

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
 Data File : VX004807.D
 Acq On : 28 Sep 2018 06:51
 Operator : JC/MD
 Sample : J5101-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C-1329

Quant Time: Sep 28 08:39:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

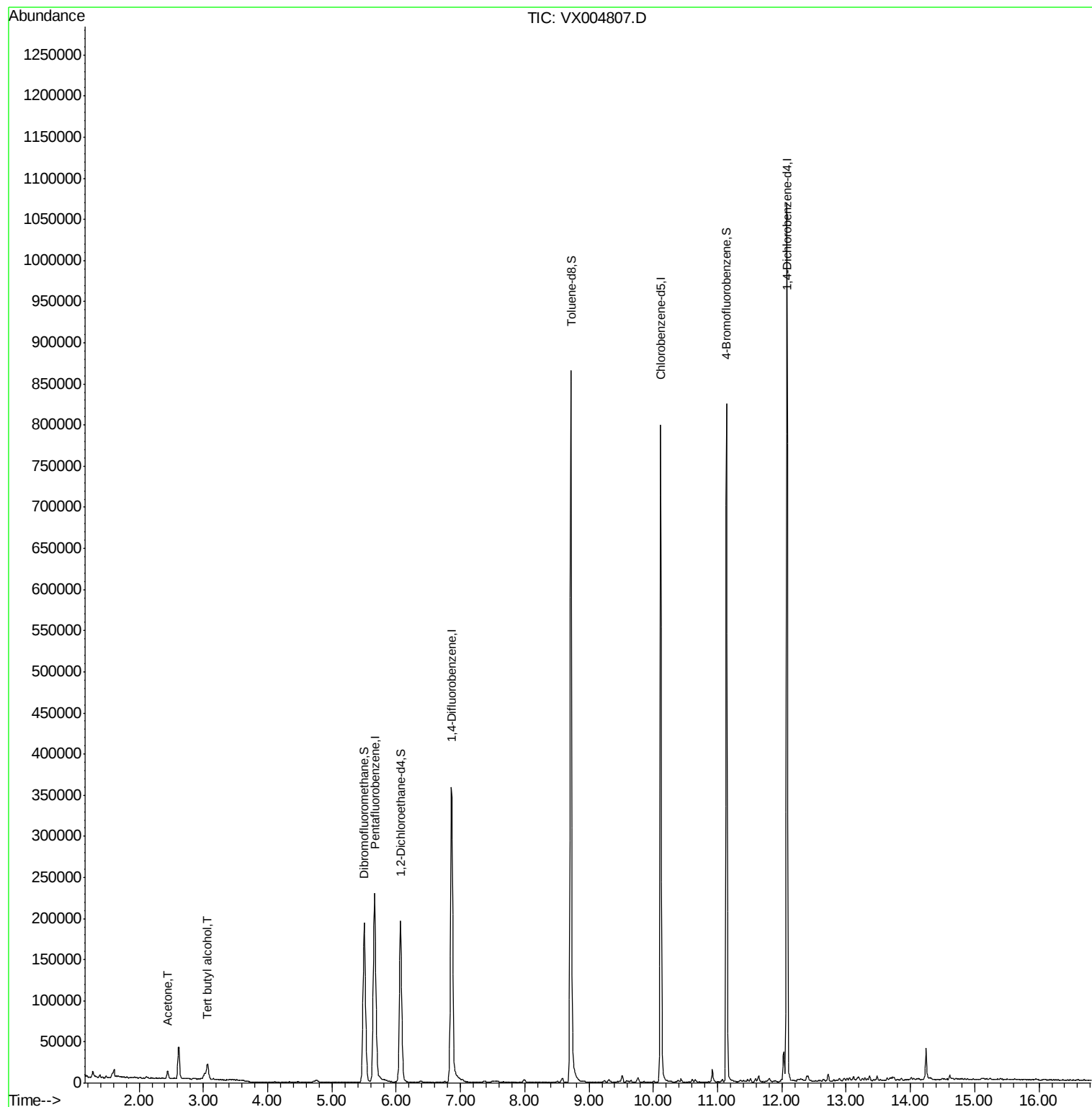
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	237880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	382455	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	376054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	214990	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	189310	55.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.42%	
35) Dibromofluoromethane	5.50	113	157575	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
50) Toluene-d8	8.72	98	558404	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
62) 4-Bromofluorobenzene	11.14	95	203165	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
Target Compounds						
11) Tert butyl alcohol	3.07	59	27385	28.822	ug/l	99
16) Acetone	2.45	43	10909	5.499	ug/l	91

