

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040819\
 Data File : VX008747.D
 Acq On : 08 Apr 2019 16:01
 Operator : JC/SP
 Sample : K2306-04
 Misc : 5.89g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-004-IDWSO-20190404

Quant Time: Apr 09 07:19:34 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	147824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	245415	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	219606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	103899	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	102019	47.32	ug/l	0.00
Spiked Amount						
			Recovery	=	94.64%	
35) Dibromofluoromethane	5.51	113	72268	46.06	ug/l	0.00
Spiked Amount						
			Recovery	=	92.12%	
50) Toluene-d8	8.71	98	309891	49.60	ug/l	0.00
Spiked Amount						
			Recovery	=	99.20%	
62) 4-Bromofluorobenzene	11.14	95	111938	50.52	ug/l	0.00
Spiked Amount						
			Recovery	=	101.04%	

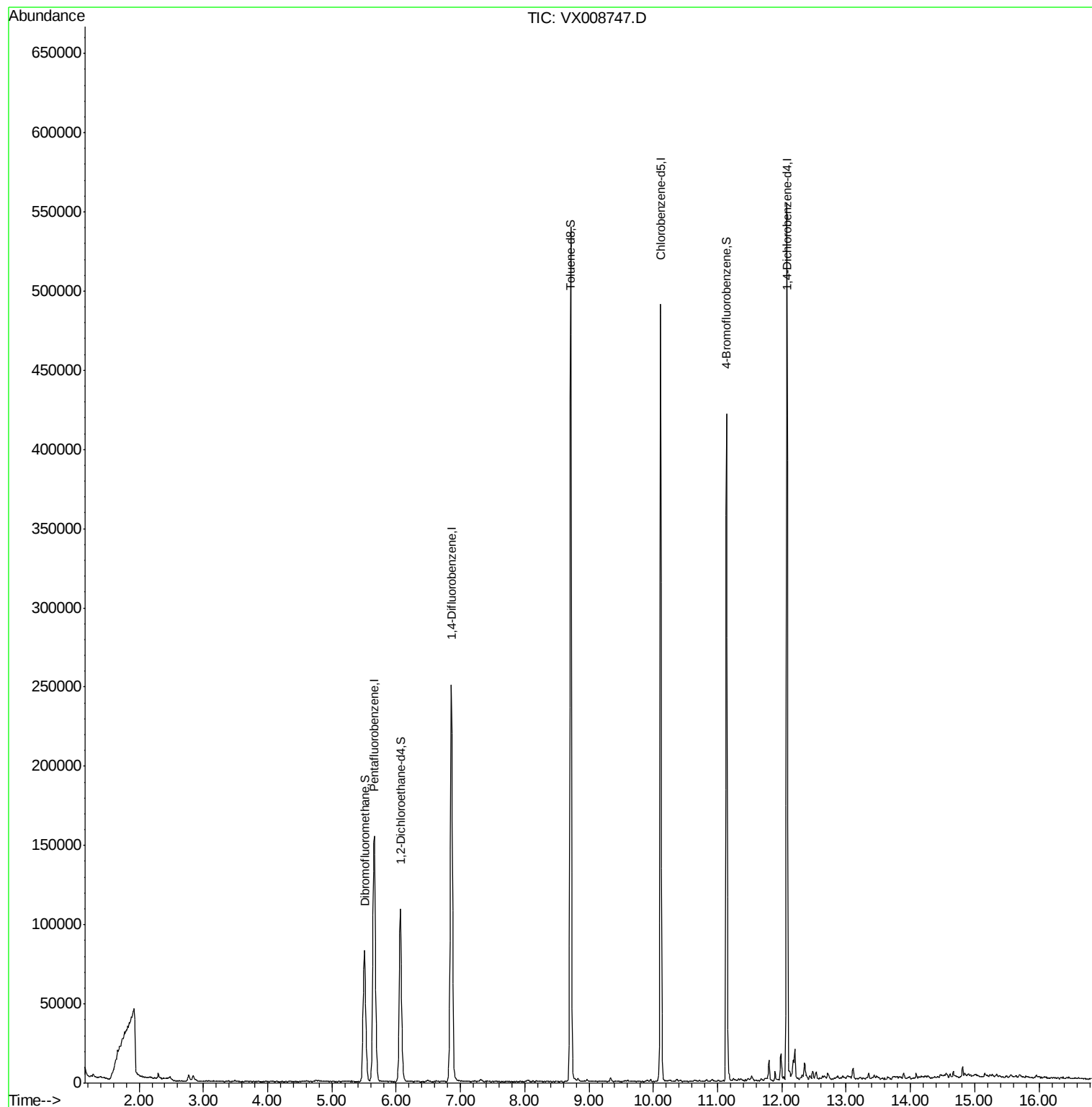
Target Compounds	Qvalue
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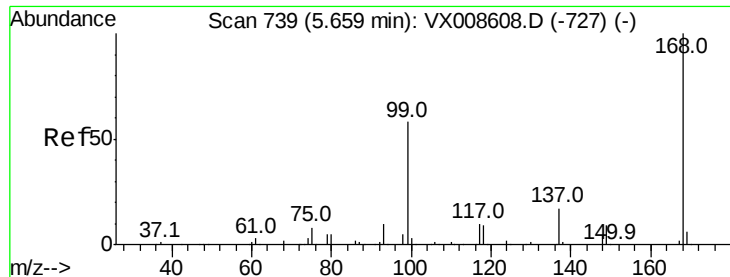
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008747.D

