

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040519\
 Data File : VX008694.D
 Acq On : 05 Apr 2019 20:06
 Operator : JC/SP
 Sample : K2275-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0710

Quant Time: Apr 08 10:36:55 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	5.66	168	209161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	345098	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	300340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128033	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	143578	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	
35) Dibromofluoromethane	5.50	113	104875	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
50) Toluene-d8	8.71	98	435222	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
62) 4-Bromofluorobenzene	11.13	95	147806	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	

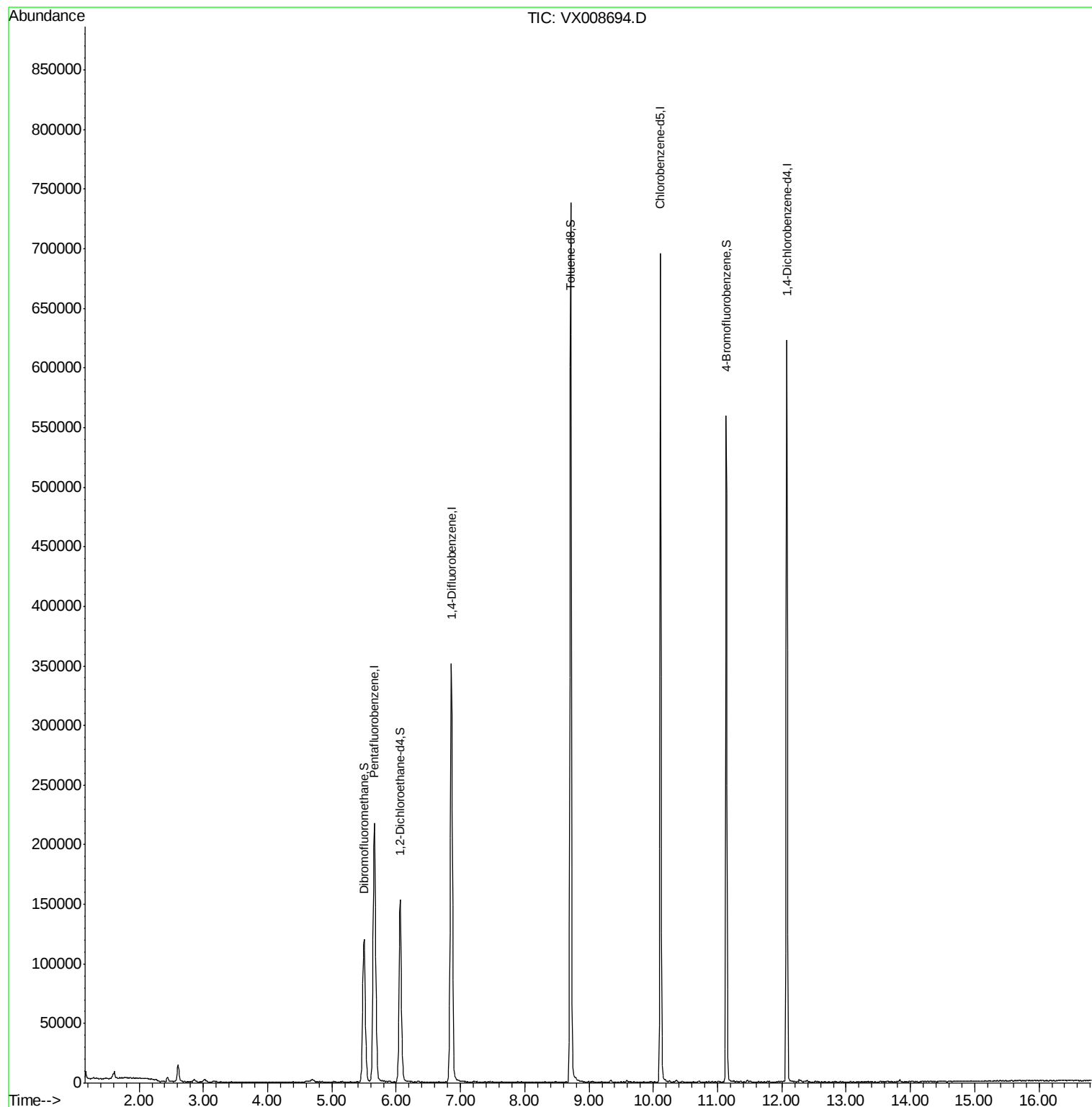
Target Compounds	Qvalue
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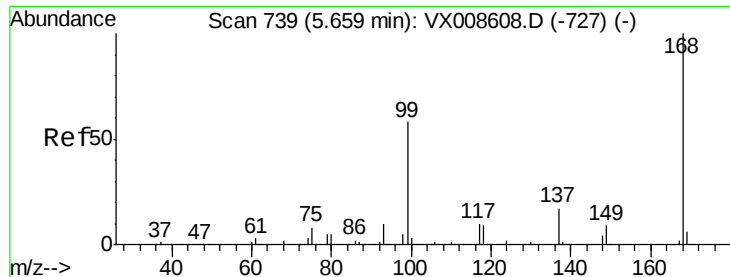
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008694.D

