

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081018\
 Data File : VX003971.D
 Acq On : 10 Aug 2018 12:44
 Operator : JC/MD
 Sample : J4387-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0557

Quant Time: Aug 13 10:45:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	324382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	506409	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	463891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	263417	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	222664	51.78	ug/l	0.00
Spiked Amount						
			Recovery	=	103.56%	
35) Dibromofluoromethane	5.50	113	191302	49.86	ug/l	0.00
Spiked Amount						
			Recovery	=	99.72%	
50) Toluene-d8	8.72	98	714502	47.89	ug/l	0.00
Spiked Amount						
			Recovery	=	95.78%	
62) 4-Bromofluorobenzene	11.14	95	250514	51.89	ug/l	0.00
Spiked Amount						
			Recovery	=	103.78%	

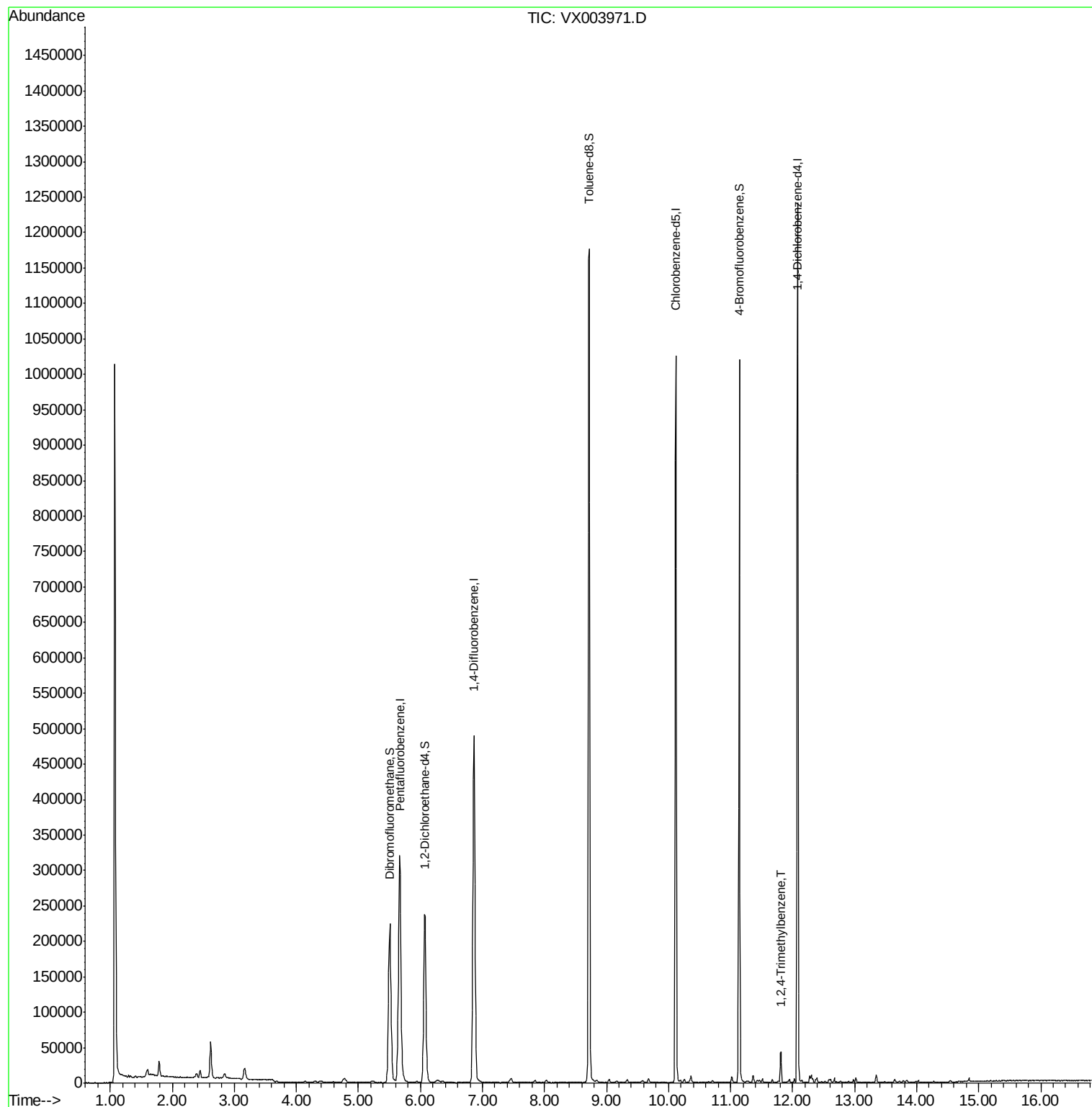
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
84) 1,2,4-Trimethylbenzene	11.81	105	19684	1.23	ug/l	98

