

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041219\
 Data File : VX008899.D
 Acq On : 12 Apr 2019 20:11
 Operator : JC/SP
 Sample : K2367-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-TB-2019-3

Quant Time: Apr 13 06:04:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	189348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	306710	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	261505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	107993	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	124496	45.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.16%	
35) Dibromofluoromethane	5.50	113	91069	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
50) Toluene-d8	8.71	98	377143	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
62) 4-Bromofluorobenzene	11.13	95	123626	44.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.30%	

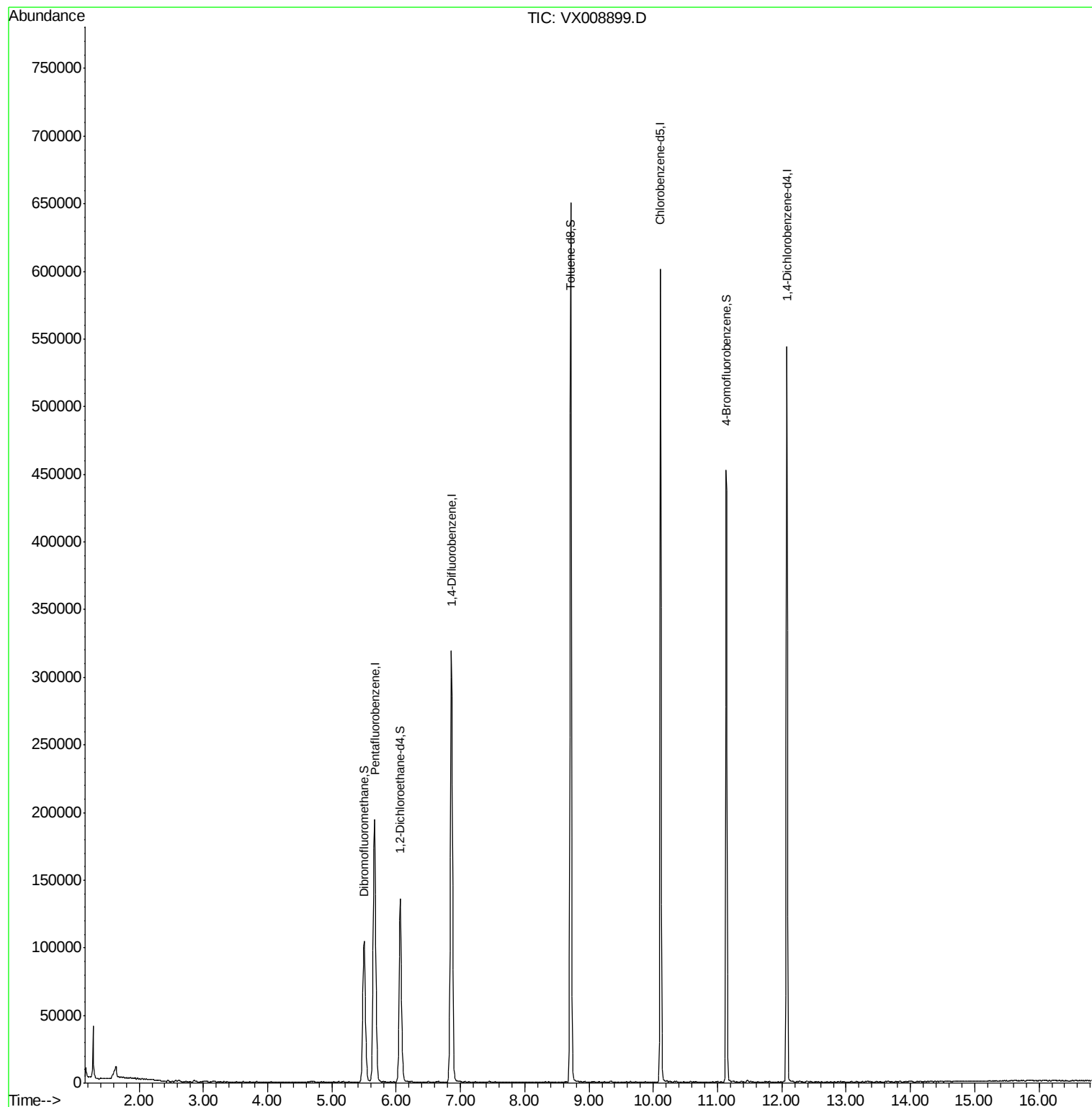
Target Compounds	Qvalue
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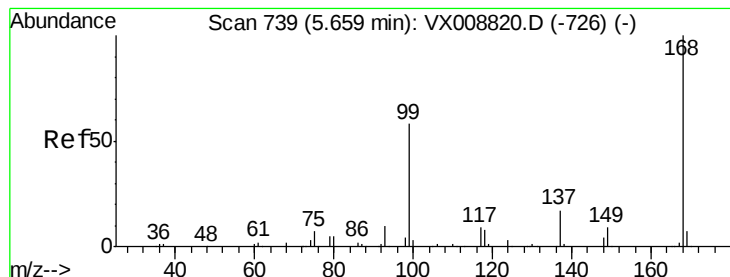
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008899.D