Acq: 05 Apr 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

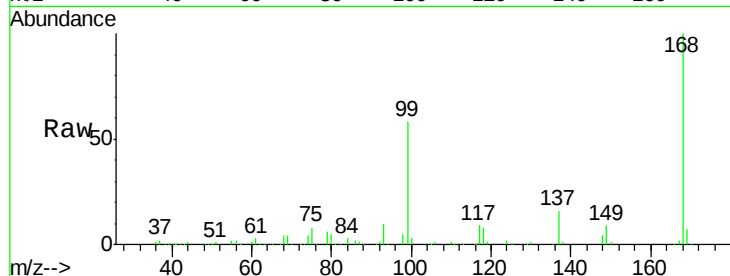
S8-0710

Tgt Ion:168 Resp: 209161

Ion Ratio Lower Upper

168 100

99 58.2 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

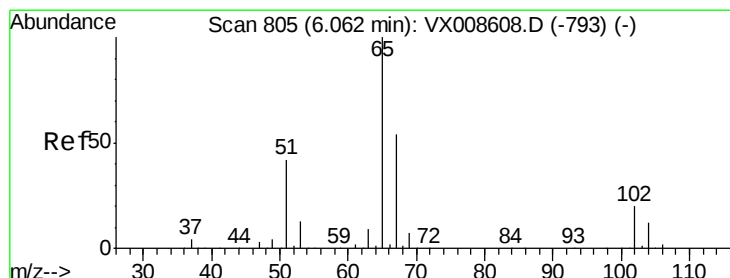
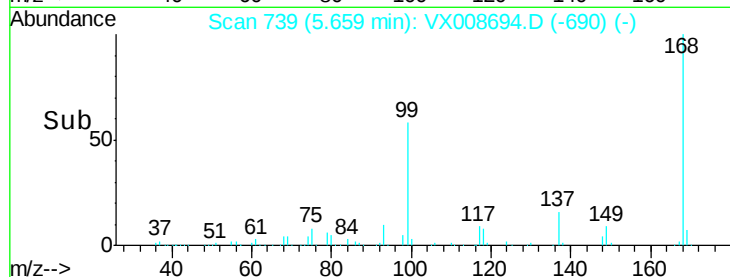
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.063 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008694.D

