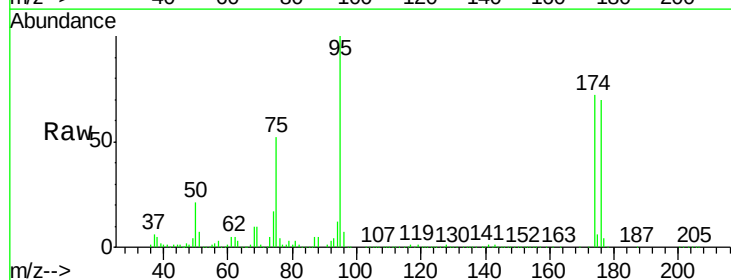
Tgt Ion: 95 Resp: 144541

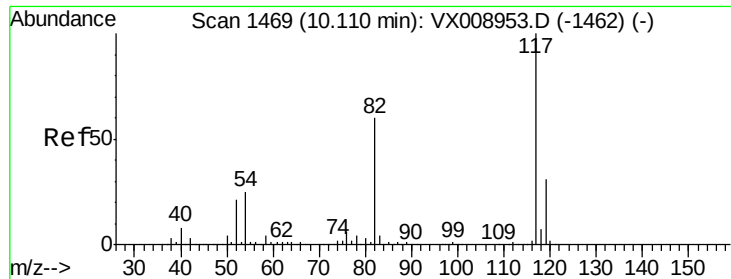
Ion Ratio Lower Upper

95 100

174 79.5 0.0 159.6

176 76.6 0.0 154.8

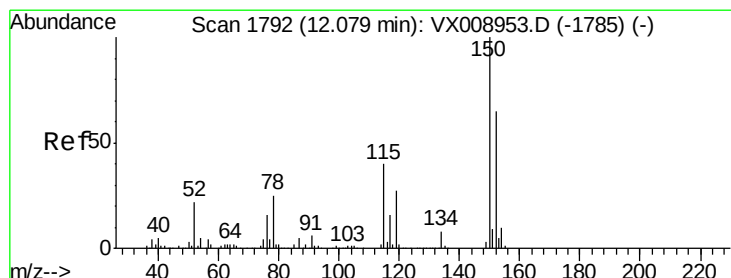
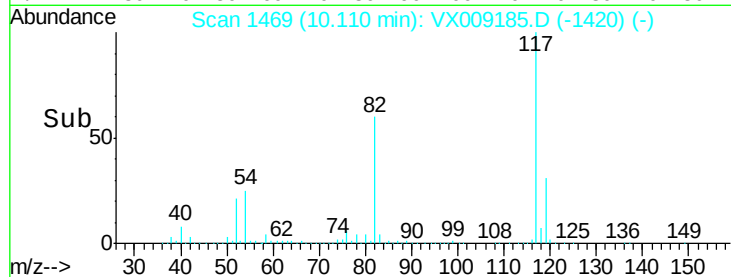
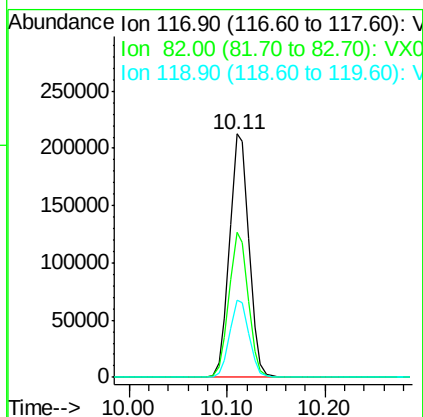
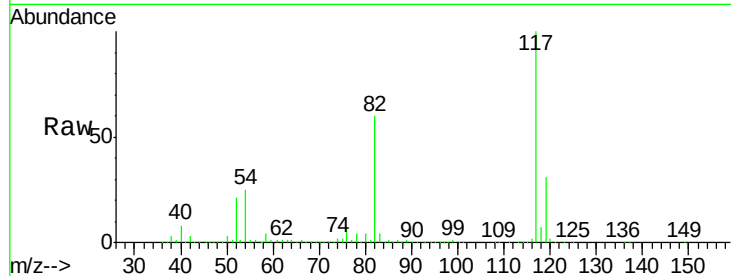