Acq: 12 Apr 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

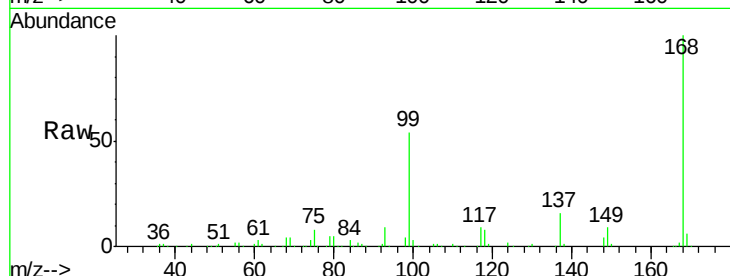
S8-TB-2019-3

Tgt Ion:168 Resp: 189348

Ion Ratio Lower Upper

168 100

99 54.2 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

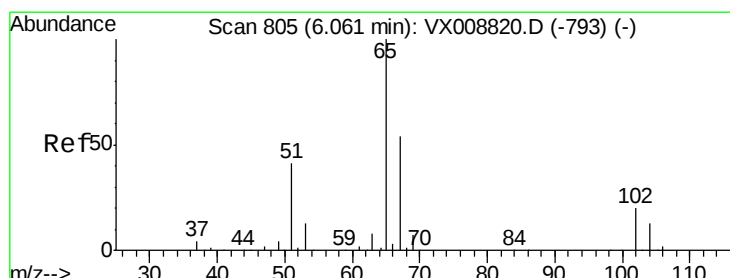
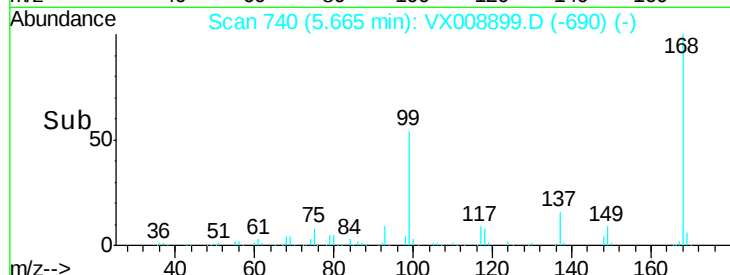
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 45.079 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008899.D