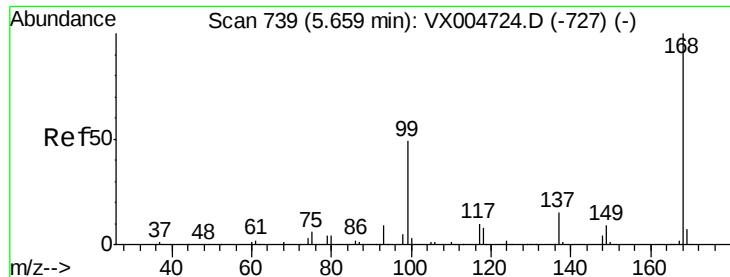
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: VX004807.D

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Instrument :

MSVOA_X

ClientSampleId :

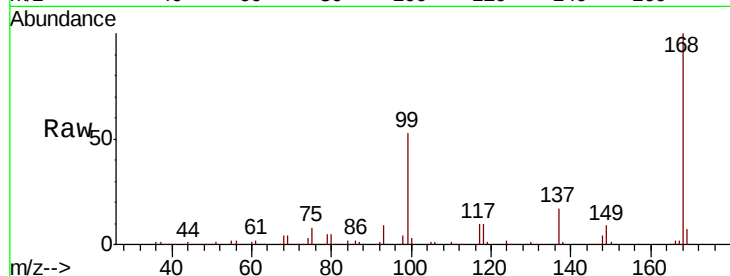
C-1329

Tot Ion:168 Resp: 237880

Ion Ratio Lower Upper

168 100

99 53.3 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

80000

60000

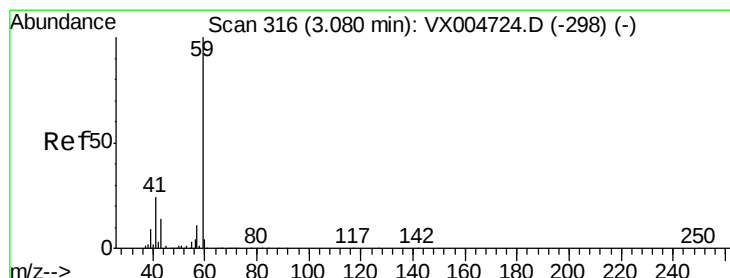
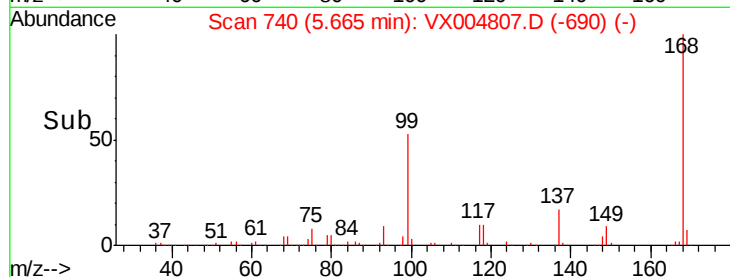
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#11

