

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091818\
 Data File : VX004683.D
 Acq On : 19 Sep 2018 03:23
 Operator : JC/MD
 Sample : J4938-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Quant Time: Sep 19 12:55:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	260097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	374686	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211962	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	162133	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
35) Dibromofluoromethane	5.51	113	151301	44.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.26%	
50) Toluene-d8	8.72	98	491760	42.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.54%	
62) 4-Bromofluorobenzene	11.14	95	172740	42.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.18%	

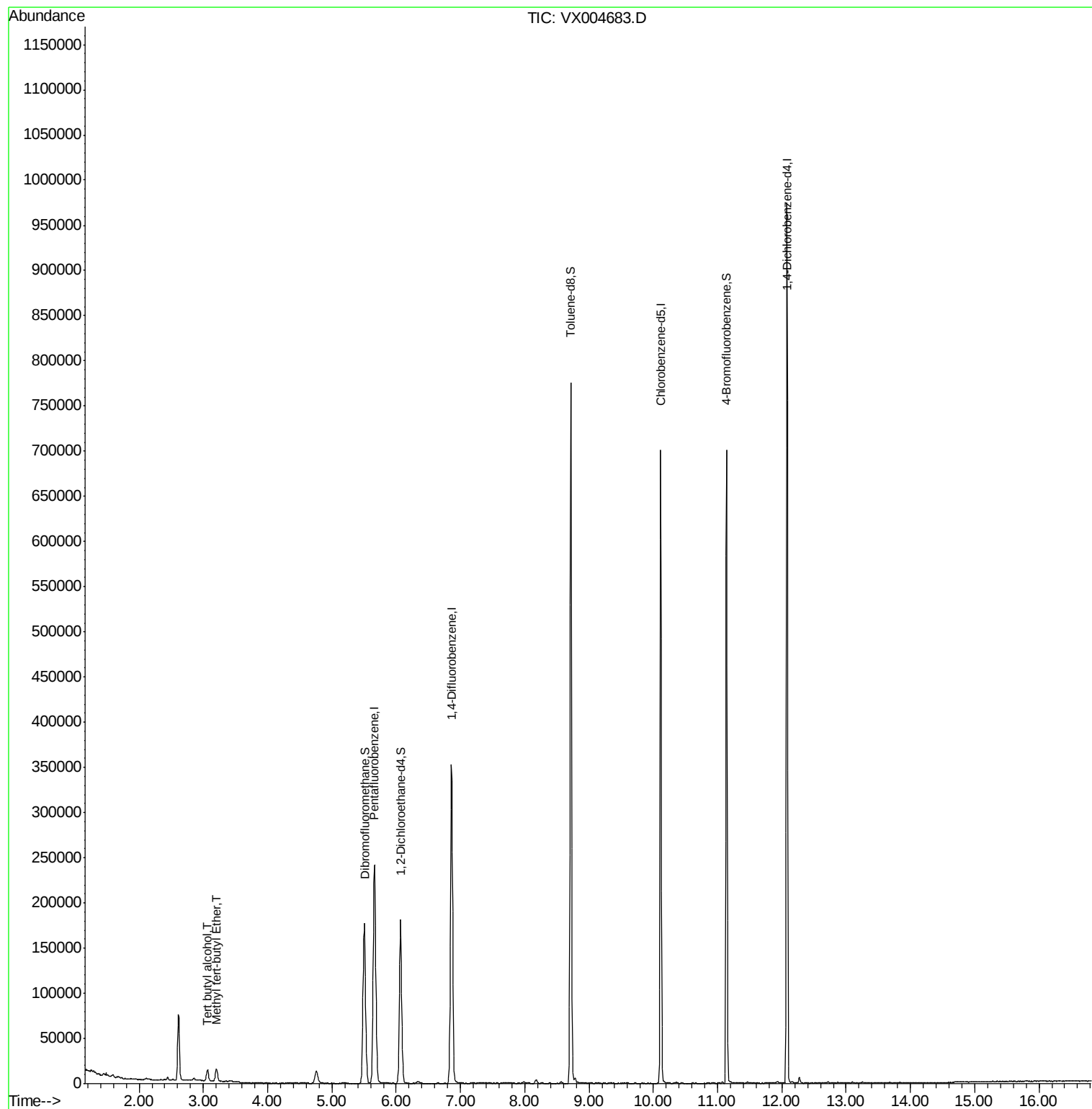
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.07	59	16134	20.16	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	15907	1.67	ug/l	98

