

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002896.D
 Acq On : 26 Jun 2018 14:49
 Operator : JC/MD
 Sample : J3685-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-180619

Quant Time: Jun 27 12:55:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	258554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	365374	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	341031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192618	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	175077	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
35) Dibromofluoromethane	5.51	113	139745	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
50) Toluene-d8	8.72	98	517340	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
62) 4-Bromofluorobenzene	11.14	95	181179	44.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.92%	

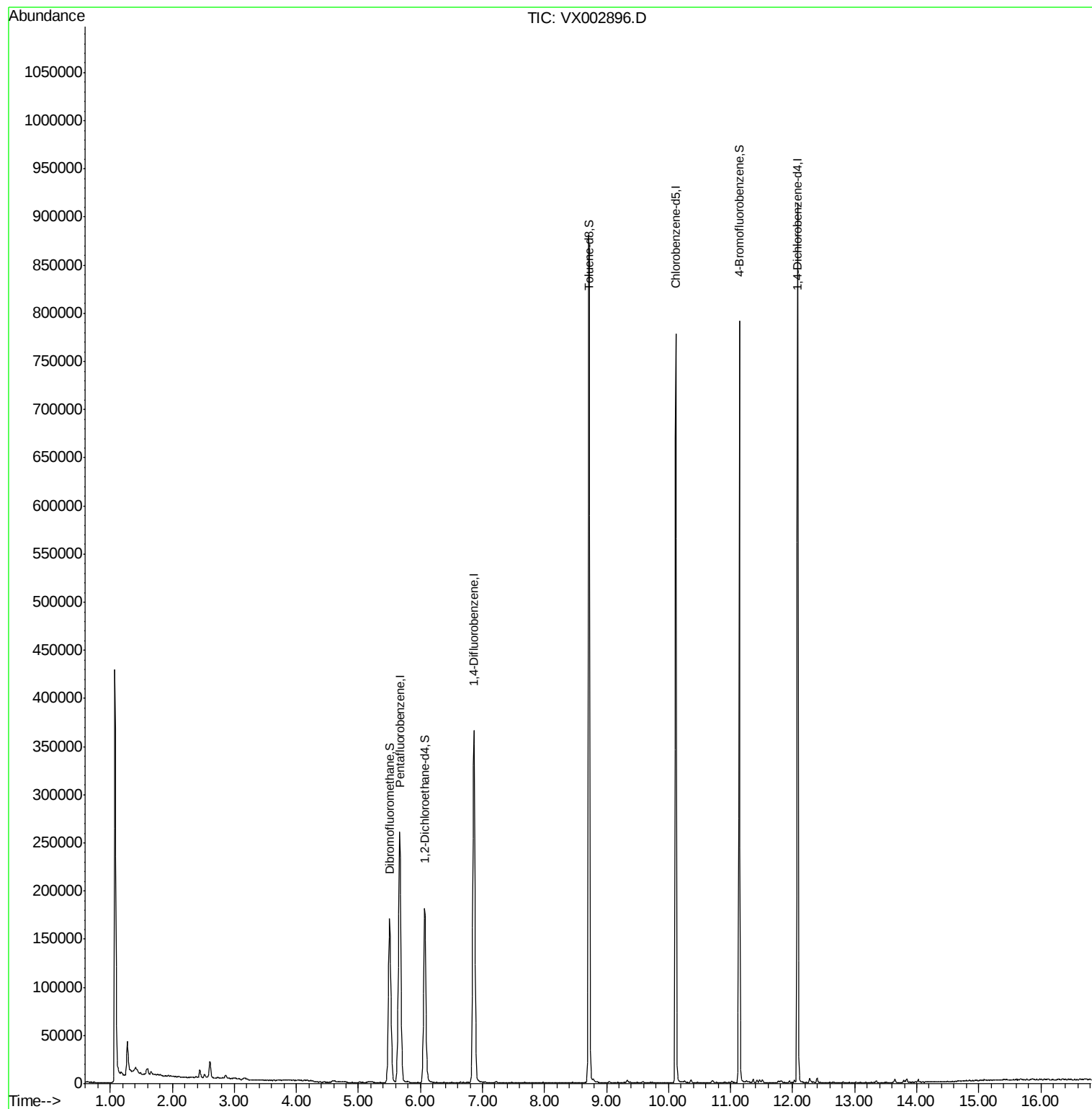
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX002896.D