Acq: 08 Apr 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

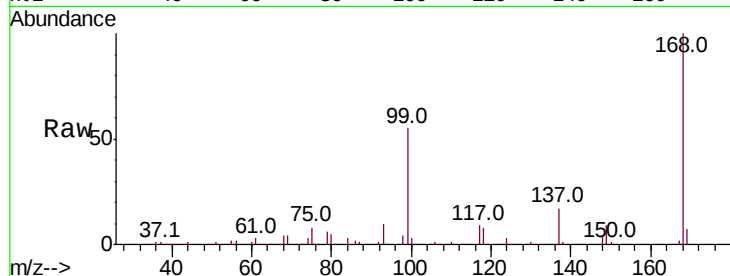
TT-004-IDWSO-20190404

Tot Ion:168 Resp: 147824

Ion Ratio Lower Upper

168 100

99 55.0 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

60000

50000

40000

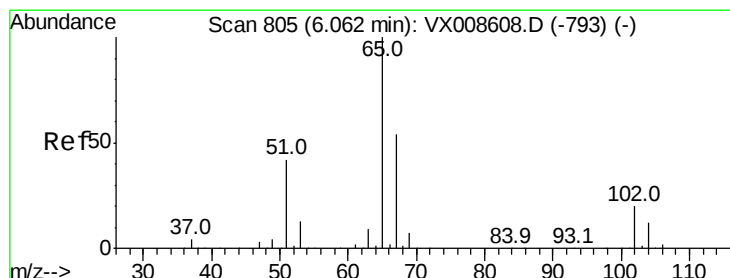
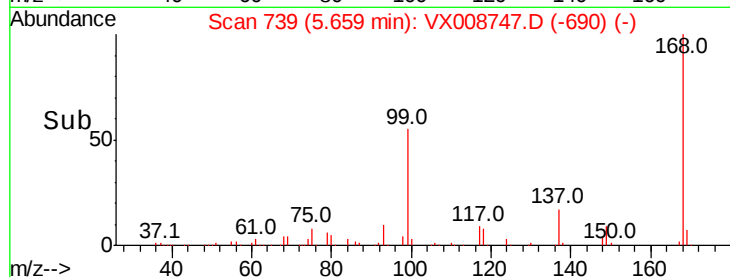
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.316 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX008747.D

