

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121818\
 Data File : VX006598.D
 Acq On : 18 Dec 2018 15:25
 Operator : JC/MD
 Sample : J6413-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2R

Quant Time: Dec 19 11:07:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:23:17 2018
 Response via : Initial Calibration

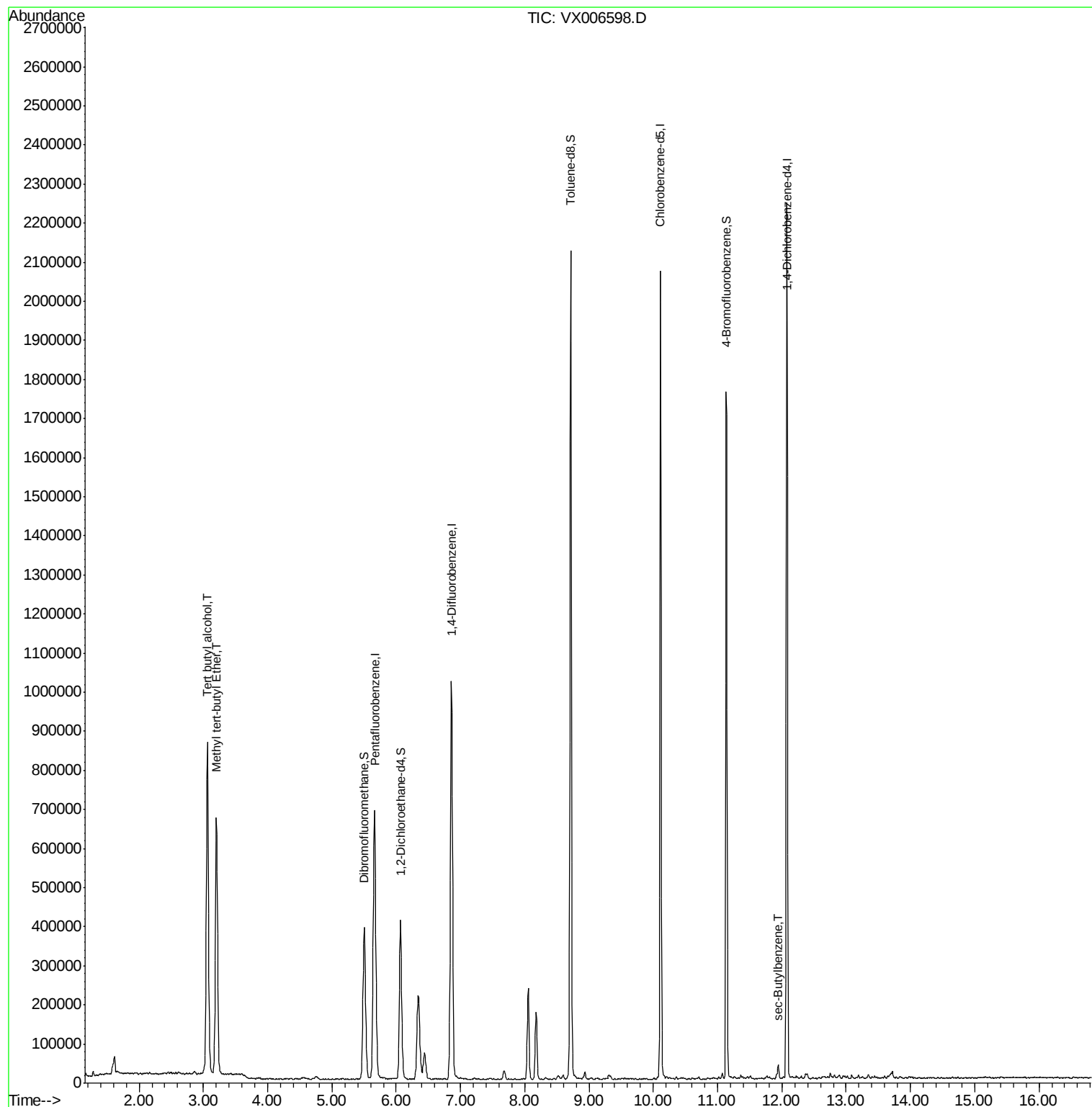
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	715544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1110518	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1005310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	485638	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	379021	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
35) Dibromofluoromethane	5.50	113	330436	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.10%	
50) Toluene-d8	8.71	98	1309191	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
62) 4-Bromofluorobenzene	11.13	95	478587	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
Target Compounds						
11) Tert butyl alcohol	3.06	59	1069199	621.242	ug/l	Qvalue 100
19) Methyl tert-butyl Ether	3.20	73	761422	35.884	ug/l	97
85) sec-Butylbenzene	11.94	105	17313	0.516	ug/l	97