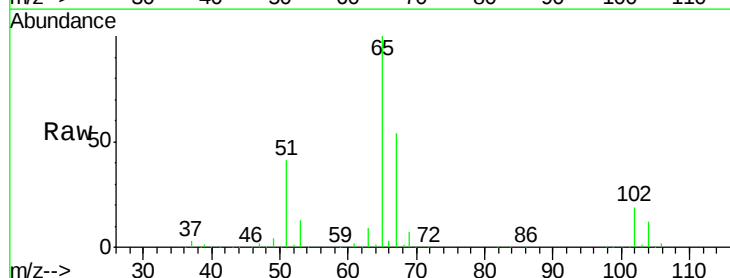
Acq: 05 Apr 2019 20:06

Tgt Ion: 65 Resp: 143578

Ion Ratio Lower Upper

65 100

67 53.9 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

60000

50000

40000

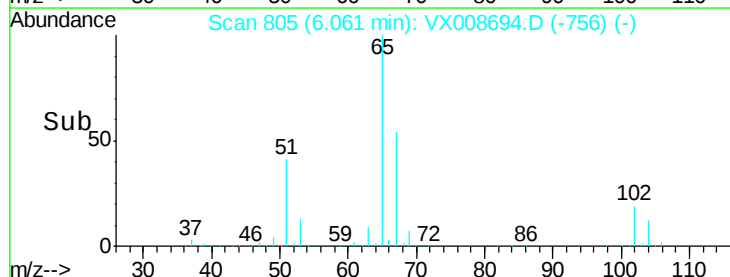
30000

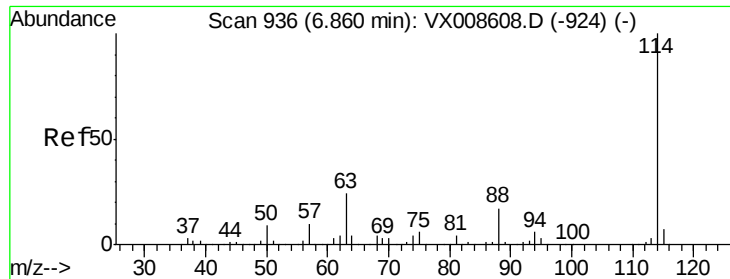
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

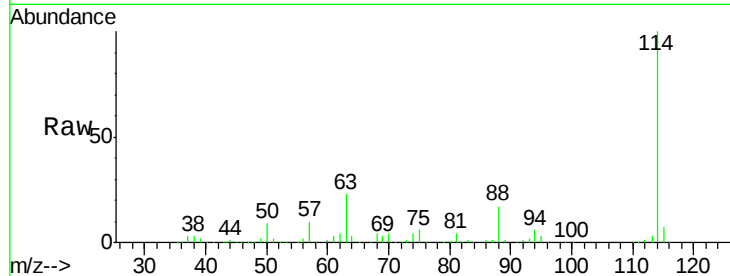




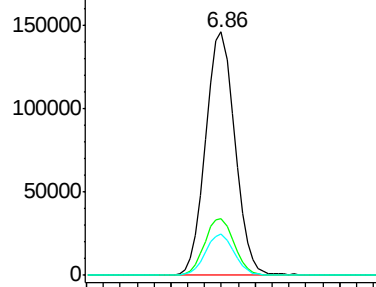
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008694.D
 Acq: 05 Apr 2019 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0710

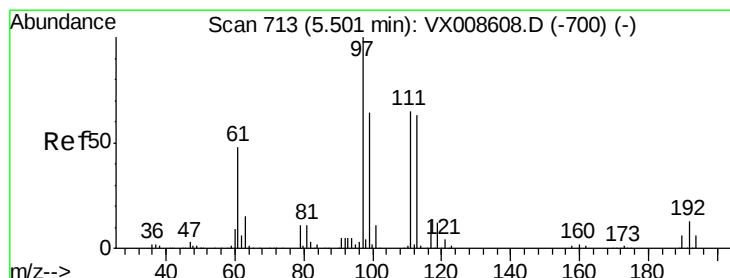
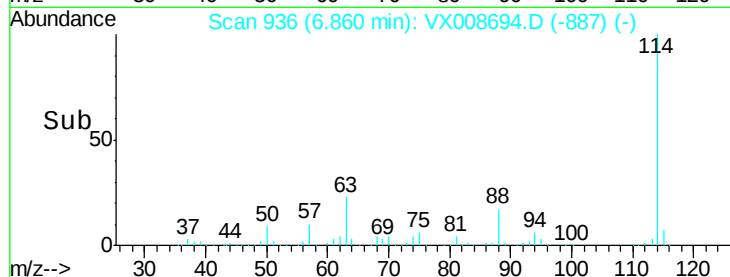
Tgt Ion:114 Resp: 345098
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 47.2
 88 16.8 0.0 34.0