Acq: 26 Jun 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

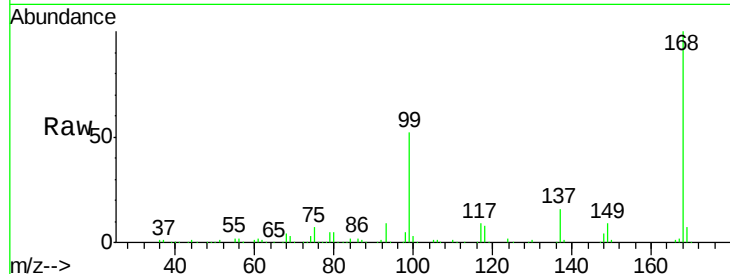
TB-01-180619

Tot Ion:168 Resp: 258554

Ion Ratio Lower Upper

168 100

99 51.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

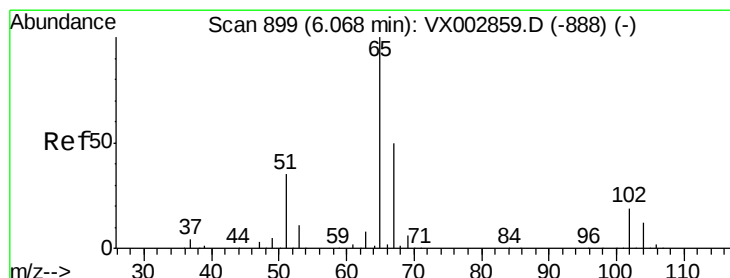
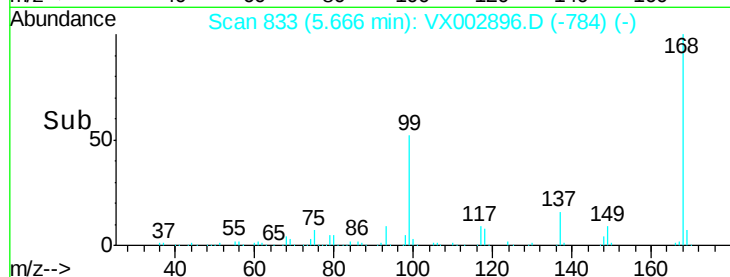
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.99 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX002896.D