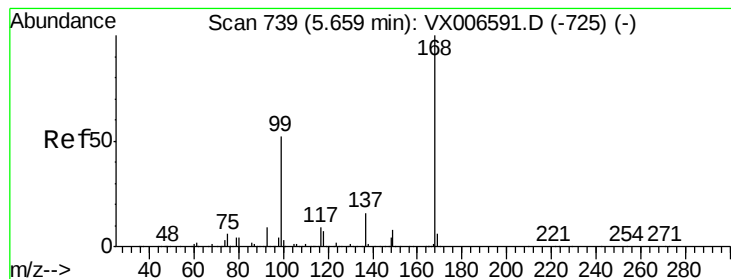
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 18 13:23:17 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006598.D

Acq: 18 Dec 2018 15:25

Instrument :

MSVOA_X

ClientSampleId :

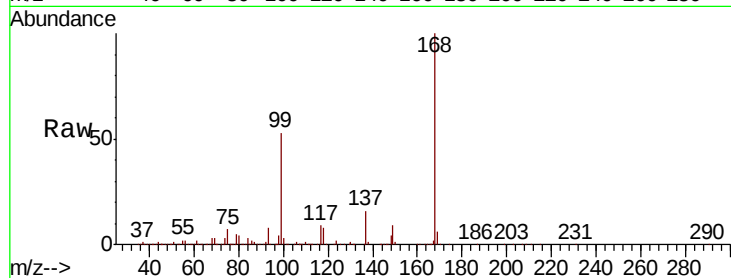
MW-2R

Tot Ion:168 Resp: 715544

Ion Ratio Lower Upper

168 100

99 52.6 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

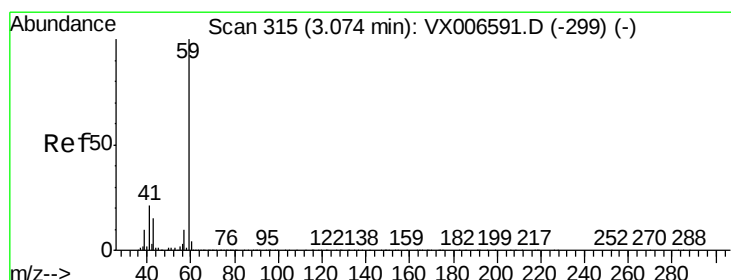
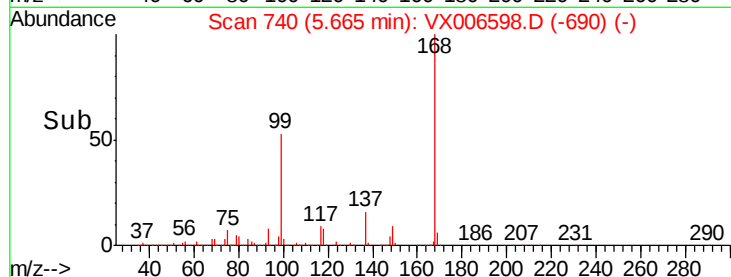
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 621.242 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX006598.D