Tert butyl alcohol

Concen: 28.822 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX004807.D

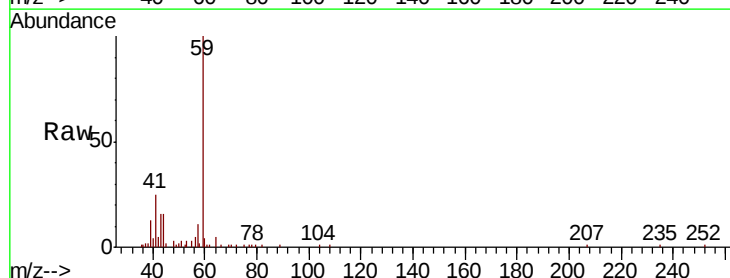
Acq: 28 Sep 2018 06:51

Tgt Ion: 59 Resp: 27385

Ion Ratio Lower Upper

59 100

57 9.8 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

10000

8000

6000

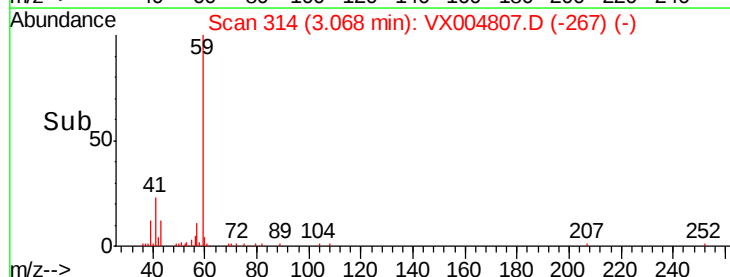
4000

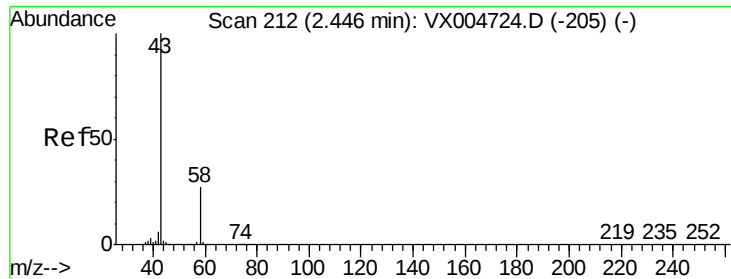
2000

0

Time-->

2.90 3.00 3.10 3.20





#16

Acetone

Concen: 5.499 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004807.D

Acq: 28 Sep 2018 06:51

Instrument :

MSVOA_X

ClientSampled :

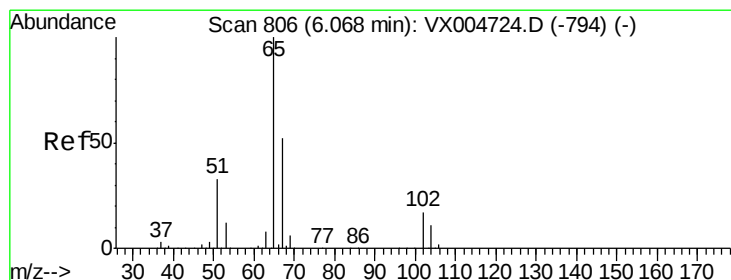
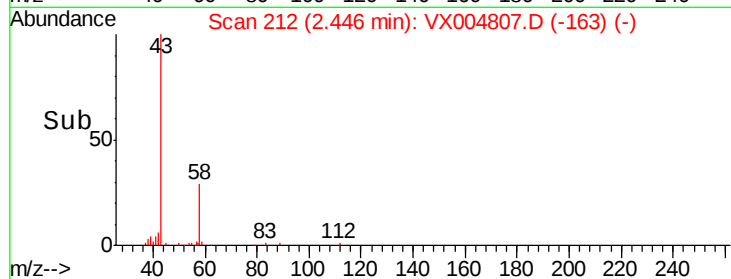
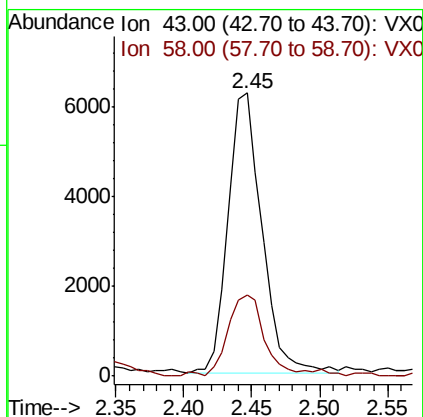
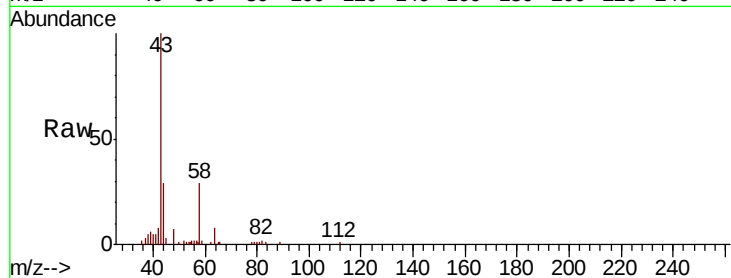
C-1329