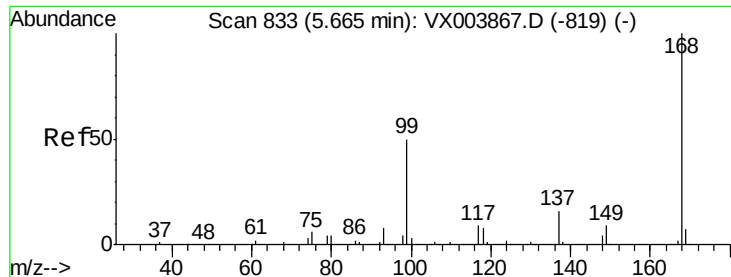
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003971.D

Acq: 10 Aug 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

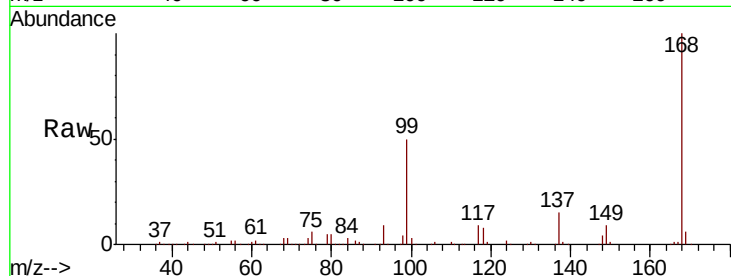
FL-0557

Tot Ion:168 Resp: 324382

Ion Ratio Lower Upper

168 100

99 50.1 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

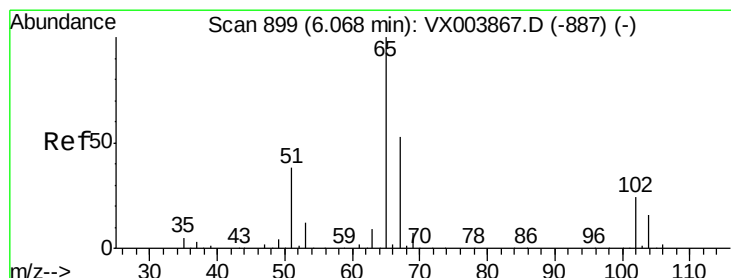
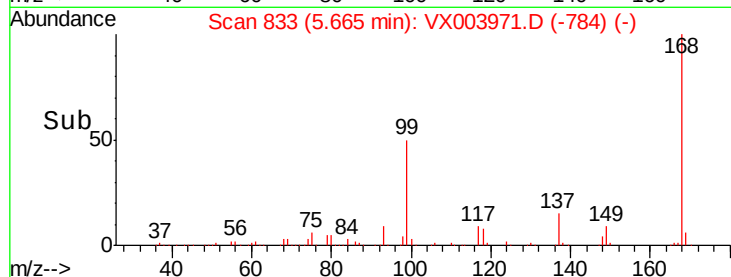
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.78 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003971.D