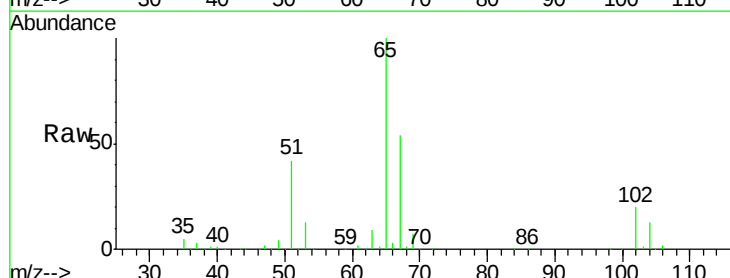
Acq: 12 Apr 2019 20:11

Tgt Ion: 65 Resp: 124496

Ion Ratio Lower Upper

65 100

67 54.3 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

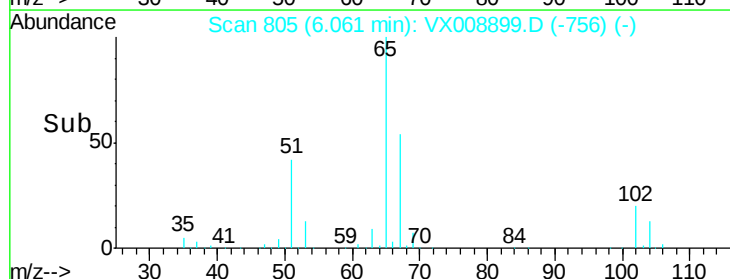
30000

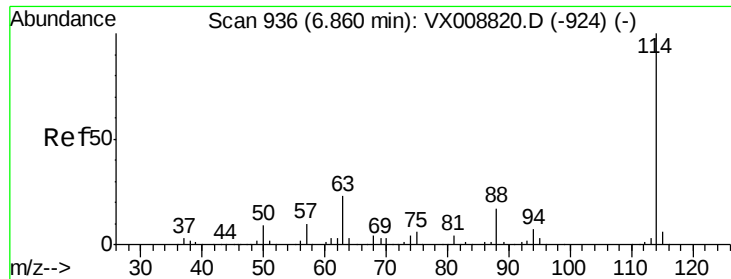
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

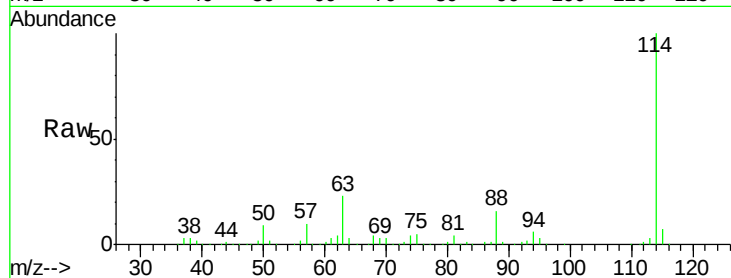




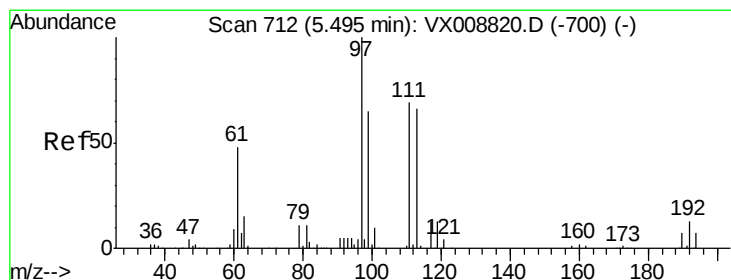
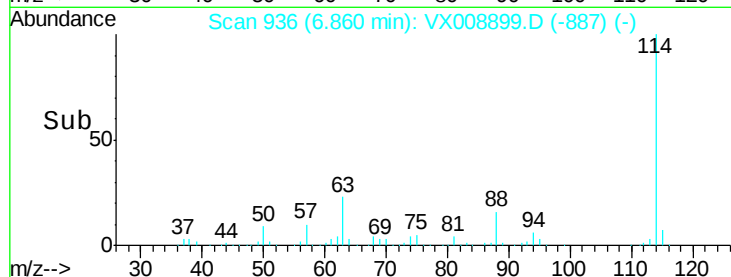
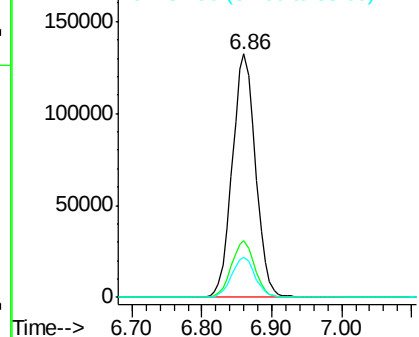
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008899.D
 Acq: 12 Apr 2019 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-TB-2019-3

Tgt Ion:114 Resp: 306710
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 47.2
 88 16.4 0.0 34.0