Tot Ion: 43 Resp: 10909

Ion Ratio Lower Upper

43 100

58 27.9 26.2 39.4



#33

1,2-Dichloroethane-d4

Concen: 55.710 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004807.D

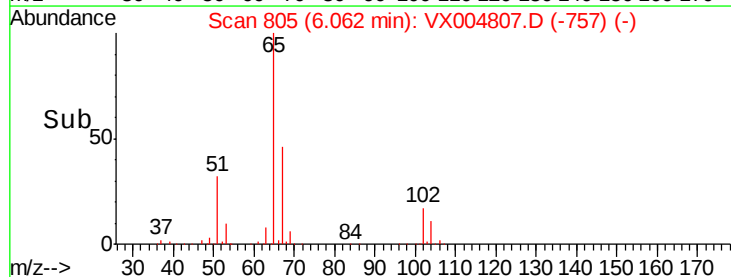
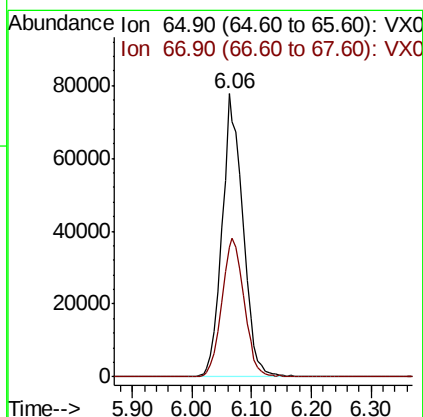
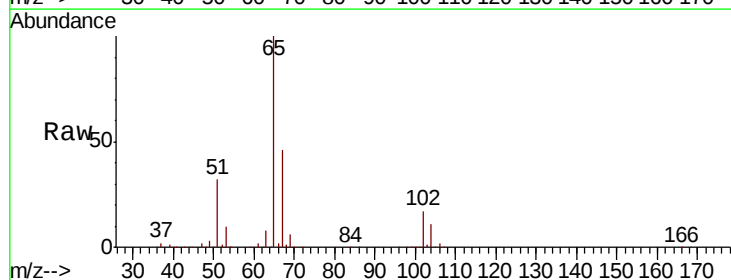
Acq: 28 Sep 2018 06:51

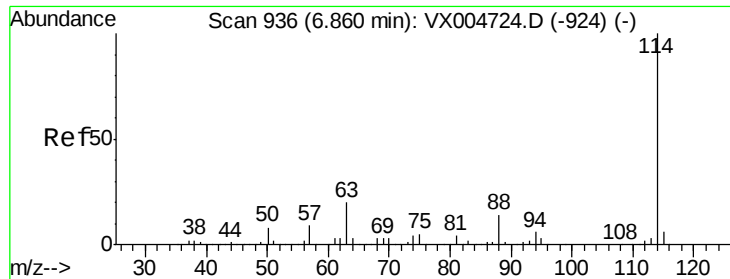
Tgt Ion: 65 Resp: 189310

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.8

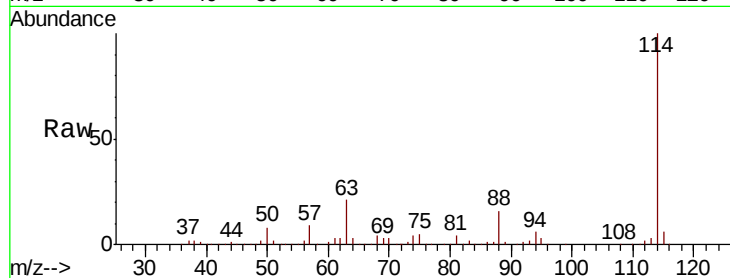




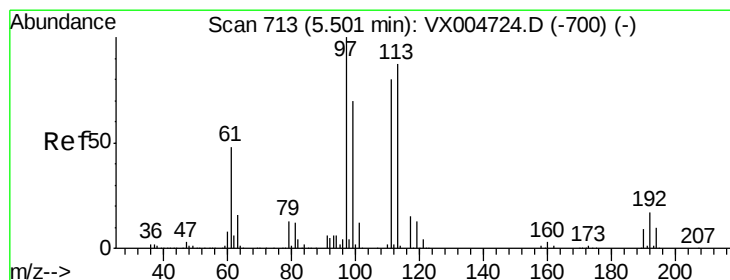
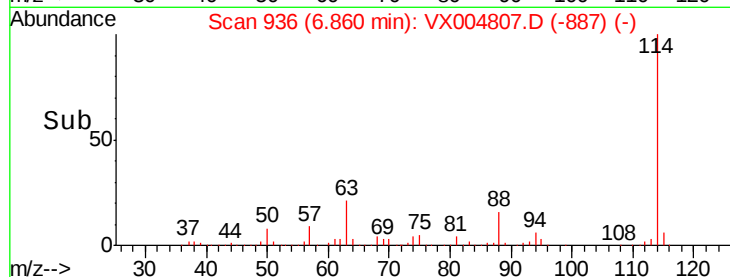
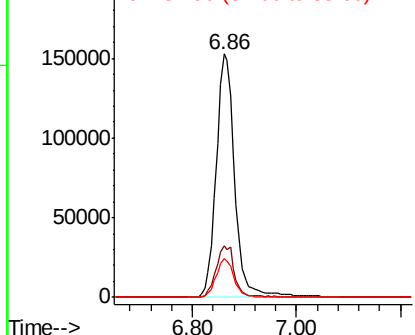
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004807.D
 Acq: 28 Sep 2018 06:51