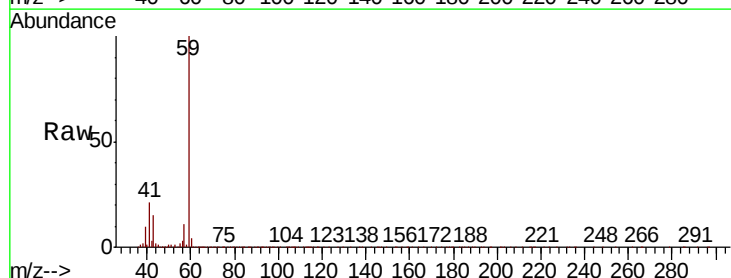
Acq: 18 Dec 2018 15:25

Tgt Ion: 59 Resp: 1069199

Ion Ratio Lower Upper

59 100

57 10.3 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.06

500000

400000

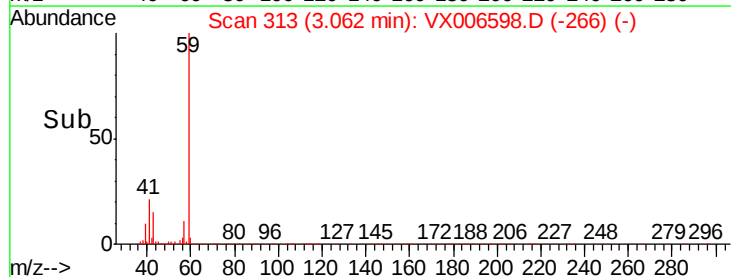
300000

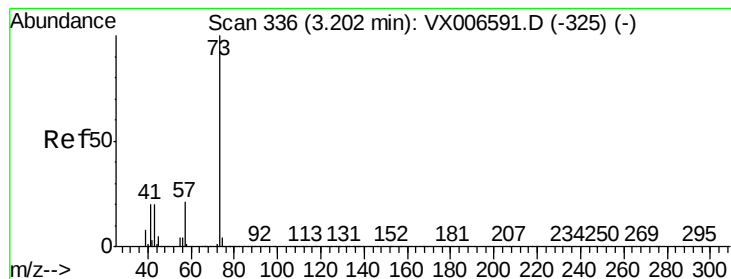
200000

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Time-->



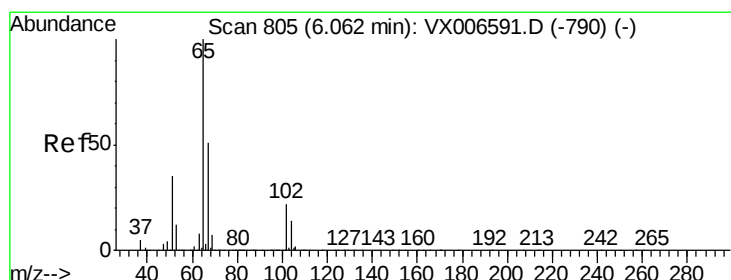
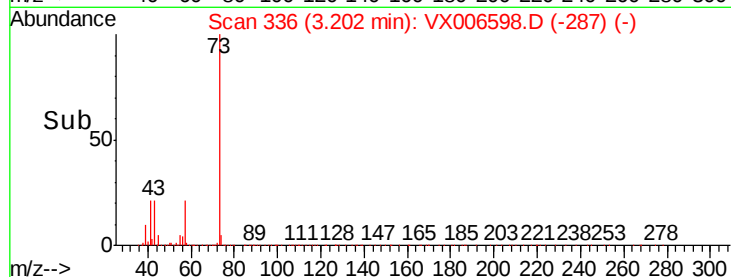
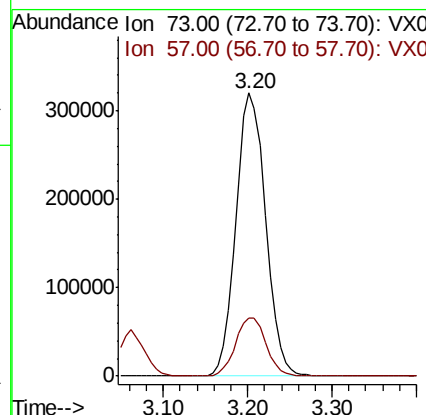
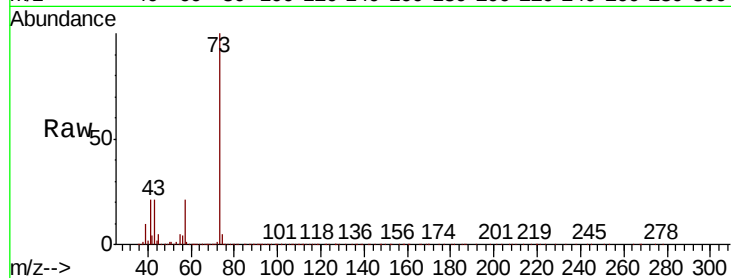