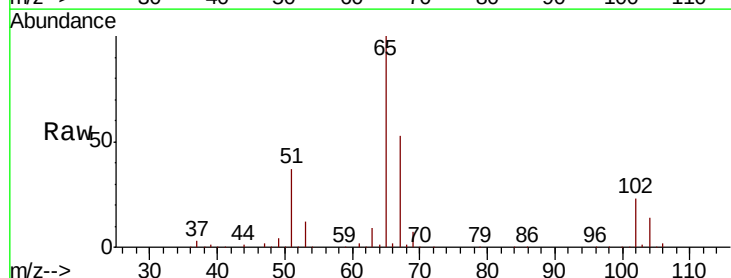
Acq: 10 Aug 2018 12:44

Tgt Ion: 65 Resp: 222664

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

100000

80000

60000

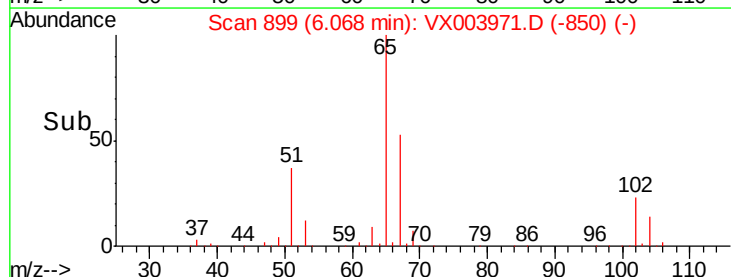
40000

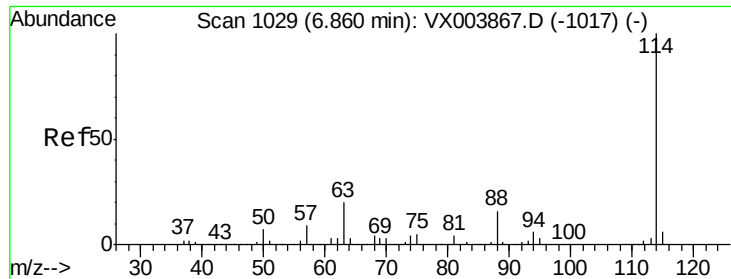
20000

0

Time-->

6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VX003971.D

Acq: 10 Aug 2018 12:44

Instrument :

MSVOA_X

ClientSampled :

FL-0557

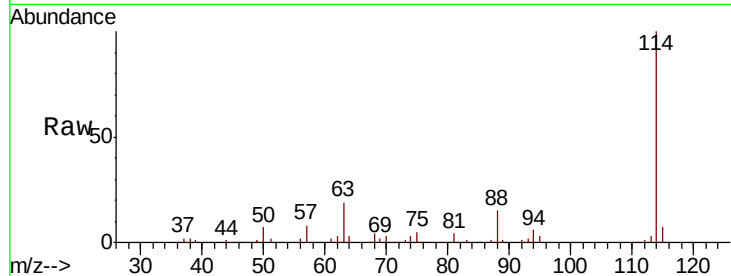
Tot Ion:114 Resp: 506409

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.0

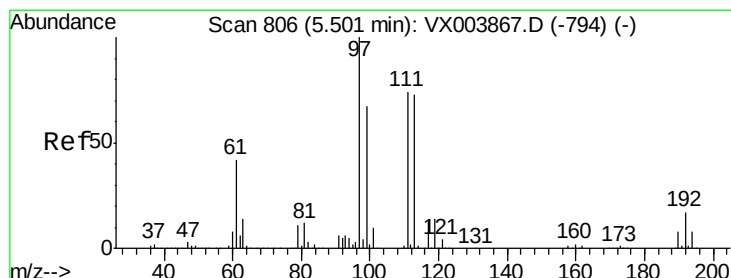
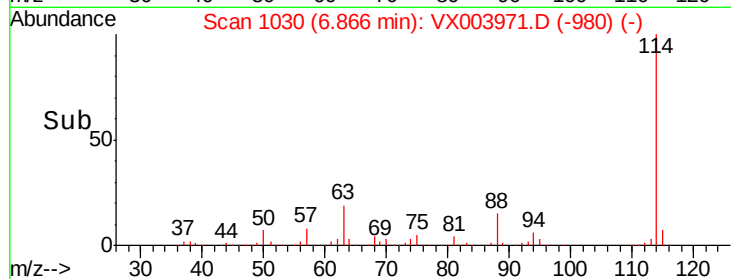
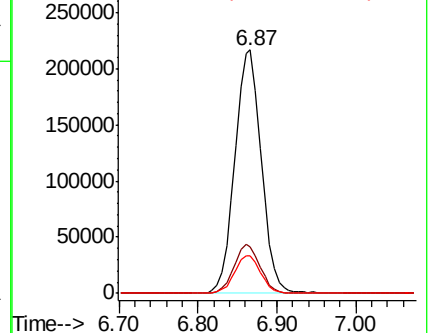
88 15.4 0.0 32.0



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: 49.86 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX003971.D