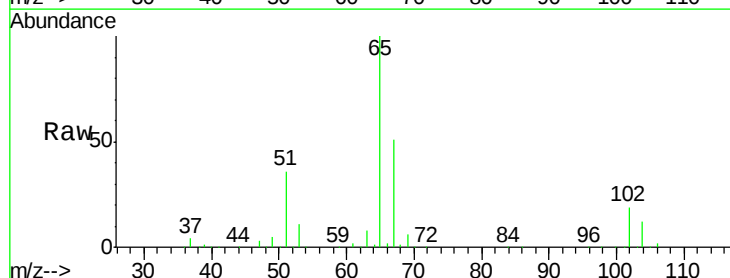
Acq: 26 Jun 2018 14:49

Tgt Ion: 65 Resp: 175077

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

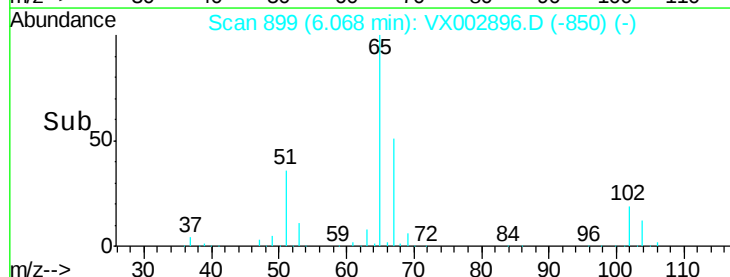
60000

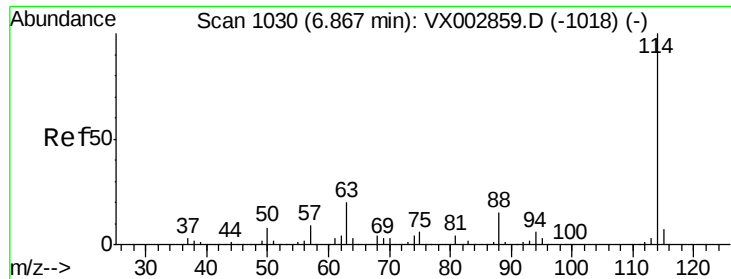
40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX002896.D

Acq: 26 Jun 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

TB-01-180619

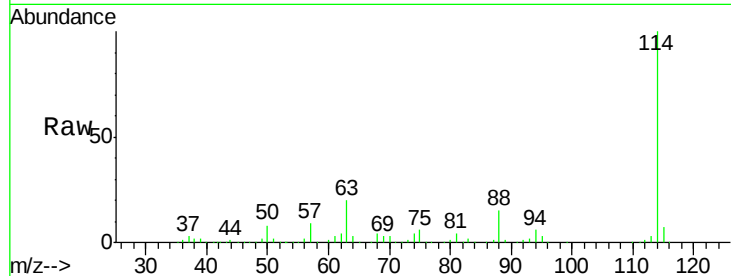
Tot Ion:114 Resp: 365374

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

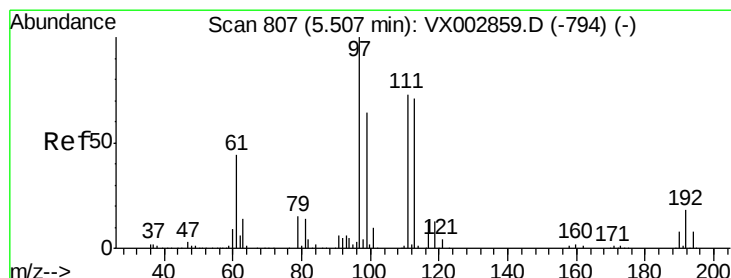
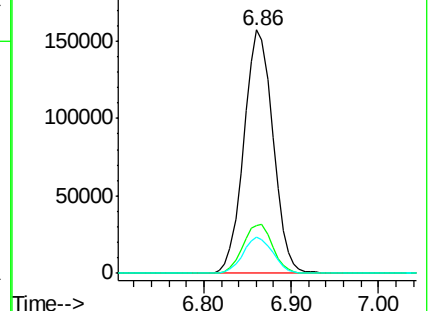
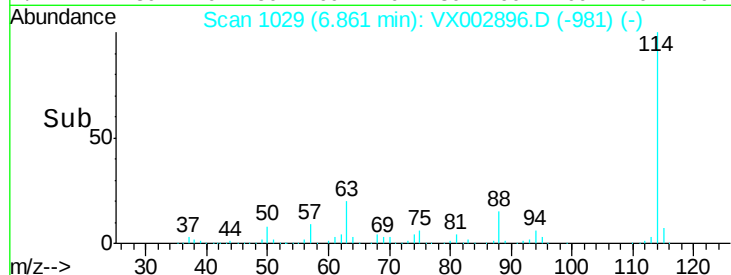
88 15.1 0.0 30.0



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: 48.30 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002896.D