#19

Methvl tert-butvl Ether
 Concen: 35.884 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX006598.D
 Acq: 18 Dec 2018 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2R

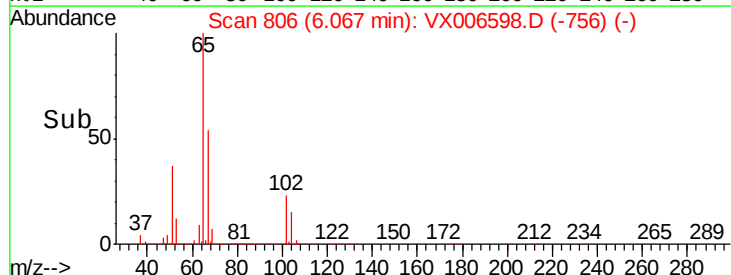
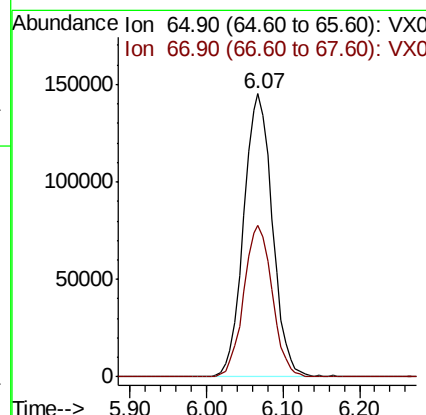
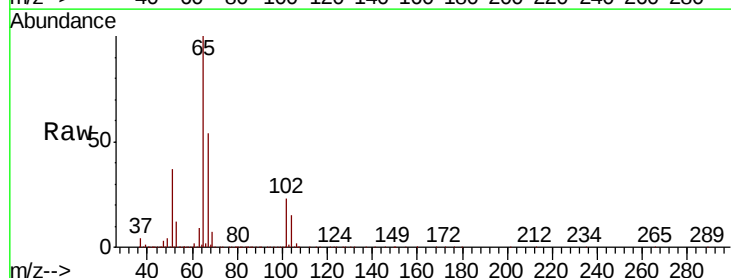
Tot Ion: 73 Resp: 761422
 Ion Ratio Lower Upper
 73 100
 57 20.5 17.5 26.3

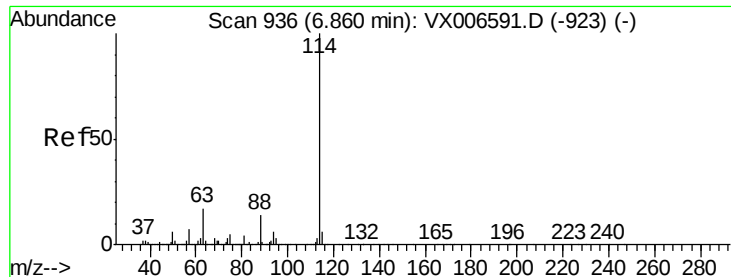


#33

1,2-Dichloroethane-d4
 Concen: 49.148 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006598.D
 Acq: 18 Dec 2018 15:25

Tgt Ion: 65 Resp: 379021
 Ion Ratio Lower Upper
 65 100
 67 52.9 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: VX006598.D

Acq: 18 Dec 2018 15:25

Instrument :

MSVOA_X

ClientSampleId :