Acq: 10 Aug 2018 12:44

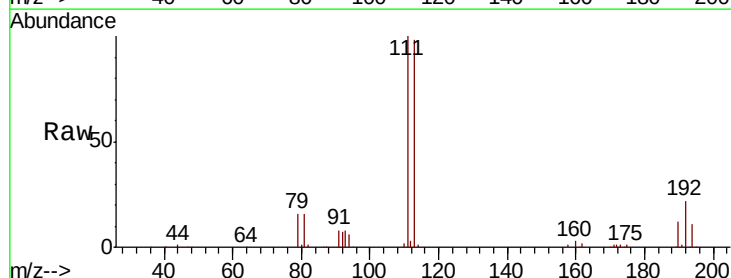
Tgt Ion:113 Resp: 191302

Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

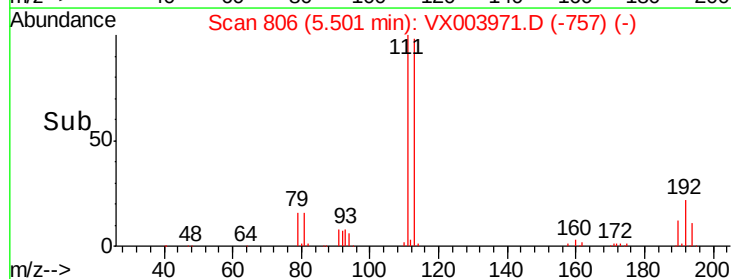
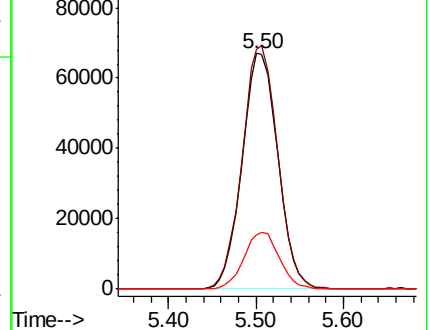
192 23.8 19.0 28.4

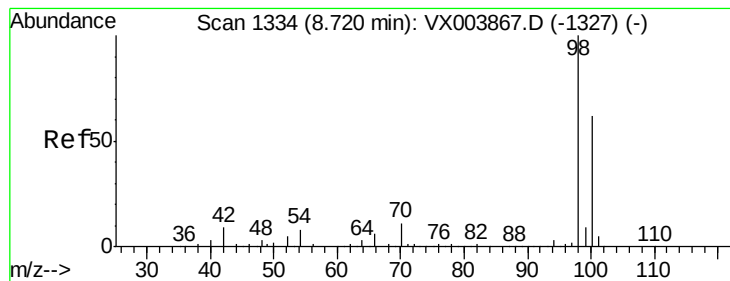


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.89 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003971.D

Acq: 10 Aug 2018 12:44

Instrument :

MSVOA_X

ClientSampled :

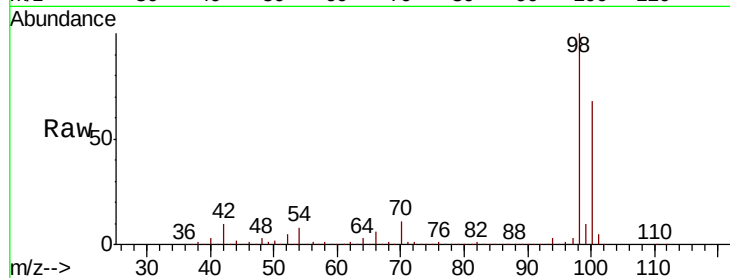
FL-0557

Tot Ion: 98 Resp: 714502

Ion Ratio Lower Upper

98 100

100 66.1 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

500000

400000

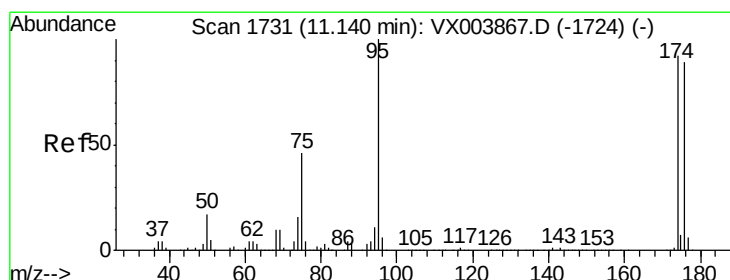
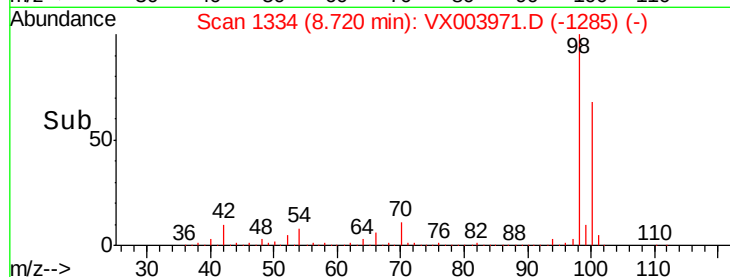
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.89 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003971.D