Acq: 26 Jun 2018 14:49

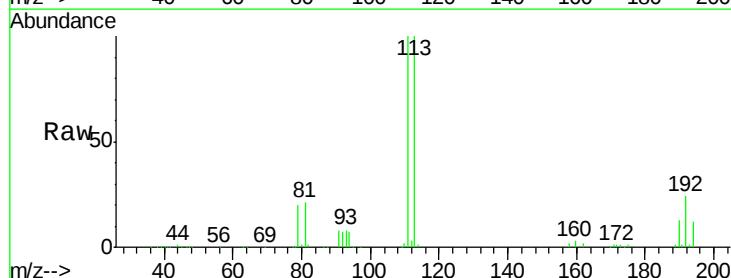
Tgt Ion:113 Resp: 139745

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

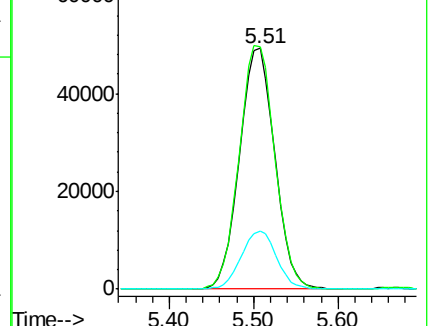
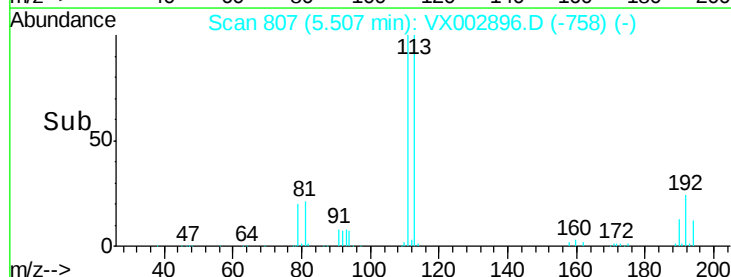
192 24.1 19.1 28.7

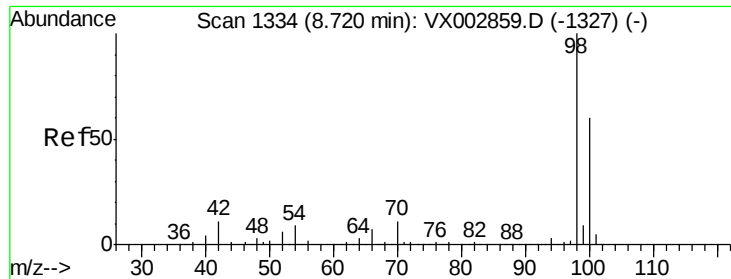


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.96 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002896.D