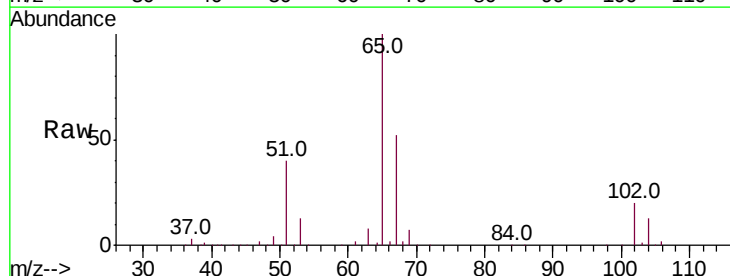
Acq: 08 Apr 2019 16:01

Tgt Ion: 65 Resp: 102019

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

40000

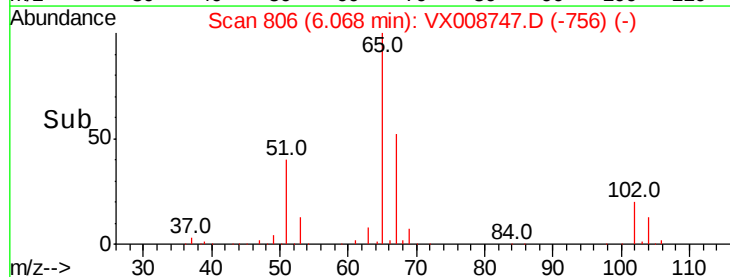
30000

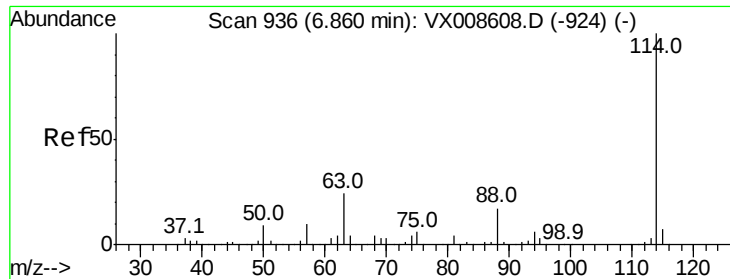
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

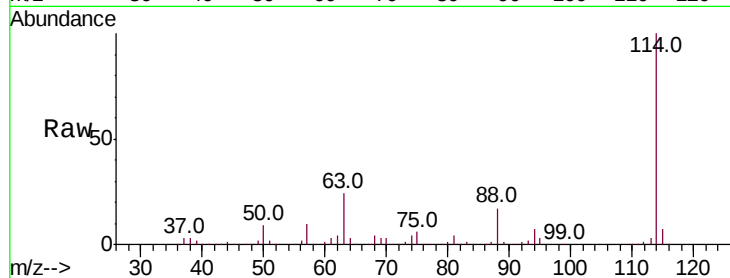




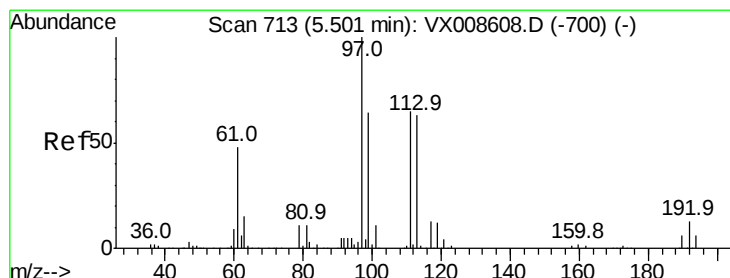
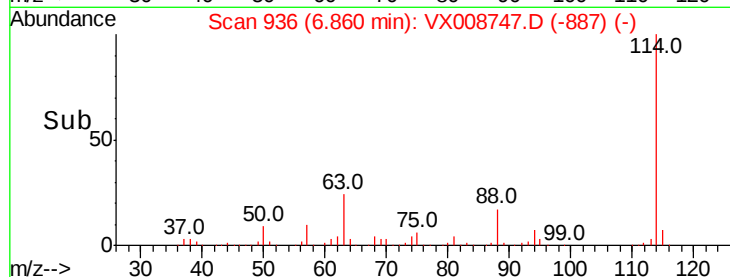
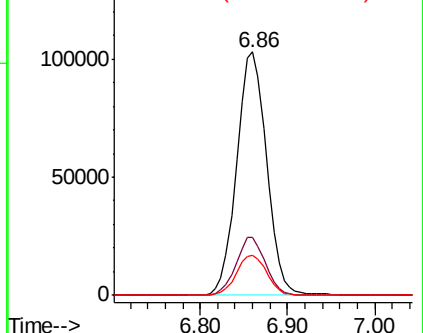
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008747.D
 Acq: 08 Apr 2019 16:01