Acq: 10 Aug 2018 12:44

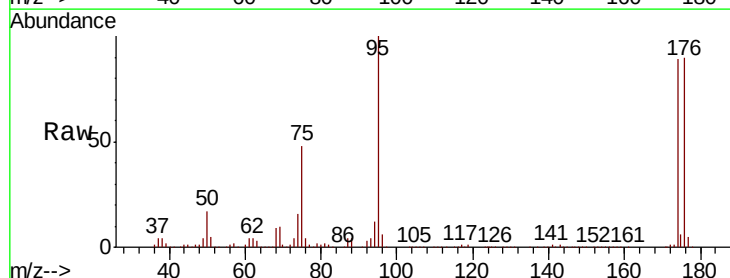
Tgt Ion: 95 Resp: 250514

Ion Ratio Lower Upper

95 100

174 90.8 0.0 182.8

176 88.6 0.0 179.0



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

11.14

250000

200000

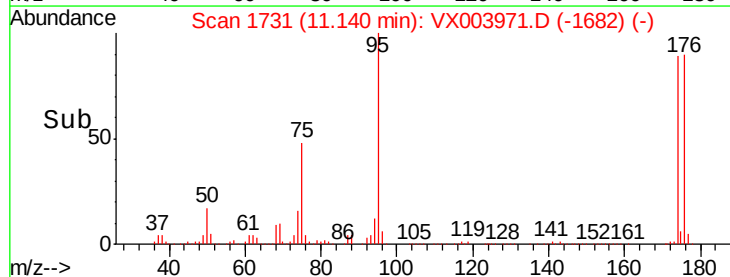
150000

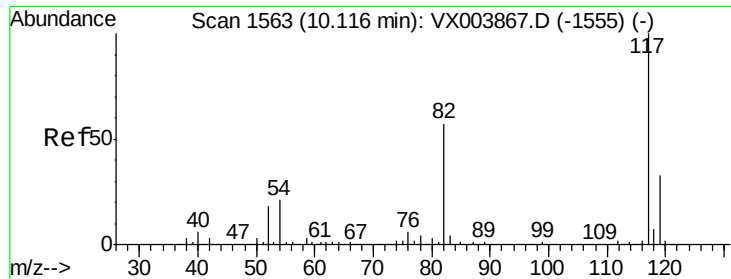
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50000

0

Time-->

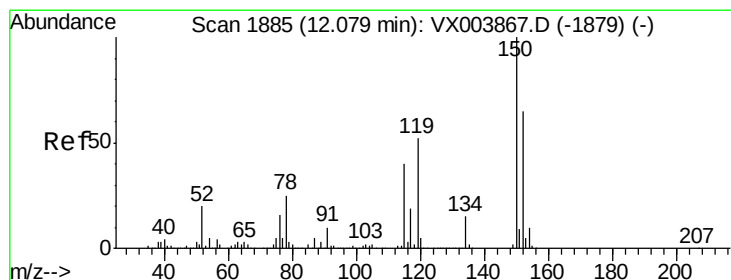
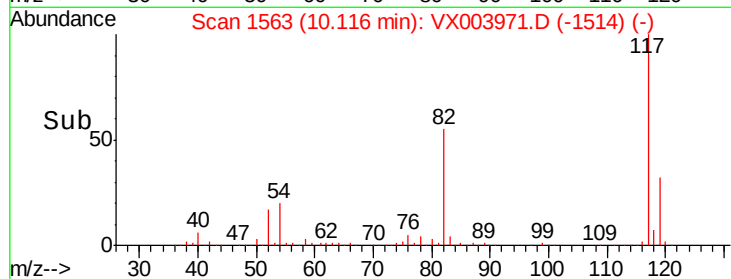
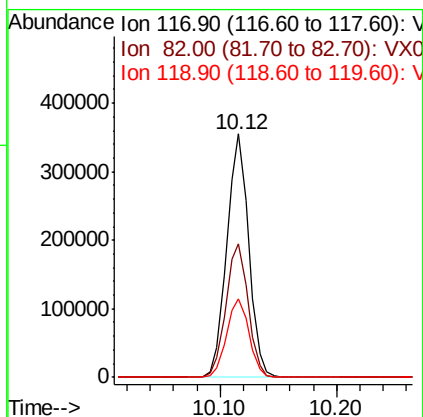
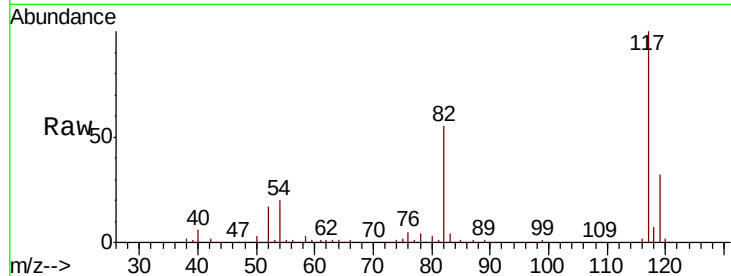