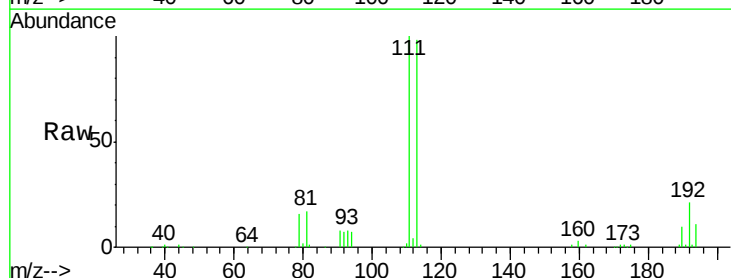


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

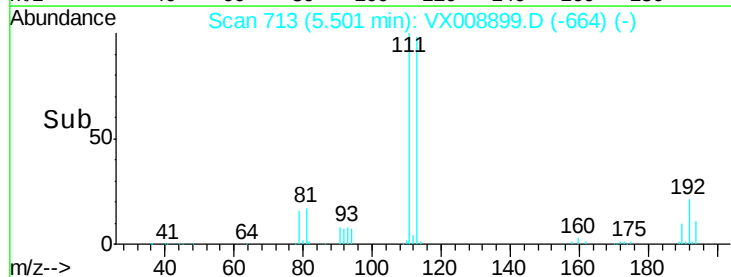
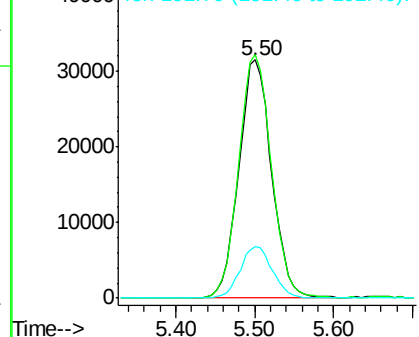


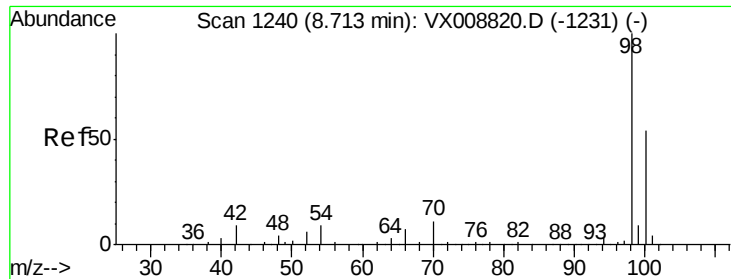
#35
 Dibromofluoromethane
 Concen: 46.440 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008899.D
 Acq: 12 Apr 2019 20:11

Tgt Ion:113 Resp: 91069
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.4 125.2
 192 21.4 16.1 24.1