MW-2R

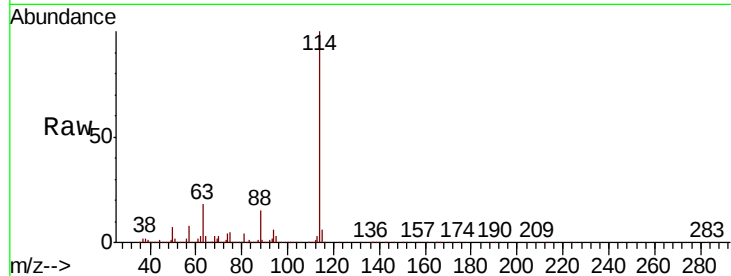
Tot Ion:114 Resp: 1110518

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.6

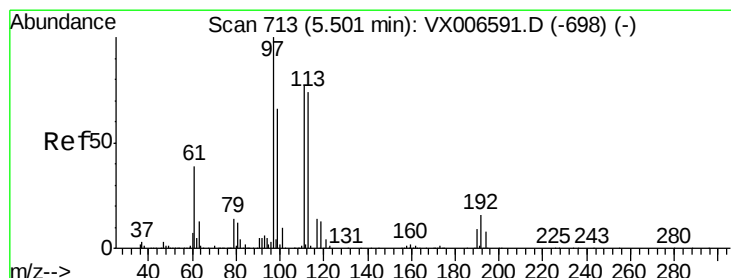
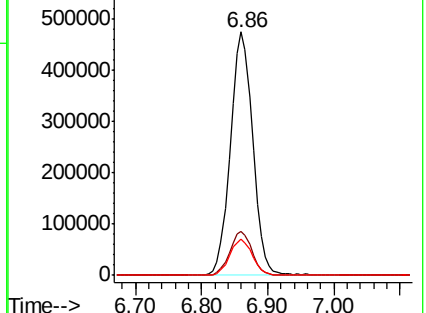
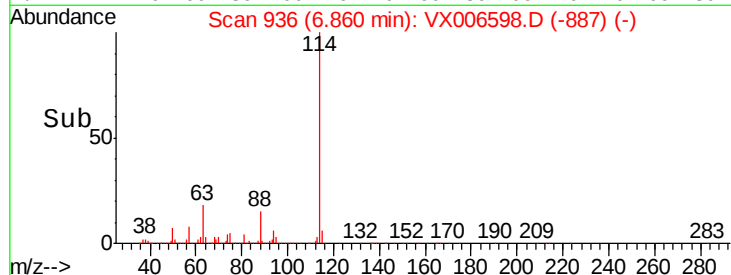
88 15.1 0.0 29.0



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: 47.053 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006598.D

Acq: 18 Dec 2018 15:25

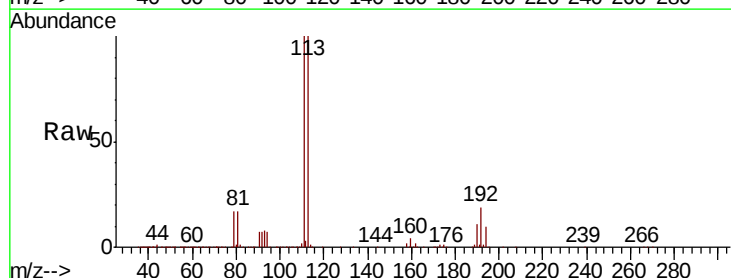
Tgt Ion:113 Resp: 330436

Ion Ratio Lower Upper

113 100

111 102.1 81.1 121.7

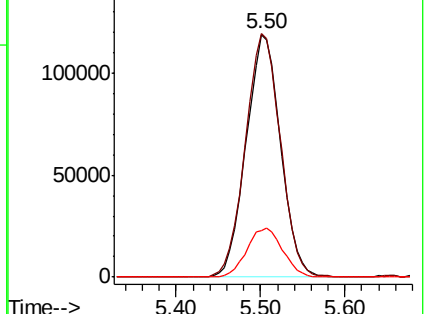
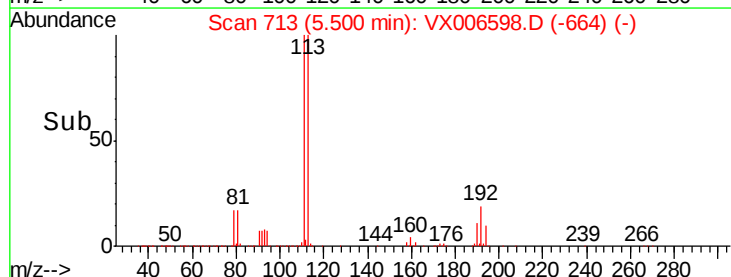
192 21.0 18.2 27.2