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003971.D
Acq: 10 Aug 2018 12:44

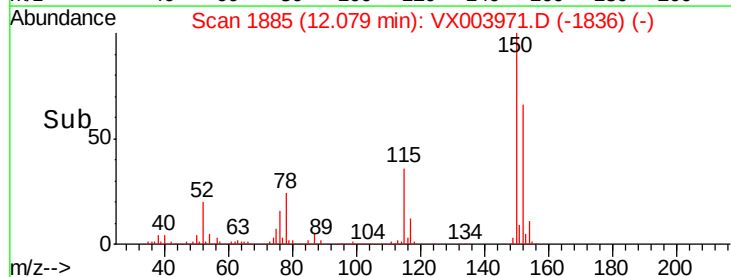
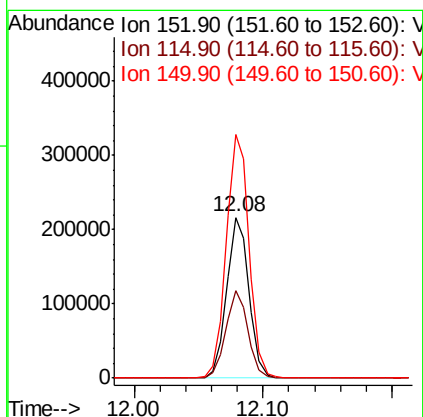
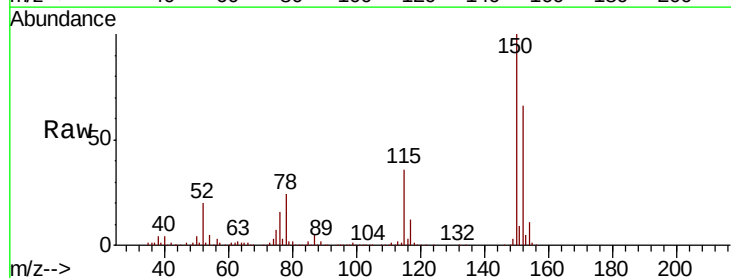
Instrument :
MSVOA_X
ClientSampleId :
FL-0557

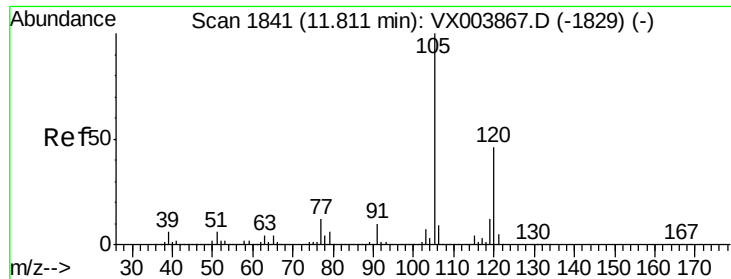
Tot Ion:117 Resp: 463891
Ion Ratio Lower Upper
117 100
82 54.8 45.4 68.0
119 32.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003971.D
Acq: 10 Aug 2018 12:44

Tgt Ion:152 Resp: 263417
Ion Ratio Lower Upper
152 100
115 53.7 39.1 117.3
150 155.2 0.0 349.2





#84
 1,2,4-Trimethylbenzene
 Concen: 1.23 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003971.D
 Acq: 10 Aug 2018 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0557

Tot Ion:105 Resp: 19684
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.1 69.2