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

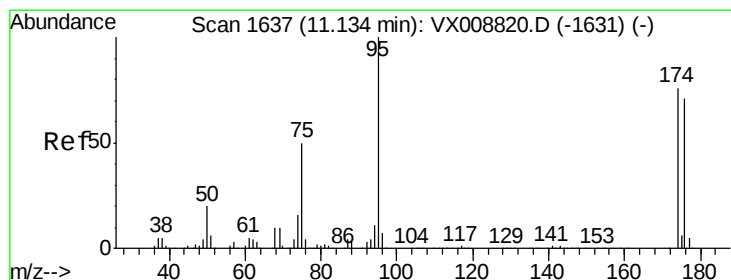
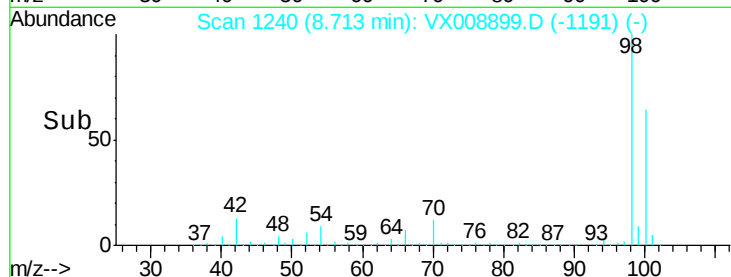
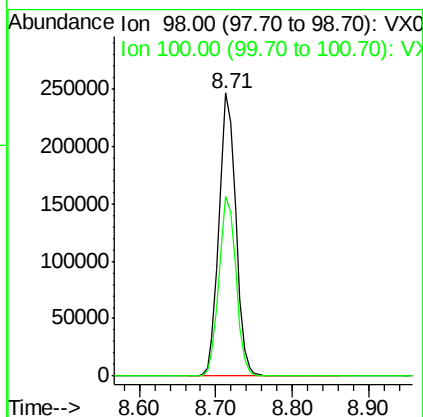
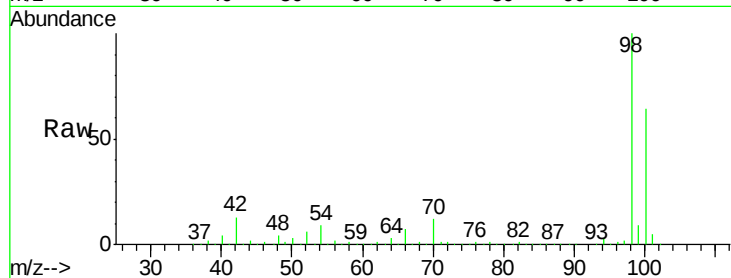




#50
Toluene-d8
Concen: 48.301 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008899.D
Acq: 12 Apr 2019 20:11

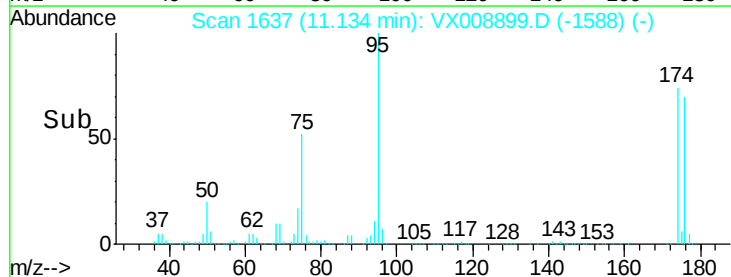
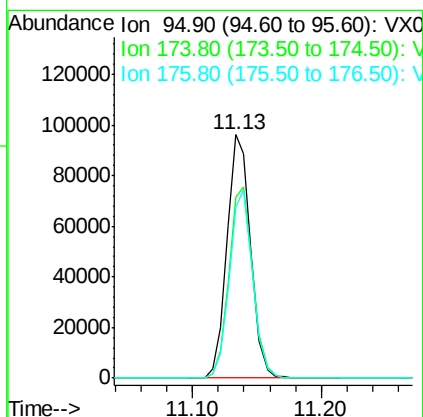
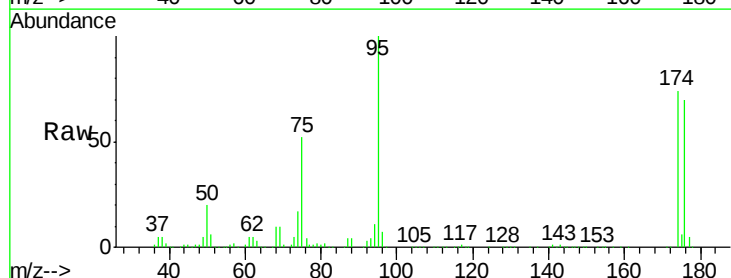
Instrument :
MSVOA_X
ClientSampled :
S8-TB-2019-3

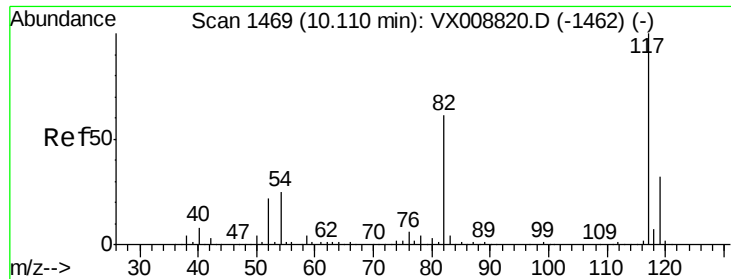
Tgt Ion: 98 Resp: 377143
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 44.648 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008899.D
Acq: 12 Apr 2019 20:11