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004683.D

Acq: 19 Sep 2018 03:23

Instrument :

MSVOA_X

ClientSampleId :

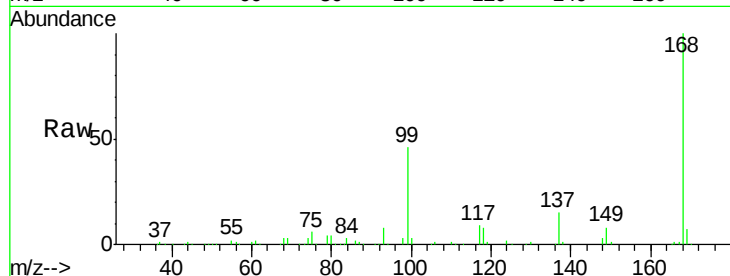
MW-5

Tot Ion:168 Resp: 260097

Ion Ratio Lower Upper

168 100

99 45.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

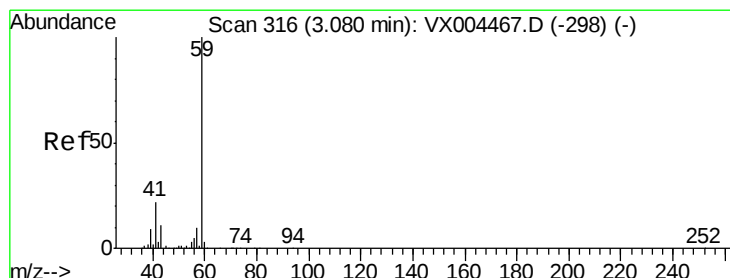
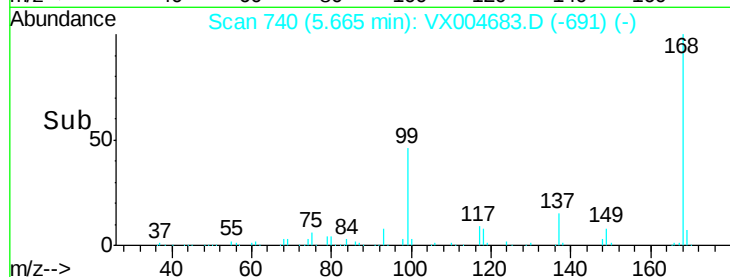
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#11