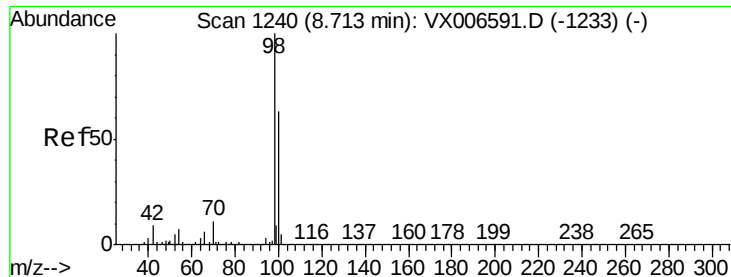


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.448 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006598.D

Acq: 18 Dec 2018 15:25

Instrument :

MSVOA_X

ClientSampleId :

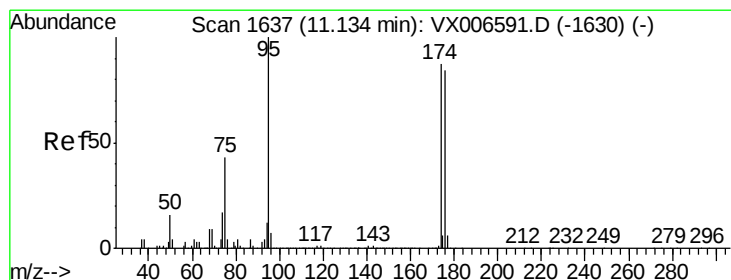
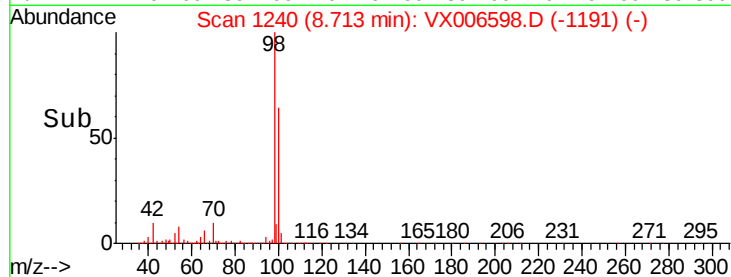
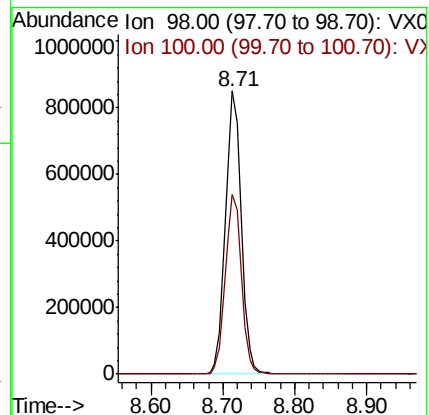
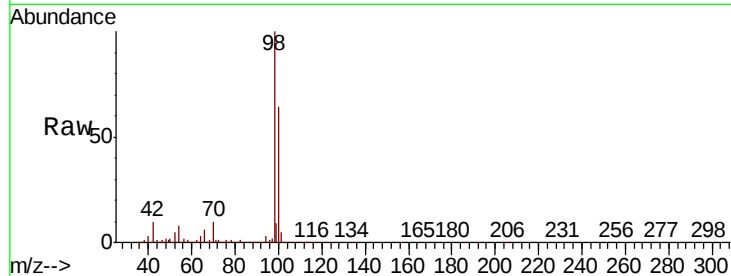
MW-2R

Tot Ion: 98 Resp: 1309191

Ion Ratio Lower Upper

98 100

100 64.5 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.356 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006598.D