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

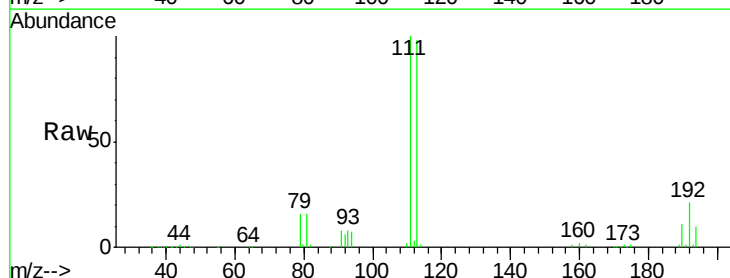


Time--> 6.70 6.80 6.90 7.00

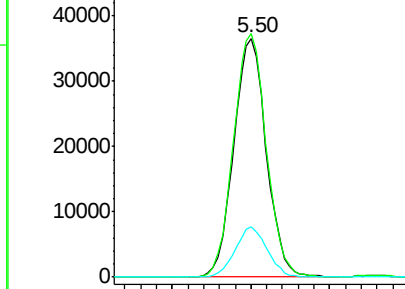


#35
 Dibromofluoromethane
 Concen: 47.532 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008694.D
 Acq: 05 Apr 2019 20:06

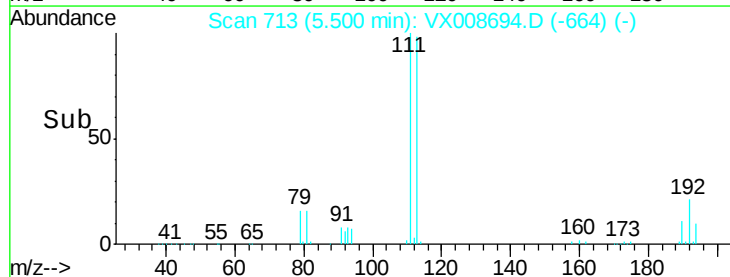
Tgt Ion:113 Resp: 104875
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.4 125.2
 192 20.6 16.1 24.1