Tert butyl alcohol

Concen: 20.16 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX004683.D

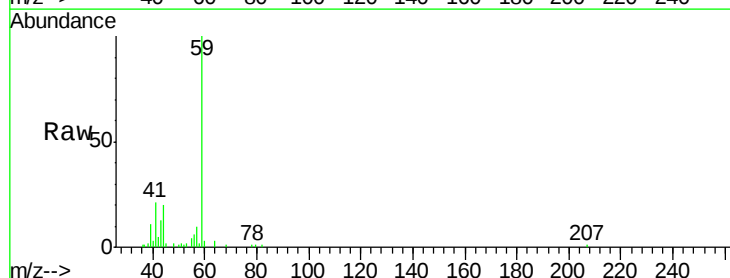
Acq: 19 Sep 2018 03:23

Tgt Ion: 59 Resp: 16134

Ion Ratio Lower Upper

59 100

57 10.6 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.07

8000

6000

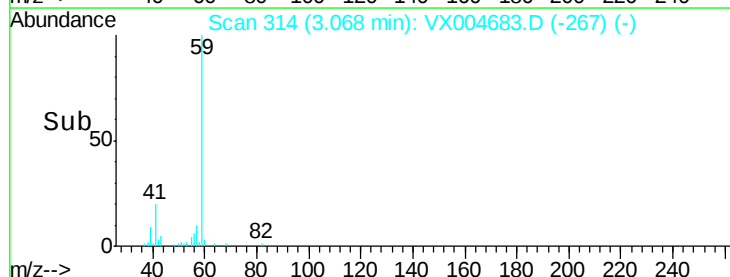
4000

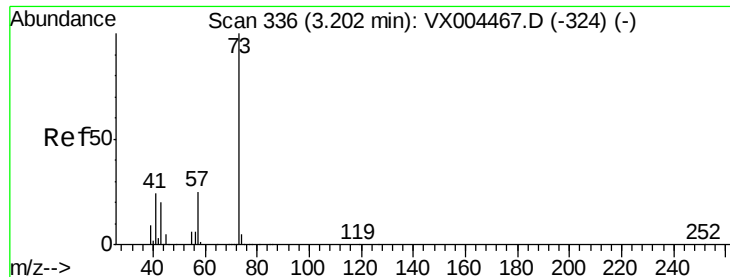
2000

0

Time-->

3.00 3.10 3.20





#19

Methvl tert-butvl Ether

Concen: 1.67 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX004683.D

Acq: 19 Sep 2018 03:23

Instrument :

MSVOA_X

ClientSampleId :

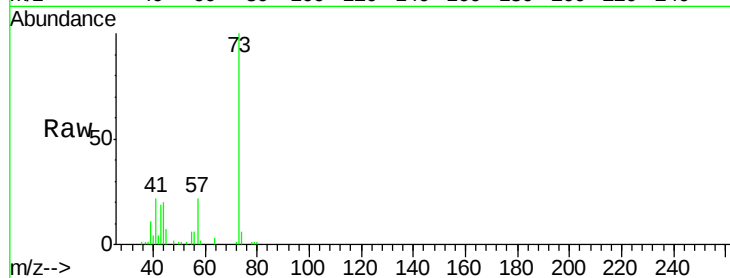
MW-5

Tot Ion: 73 Resp: 15907

Ion Ratio Lower Upper

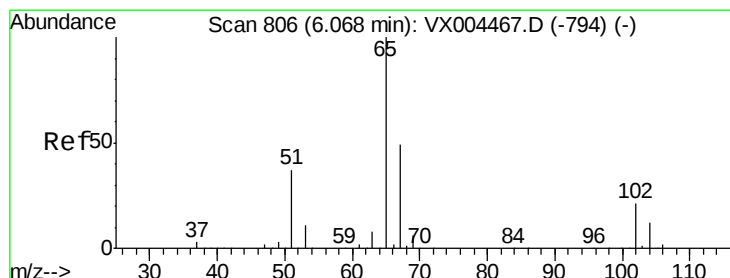
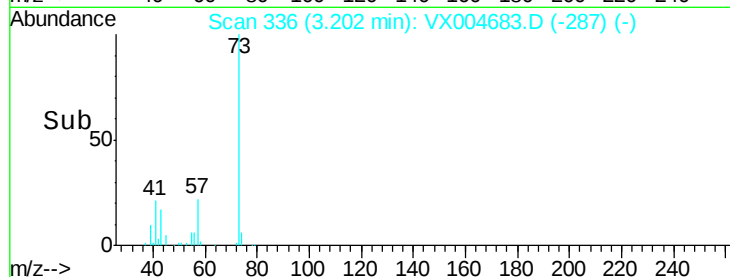
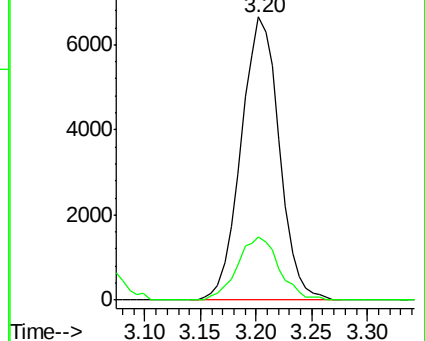
73 100

57 22.3 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.34 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004683.D