Acq: 18 Dec 2018 15:25

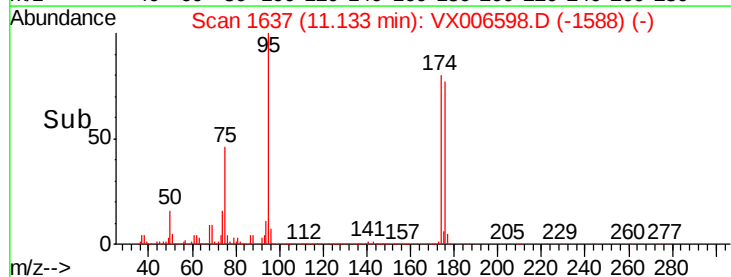
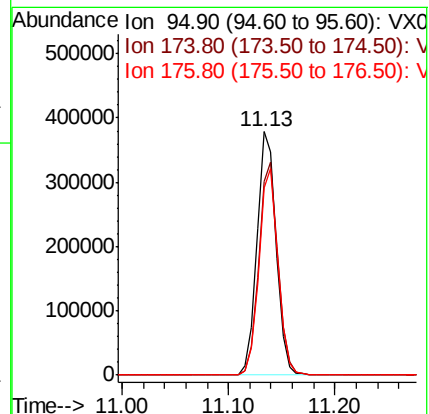
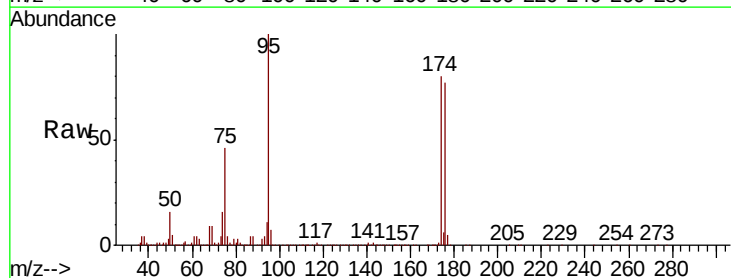
Tgt Ion: 95 Resp: 478587

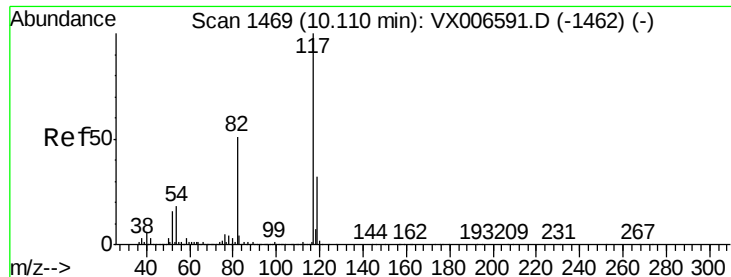
Ion Ratio Lower Upper

95 100

174 87.1 0.0 187.0

176 84.4 0.0 181.8

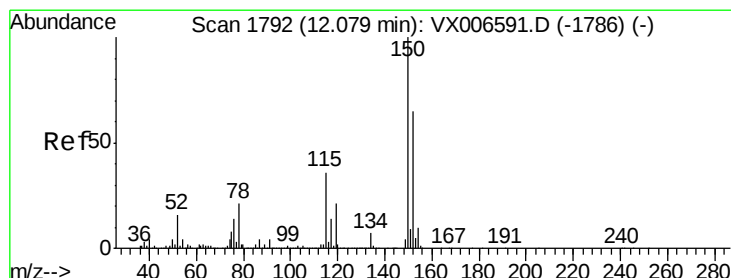
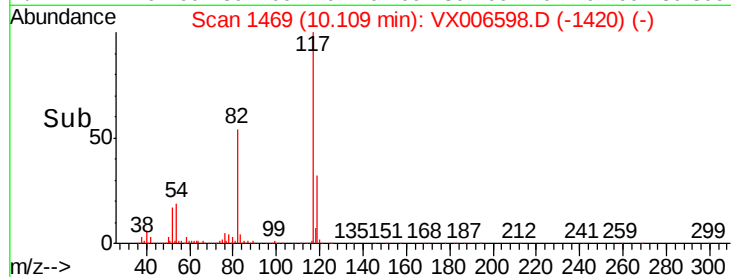
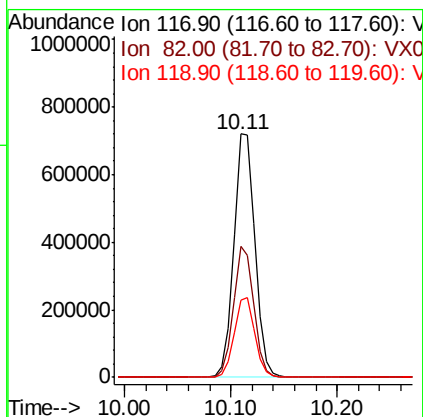
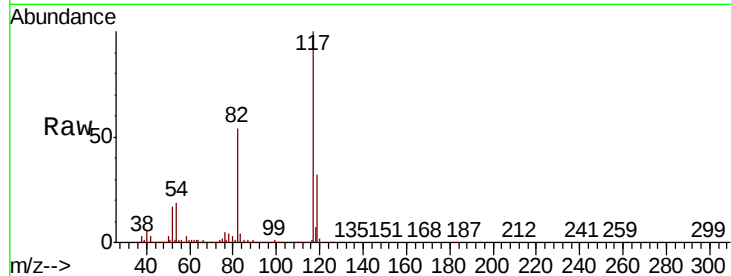