Acq: 26 Jun 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

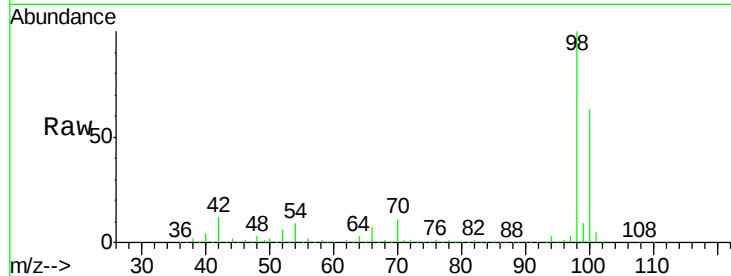
TB-01-180619

Tot Ion: 98 Resp: 517340

Ion Ratio Lower Upper

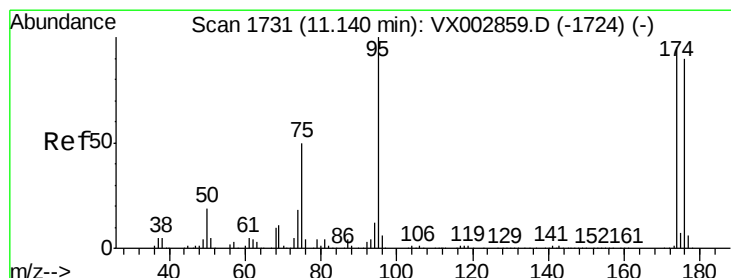
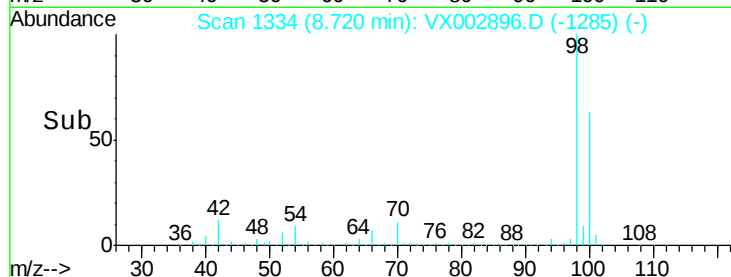
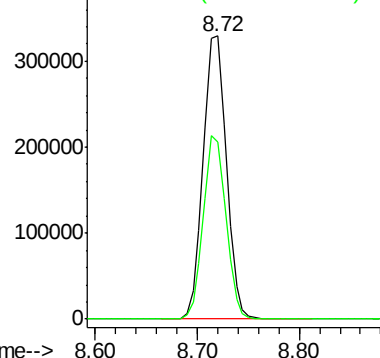
98 100

100 63.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 44.46 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002896.D

Acq: 26 Jun 2018 14:49

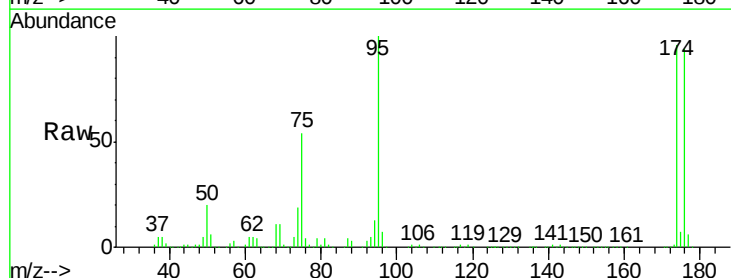
Tgt Ion: 95 Resp: 181179

Ion Ratio Lower Upper

95 100

174 95.4 0.0 187.4

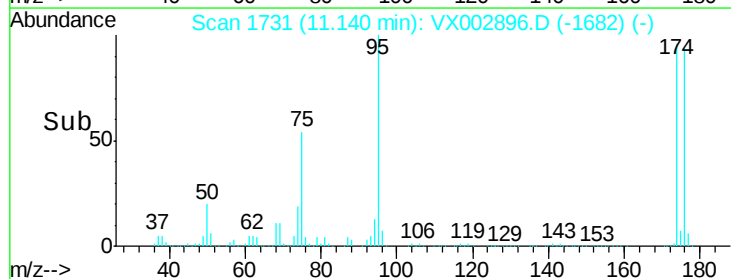
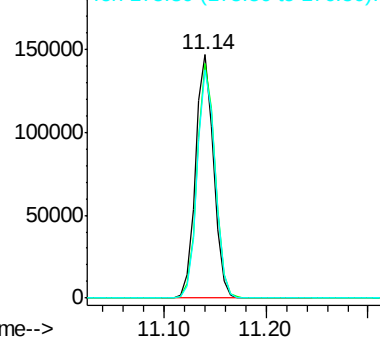
176 93.2 0.0 181.0