Instrument :
 MSVOA_X
 ClientSampleId :
 C-1329

Tot Ion:114 Resp: 382455
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 39.0
 88 16.2 0.0 30.4

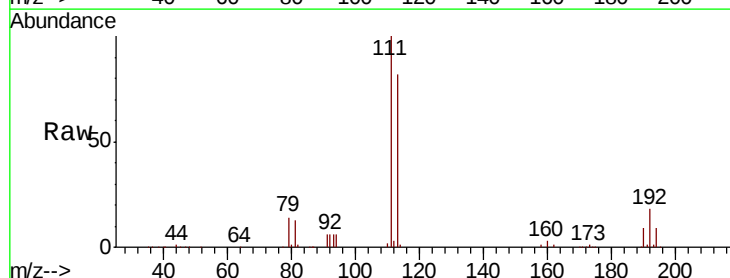


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

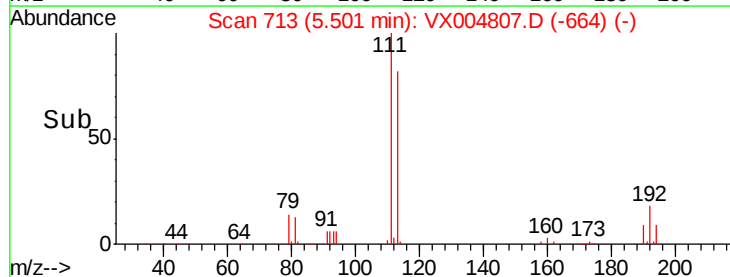
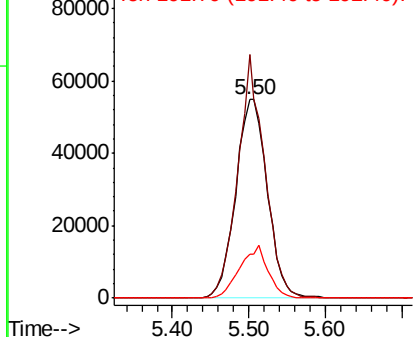


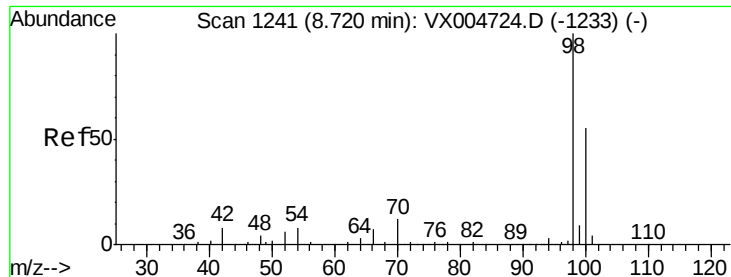
#35
 Dibromofluoromethane
 Concen: 48.614 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004807.D
 Acq: 28 Sep 2018 06:51

Tgt Ion:113 Resp: 157575
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.4 123.6
 192 23.6 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