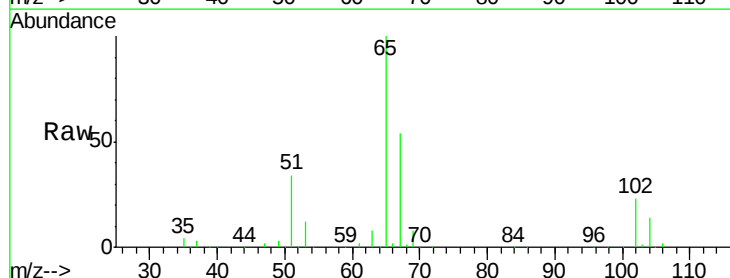
Acq: 19 Sep 2018 03:23

Tgt Ion: 65 Resp: 162133

Ion Ratio Lower Upper

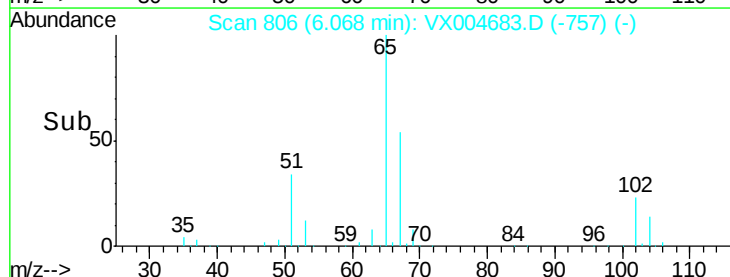
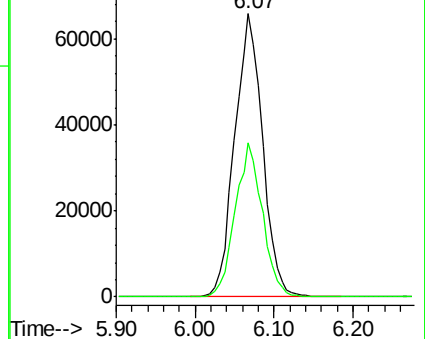
65 100

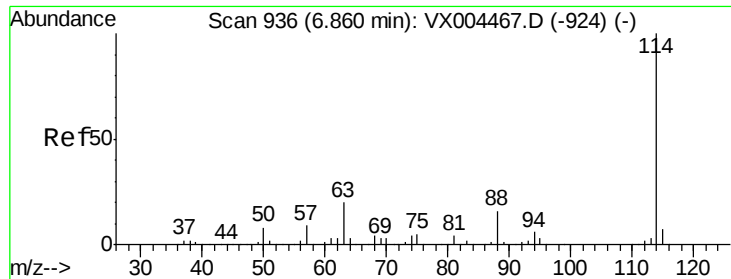
67 52.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

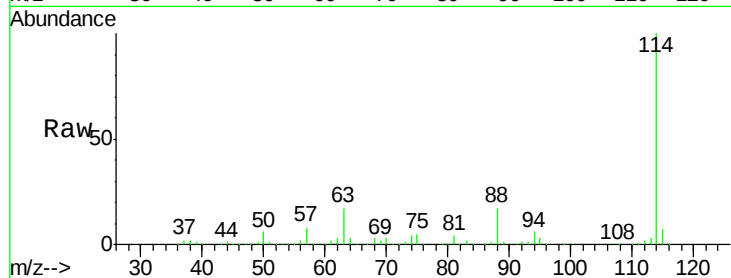




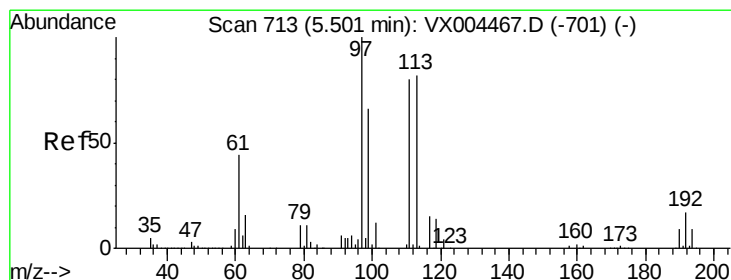
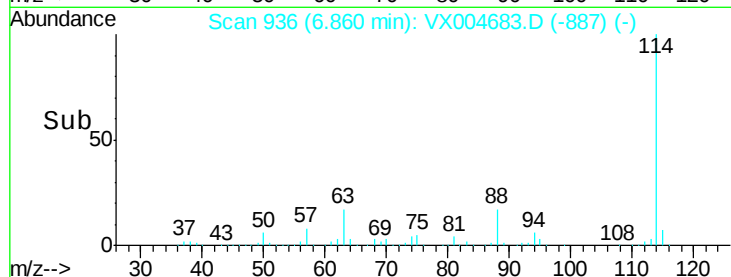
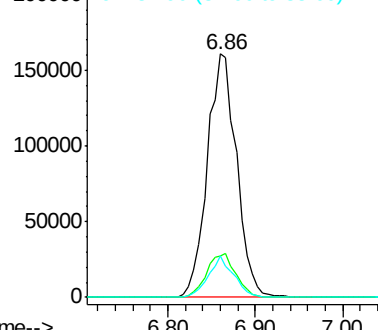
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004683.D
 Acq: 19 Sep 2018 03:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Tot Ion:114 Resp: 374686
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 39.0
 88 17.1 0.0 30.4