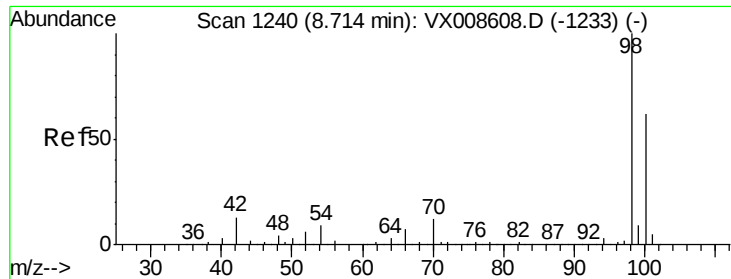


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time--> 5.40 5.50 5.60





#50

Toluene-d8

Concen: 49.539 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008694.D

Acq: 05 Apr 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

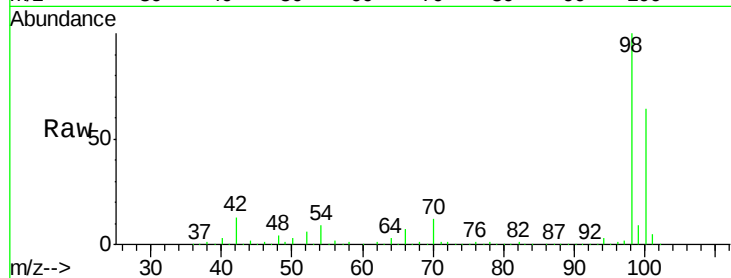
S8-0710

Tgt Ion: 98 Resp: 435222

Ion Ratio Lower Upper

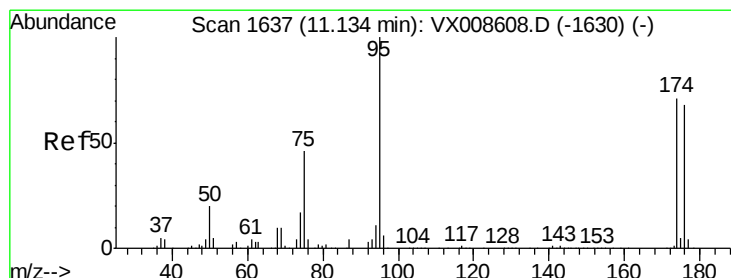
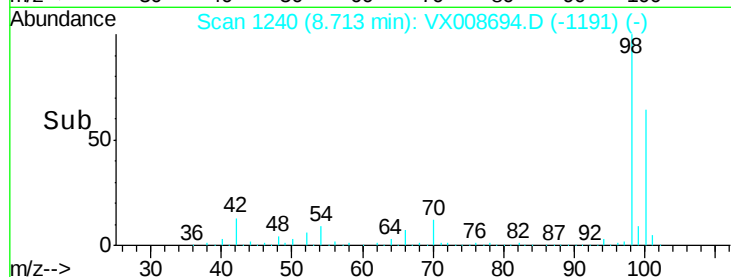
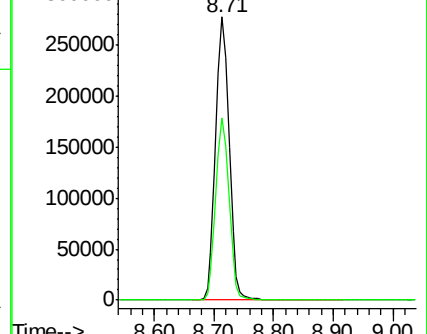
98 100

100 63.4 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 47.443 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008694.D

Acq: 05 Apr 2019 20:06

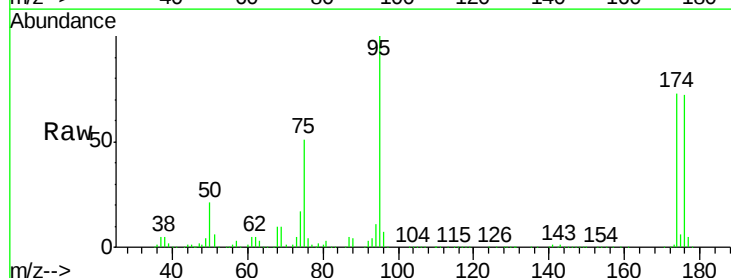
Tgt Ion: 95 Resp: 147806

Ion Ratio Lower Upper

95 100

174 77.4 0.0 151.8

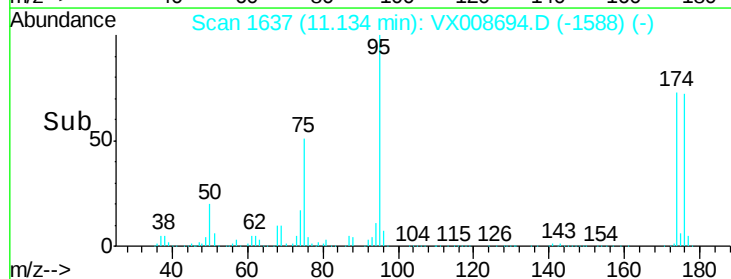
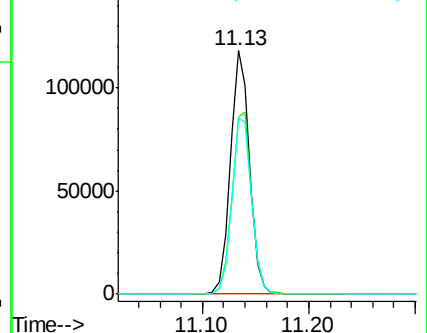
176 74.9 0.0 145.8