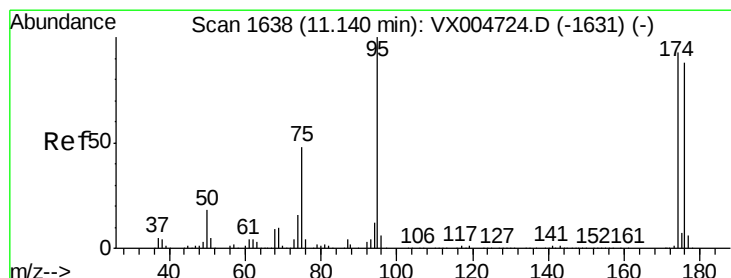
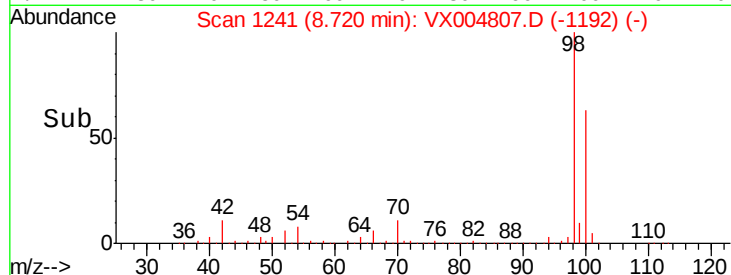
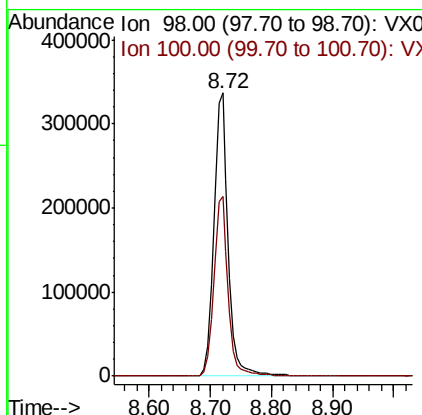
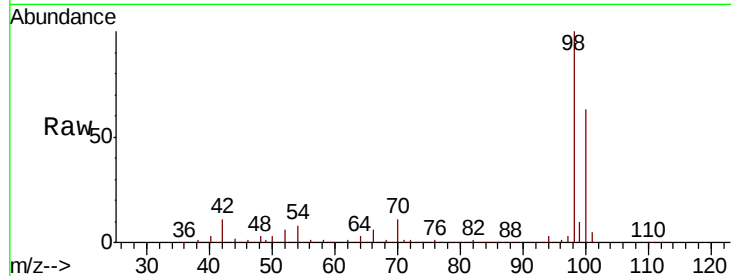




#50
Toluene-d8
Concen: 51.820 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004807.D
Acq: 28 Sep 2018 06:51

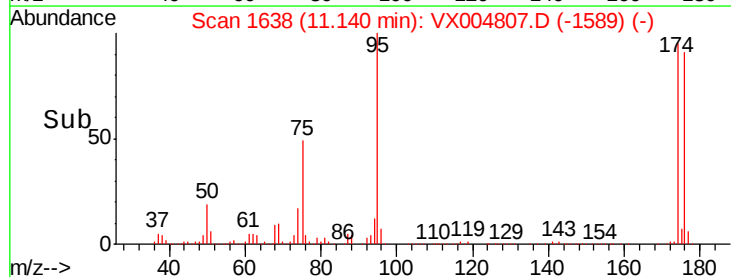
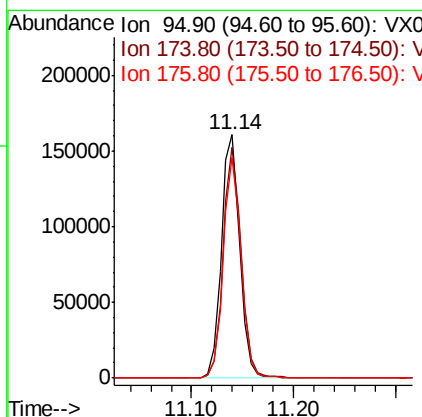
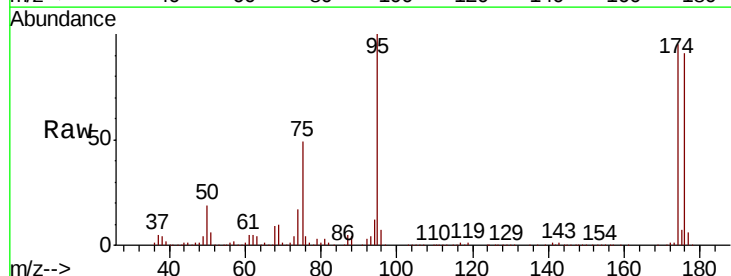
Instrument :
MSVOA_X
ClientSampleId :
C-1329