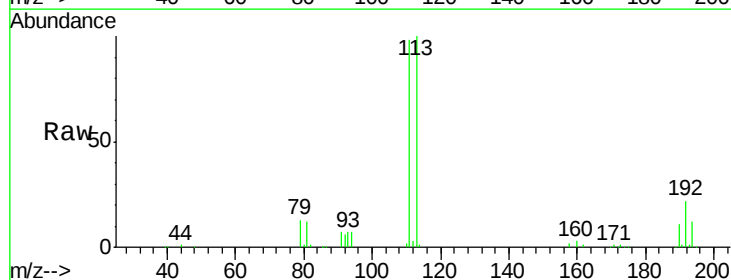


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

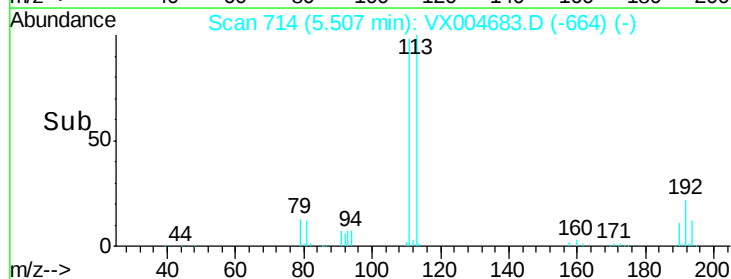
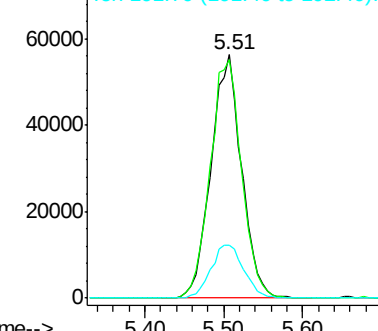


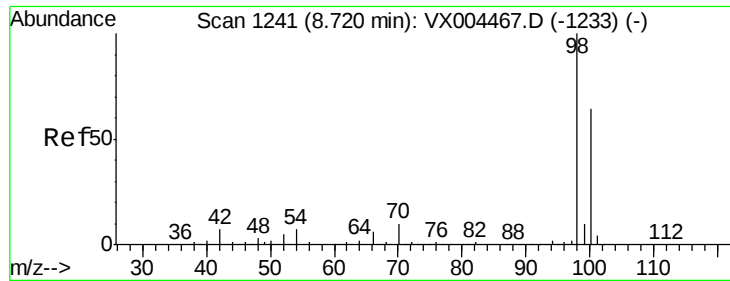
#35
 Dibromofluoromethane
 Concen: 44.13 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004683.D
 Acq: 19 Sep 2018 03:23

Tgt Ion:113 Resp: 151301
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.4 123.6
 192 23.3 19.4 29.2