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-004-IDWSO-20190404

Tot Ion:114 Resp: 245415
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 47.2
 88 16.7 0.0 34.0

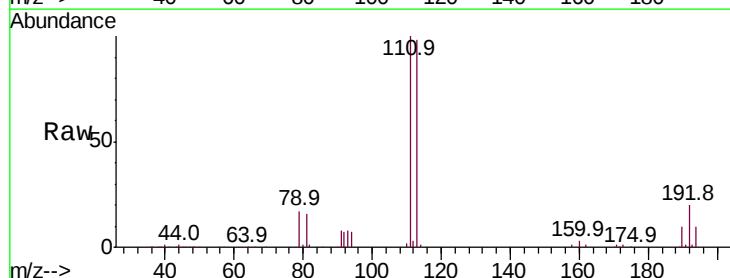


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

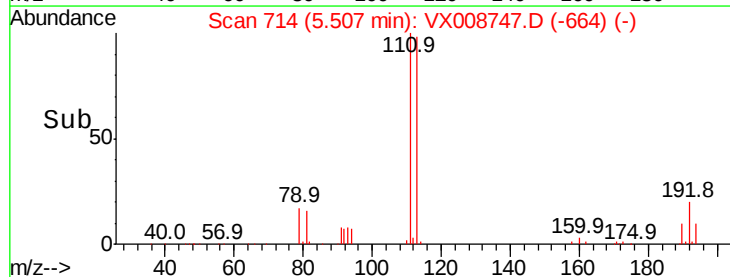
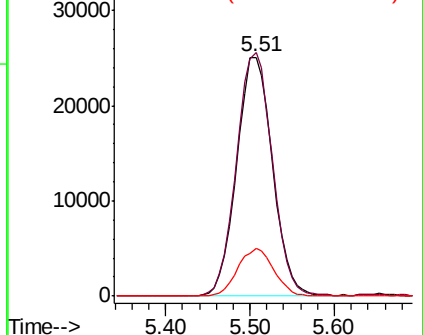


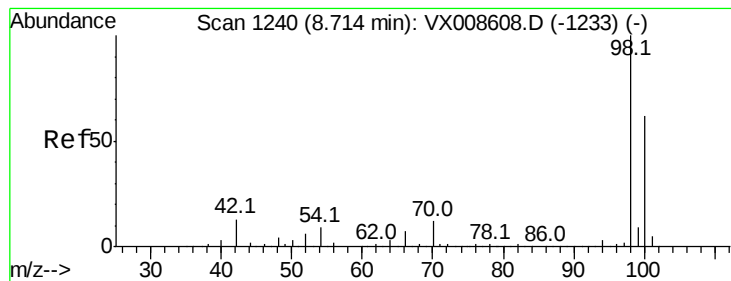
#35
 Dibromofluoromethane
 Concen: 46.057 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX008747.D
 Acq: 08 Apr 2019 16:01

Tgt Ion:113 Resp: 72268
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.4 125.2
 192 20.2 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: 49.601 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008747.D