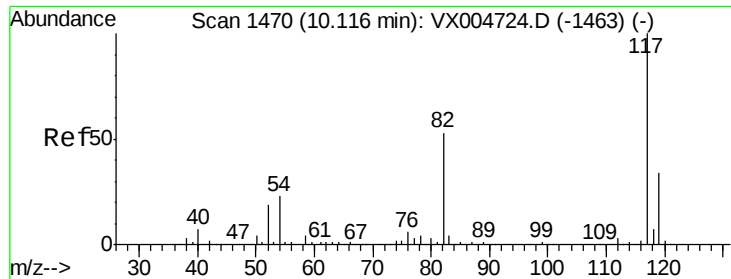
Tot Ion: 98 Resp: 558404
Ion Ratio Lower Upper
98 100
100 63.6 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 52.334 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004807.D
Acq: 28 Sep 2018 06:51

Tgt Ion: 95 Resp: 203165
Ion Ratio Lower Upper
95 100
174 92.4 0.0 185.2
176 87.9 0.0 178.6

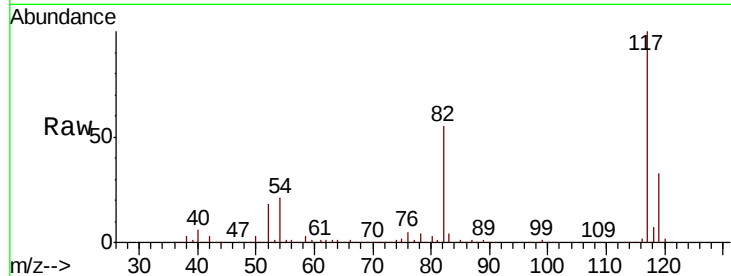




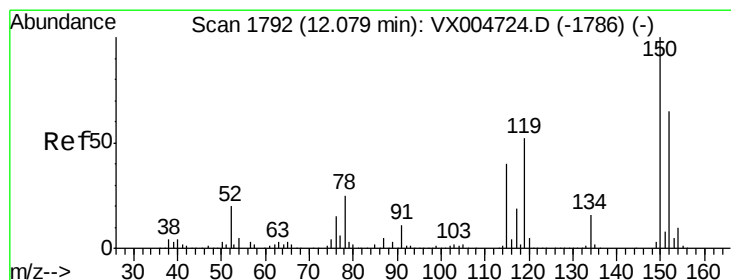
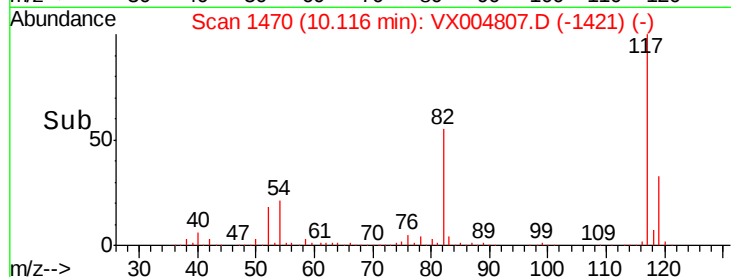
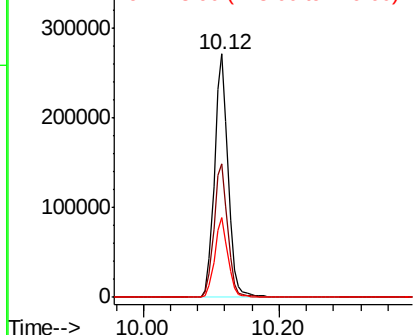
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004807.D
Acq: 28 Sep 2018 06:51

Instrument :
MSVOA_X
ClientSampleId :
C-1329

Tot Ion:117 Resp: 376054
Ion Ratio Lower Upper
117 100
82 54.9 47.8 71.6
119 32.8 29.3 43.9

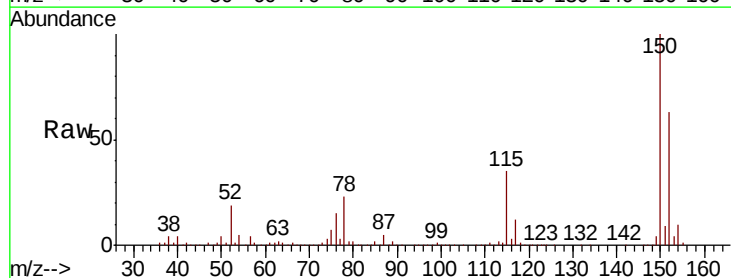


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004807.D
Acq: 28 Sep 2018 06:51

Tgt Ion:152 Resp: 214990
Ion Ratio Lower Upper
152 100
115 55.8 39.0 117.0
150 158.1 0.0 351.0



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