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006598.D
Acq: 18 Dec 2018 15:25

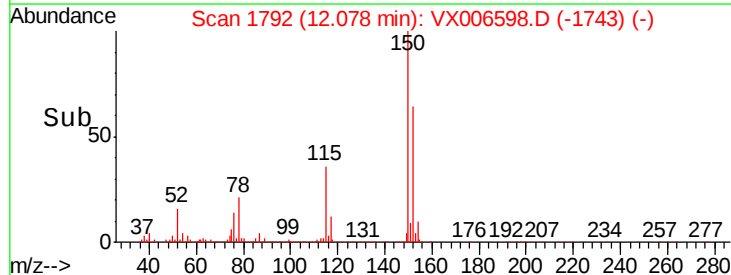
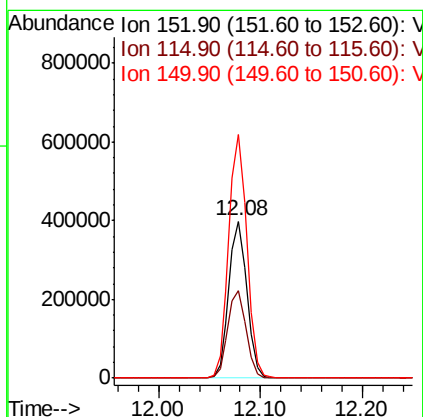
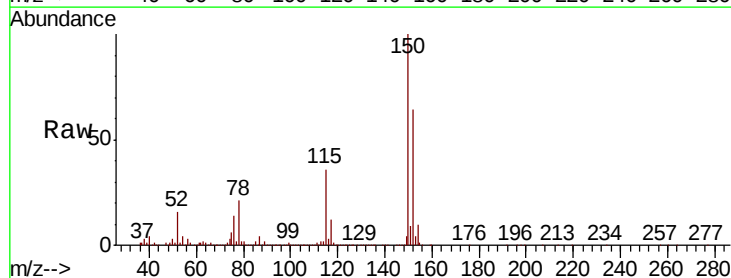
Instrument :
MSVOA_X
ClientSampled :
MW-2R

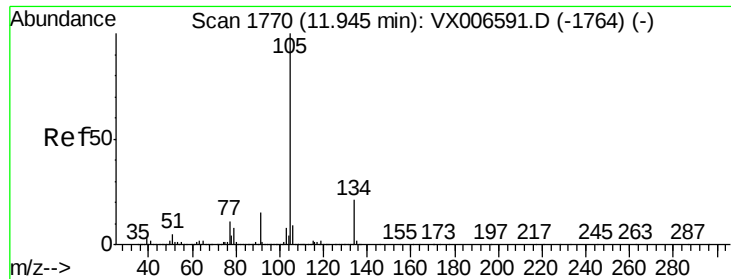
Tot Ion:117 Resp: 1005310
Ion Ratio Lower Upper
117 100
82 53.9 39.6 59.4
119 31.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006598.D
Acq: 18 Dec 2018 15:25

Tgt Ion:152 Resp: 485638
Ion Ratio Lower Upper
152 100
115 56.7 39.0 116.9
150 156.8 0.0 345.8





#85
 sec-Butylbenzene
 Concen: 0.516 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006598.D
 Acq: 18 Dec 2018 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2R

Tot Ion:105 Resp: 17313
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.8 32.4