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

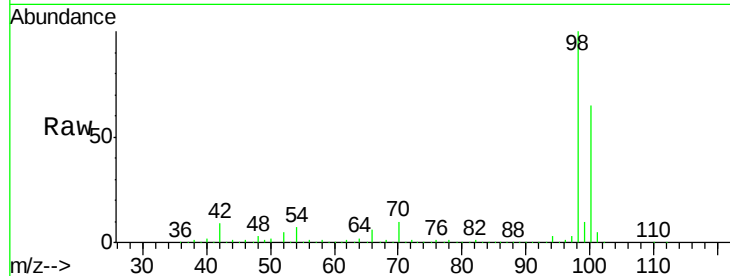




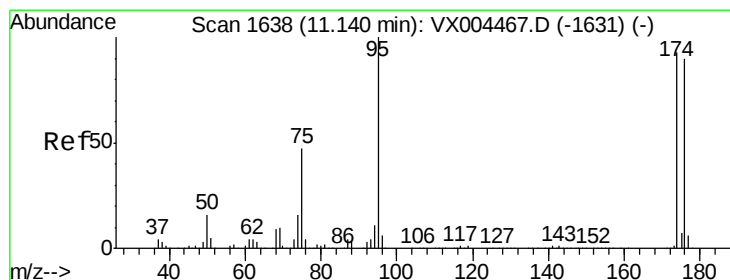
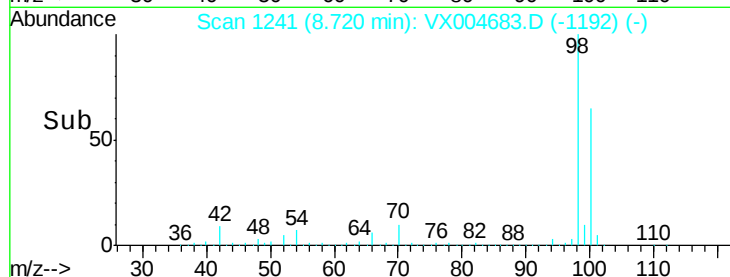
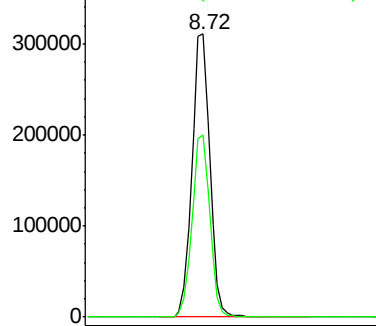
#50
Toluene-d8
Concen: 42.77 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004683.D
Acq: 19 Sep 2018 03:23

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tot Ion: 98 Resp: 491760
Ion Ratio Lower Upper
98 100
100 63.9 52.9 79.3

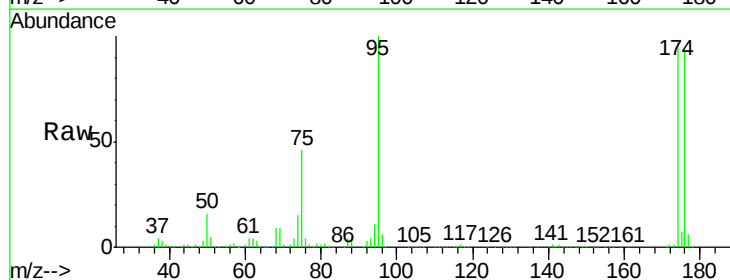


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

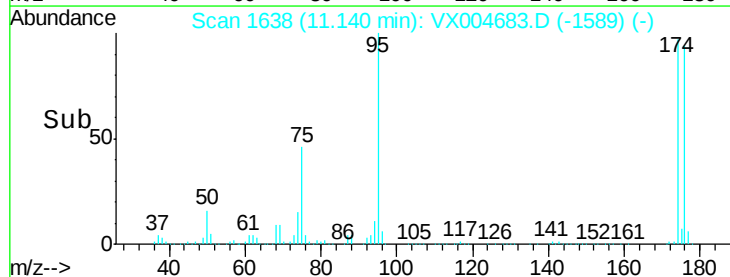
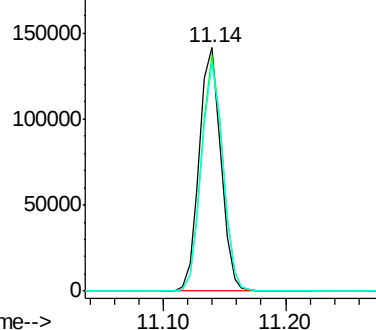