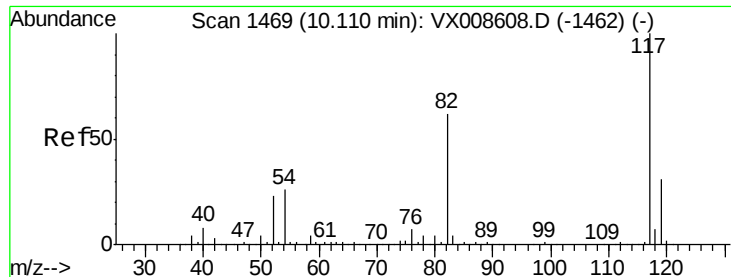


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

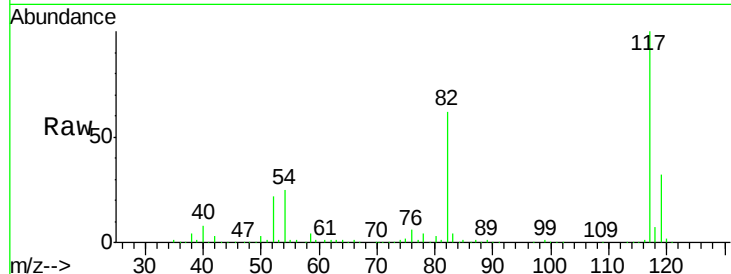




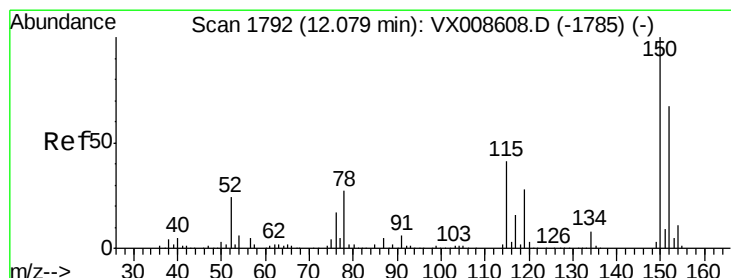
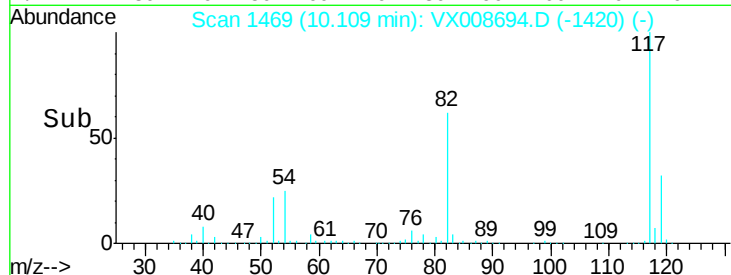
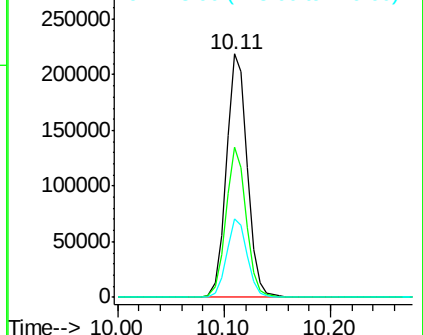
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008694.D
Acq: 05 Apr 2019 20:06

Instrument :
MSVOA_X
ClientSampled :
S8-0710

Tgt Ion:117 Resp: 300340
Ion Ratio Lower Upper
117 100
82 61.6 49.6 74.4
119 32.4 25.0 37.4

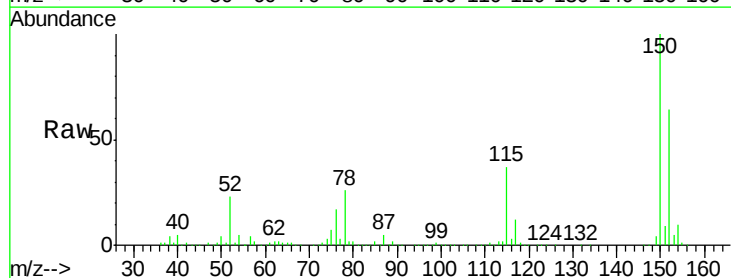


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008694.D
Acq: 05 Apr 2019 20:06

Tgt Ion:152 Resp: 128033
Ion Ratio Lower Upper
152 100
115 60.5 43.5 130.5
150 156.2 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