Acq: 08 Apr 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

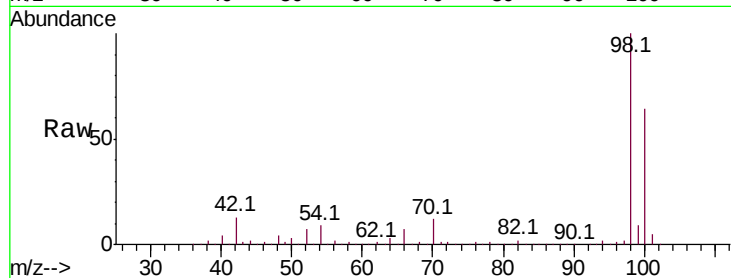
TT-004-IDWSO-20190404

Tot Ion: 98 Resp: 309891

Ion Ratio Lower Upper

98 100

100 64.7 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

200000

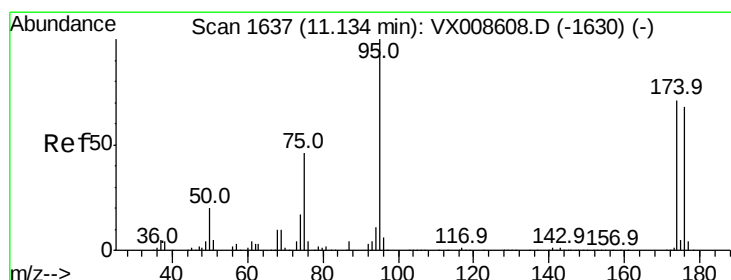
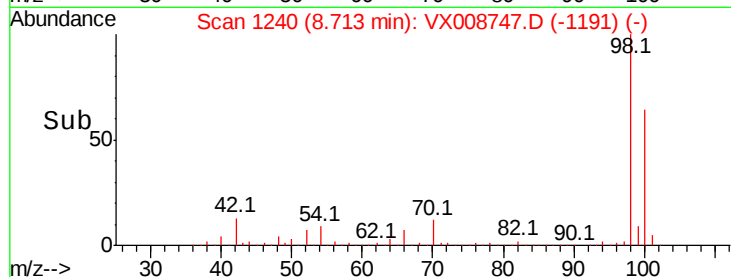
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 50.524 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX008747.D