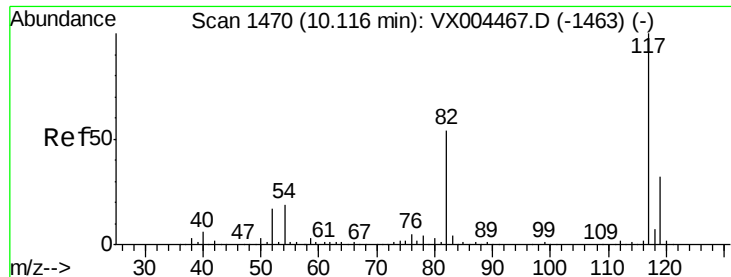
#62
4-Bromofluorobenzene
Concen: 42.09 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004683.D
Acq: 19 Sep 2018 03:23

Tgt Ion: 95 Resp: 172740
Ion Ratio Lower Upper
95 100
174 95.5 0.0 185.2
176 92.6 0.0 178.6



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

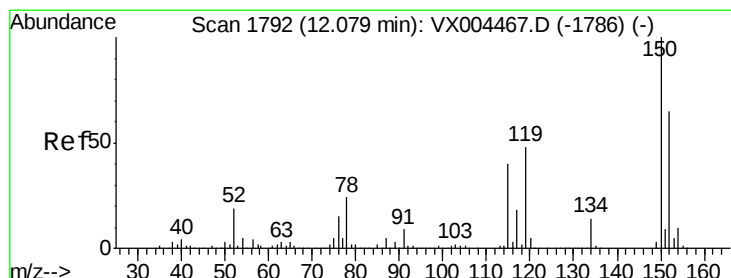
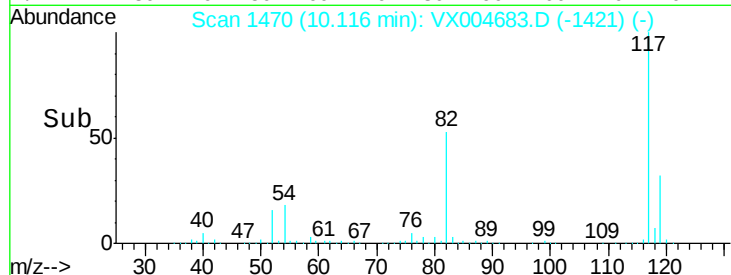
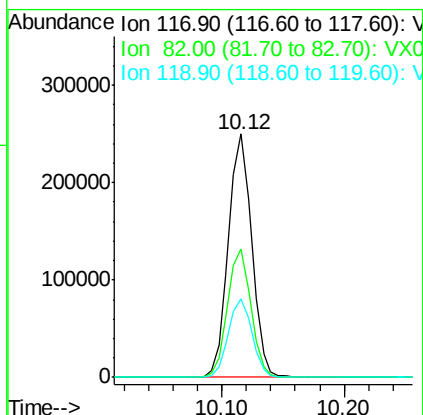
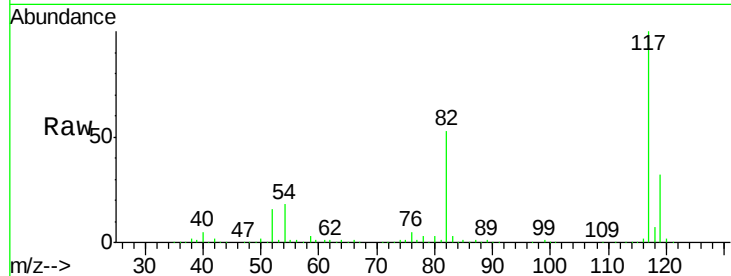




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004683.D
Acq: 19 Sep 2018 03:23

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tot Ion:117 Resp: 330469
Ion Ratio Lower Upper
117 100
82 52.5 47.8 71.6
119 32.2 29.3 43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004683.D
Acq: 19 Sep 2018 03:23

Tgt Ion:152 Resp: 211962
Ion Ratio Lower Upper
152 100
115 52.9 39.0 117.0
150 155.7 0.0 351.0