Tgt Ion: 95 Resp: 123626
Ion Ratio Lower Upper
95 100
174 79.9 0.0 151.8
176 76.1 0.0 145.8

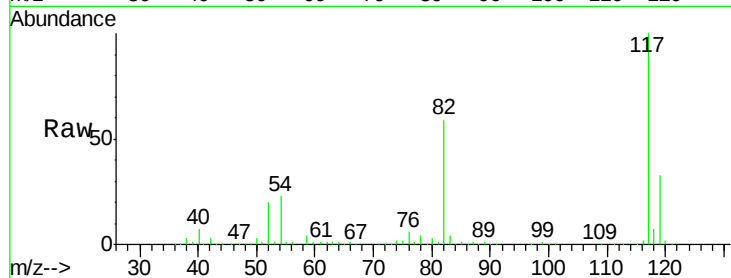




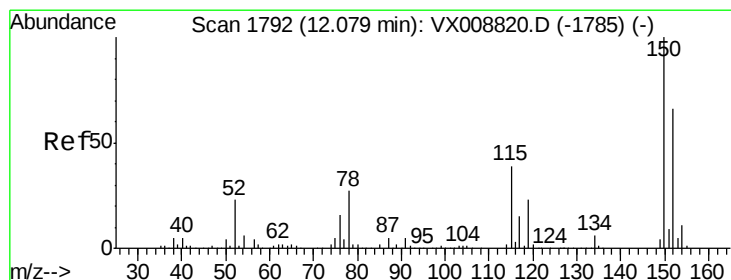
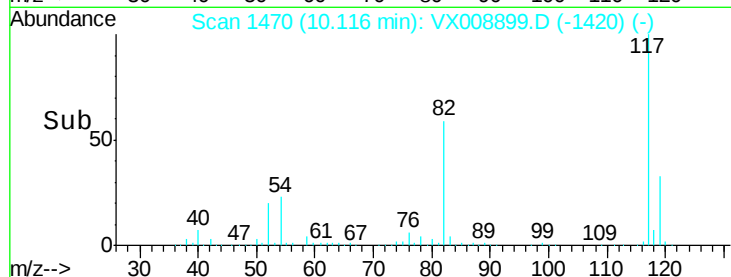
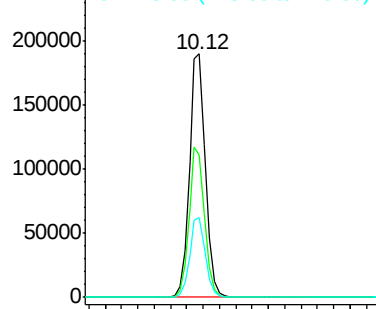
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008899.D
Acq: 12 Apr 2019 20:11

Instrument :
MSVOA_X
ClientSampleId :
S8-TB-2019-3

Tgt Ion:117 Resp: 261505
Ion Ratio Lower Upper
117 100
82 58.8 49.6 74.4
119 32.7 25.0 37.4

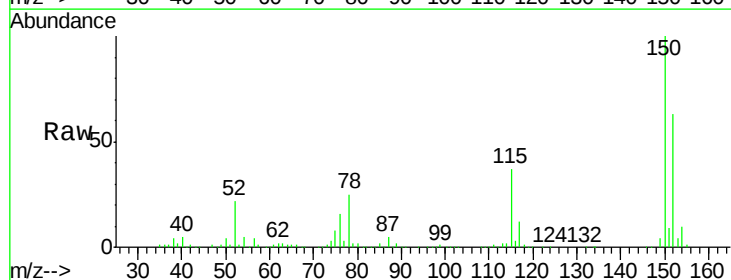


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008899.D
Acq: 12 Apr 2019 20:11

Tgt Ion:152 Resp: 107993
Ion Ratio Lower Upper
152 100
115 59.4 43.5 130.5
150 157.6 0.0 348.8



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