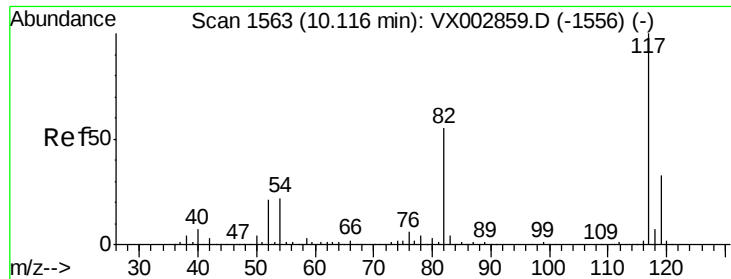


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

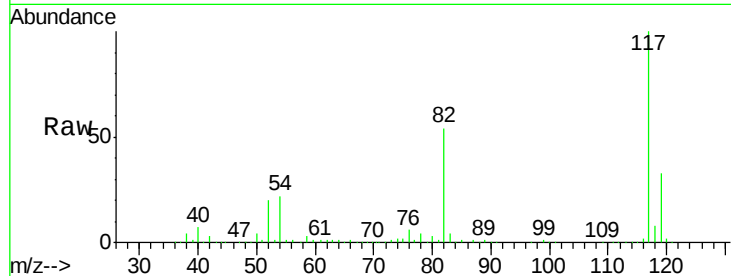




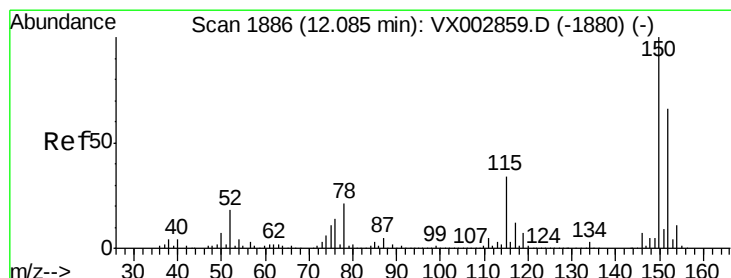
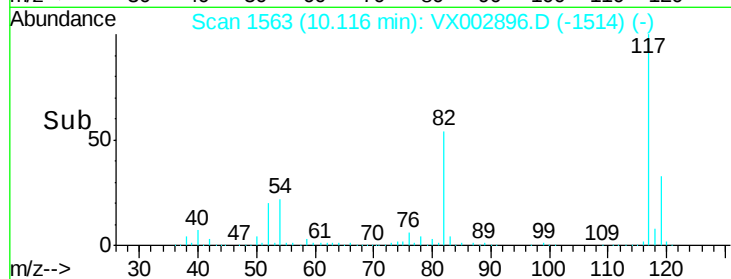
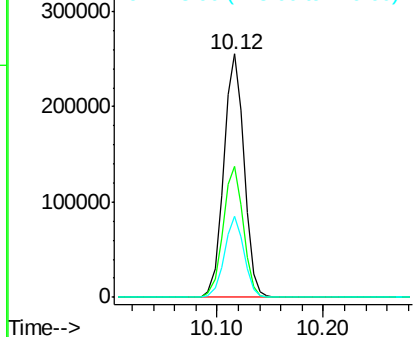
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002896.D
Acq: 26 Jun 2018 14:49

Instrument :
MSVOA_X
ClientSampled :
TB-01-180619

Tot Ion:117 Resp: 341031
Ion Ratio Lower Upper
117 100
82 53.8 45.0 67.4
119 33.4 25.8 38.6

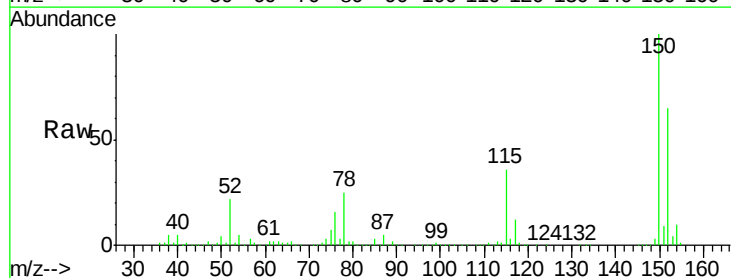


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002896.D
Acq: 26 Jun 2018 14:49

Tgt Ion:152 Resp: 192618
Ion Ratio Lower Upper
152 100
115 54.3 40.1 120.2
150 154.9 0.0 347.2



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