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009185.D
Acq: 26 Apr 2019 13:26

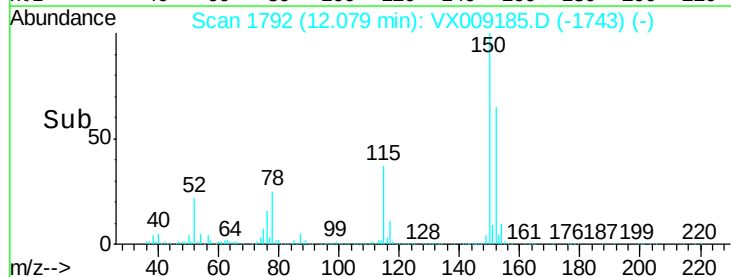
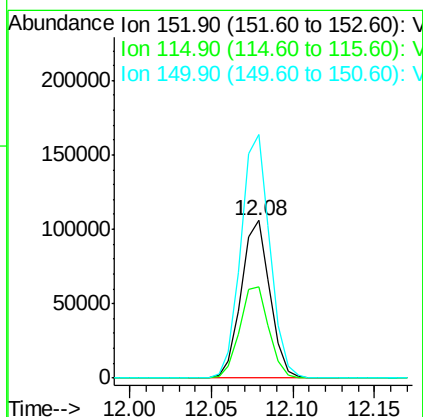
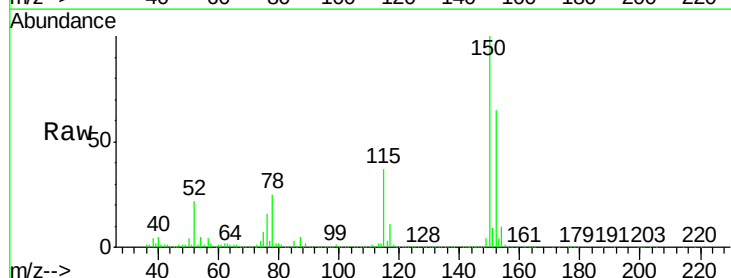
Instrument :
MSVOA_X
ClientSampled :
MW-02

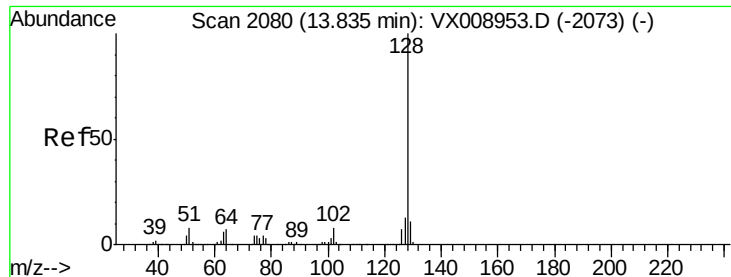
Tot Ion:117 Resp: 293472
Ion Ratio Lower Upper
117 100
82 59.8 48.2 72.4
119 31.5 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009185.D
Acq: 26 Apr 2019 13:26

Tgt Ion:152 Resp: 129615
Ion Ratio Lower Upper
152 100
115 59.2 41.4 124.2
150 157.0 0.0 349.8





#95

Naphthalene

Concen: 0.598 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009185.D

Acq: 26 Apr 2019 13:26

Instrument :

MSVOA_X

ClientSampleId :

MW-02

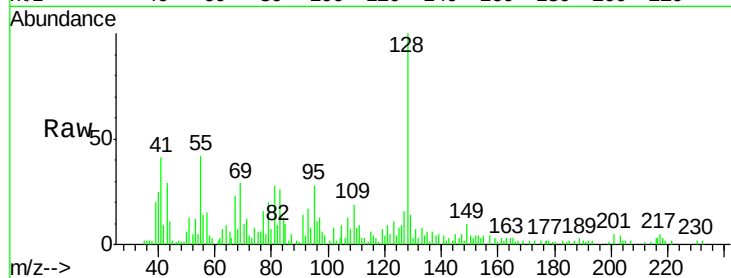
Tot Ion:128 Resp: 5923

Ion Ratio Lower Upper

128 100

127 13.8 10.6 16.0

129 11.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