Acq: 08 Apr 2019 16:01

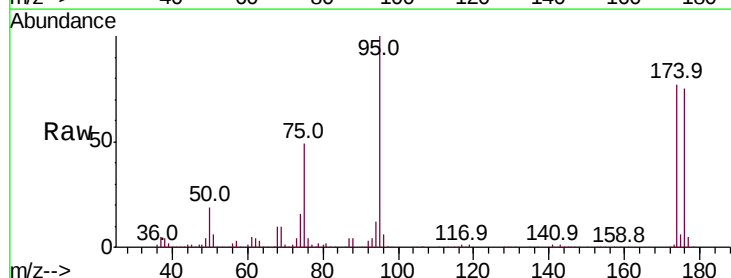
Tgt Ion: 95 Resp: 111938

Ion Ratio Lower Upper

95 100

174 76.5 0.0 151.8

176 74.2 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

120000

100000

80000

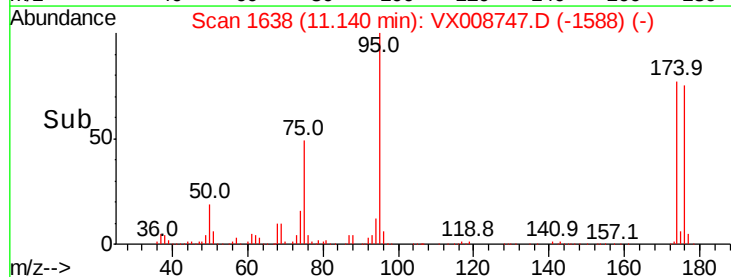
60000

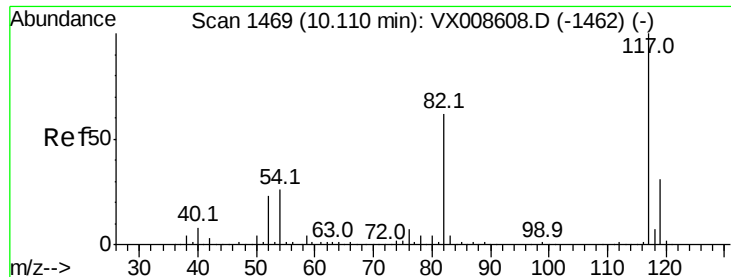
40000

20000

0

Time--> 11.10 11.20

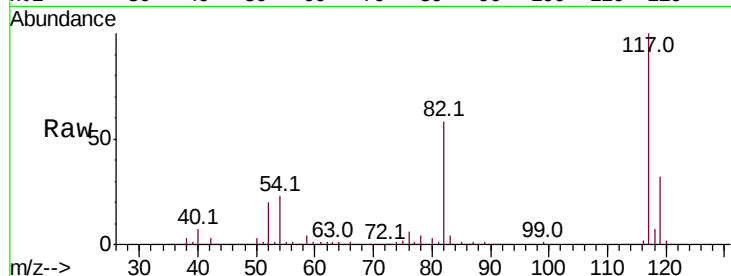




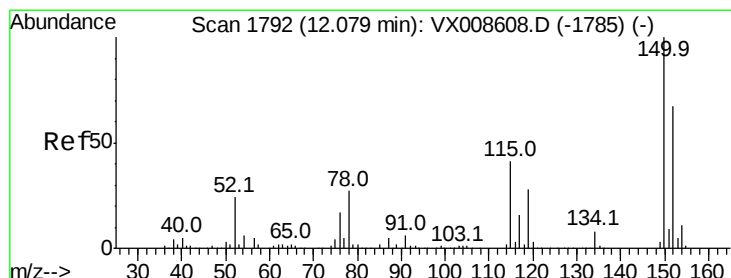
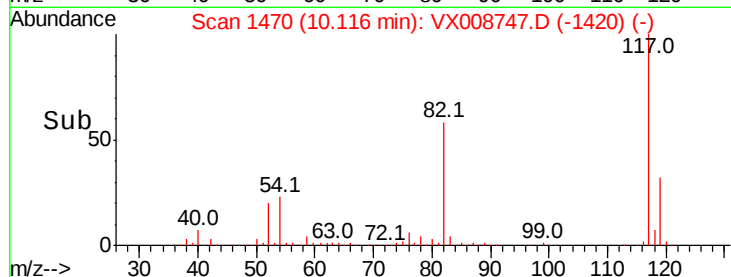
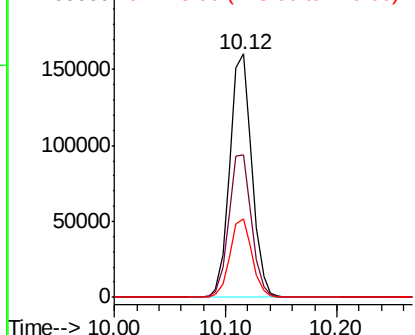
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008747.D
Acq: 08 Apr 2019 16:01

Instrument :
MSVOA_X
ClientSampleId :
TT-004-IDWSO-20190404

Tot Ion:117 Resp: 219606
Ion Ratio Lower Upper
117 100
82 58.3 49.6 74.4
119 32.1 25.0 37.4

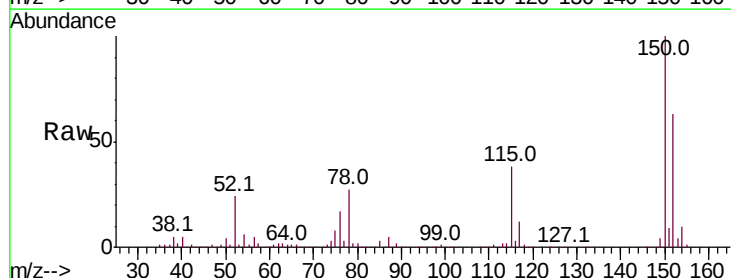


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008747.D
Acq: 08 Apr 2019 16:01

Tgt Ion:152 Resp: 103899
Ion Ratio Lower Upper
152 100
115 59.8 43.5 130.5
150 156.5 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

