

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072118\
 Data File : VX003575.D
 Acq On : 22 Jul 2018 01:29
 Operator : JC/SP
 Sample : J4026-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LC-SD-EB01-180716

Quant Time: Jul 23 09:39:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	291706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	459146	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	386625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213127	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	163554	47.37	ug/l	0.00
Spiked Amount			Recovery	=	94.74%	
35) Dibromofluoromethane	5.51	113	157777	45.12	ug/l	0.00
Spiked Amount			Recovery	=	90.24%	
50) Toluene-d8	8.72	98	575724	43.80	ug/l	0.00
Spiked Amount			Recovery	=	87.60%	
62) 4-Bromofluorobenzene	11.14	95	196714	41.01	ug/l	0.00
Spiked Amount			Recovery	=	82.02%	

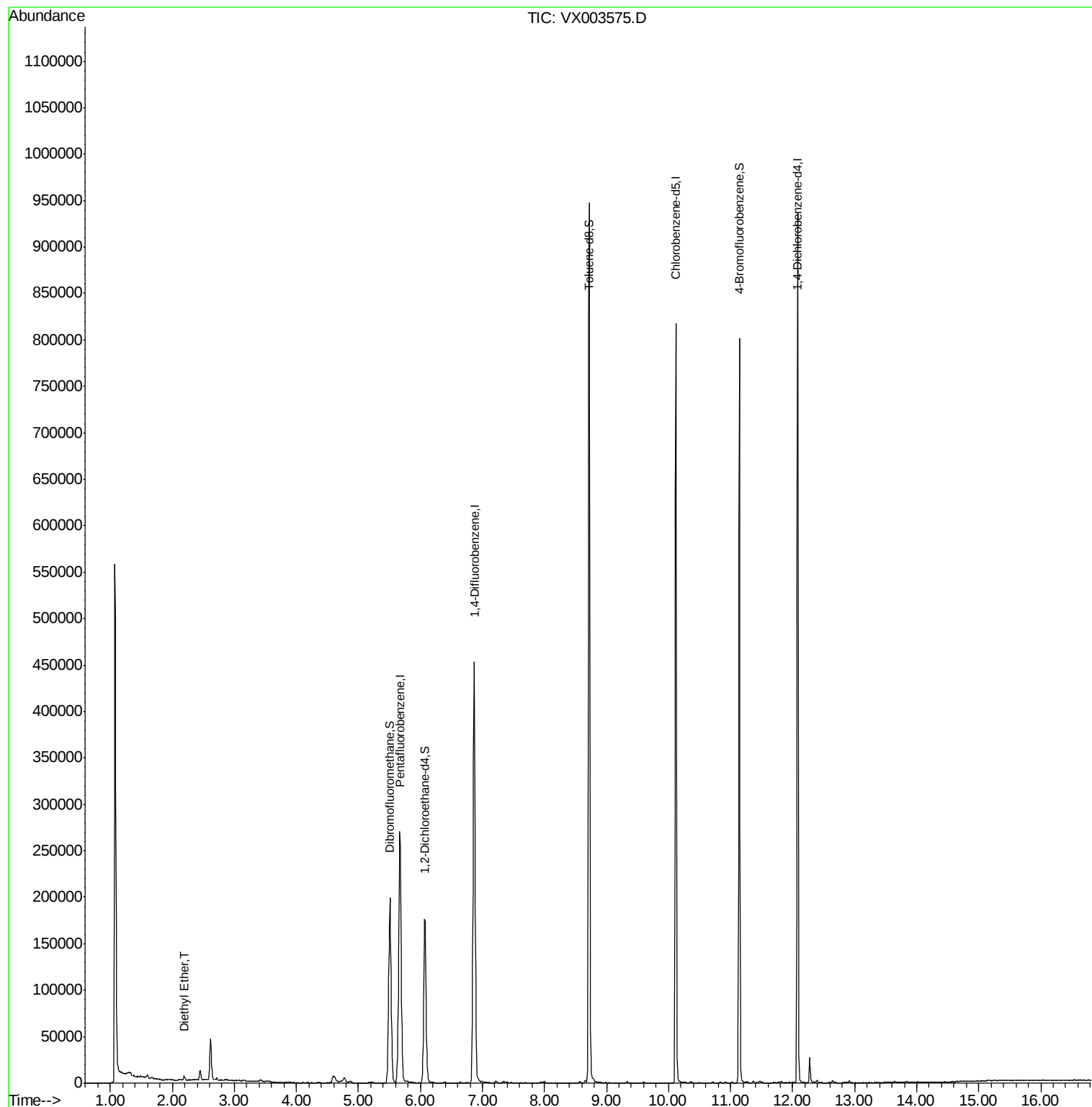
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.19	74	1408	0.66	ug/l	88

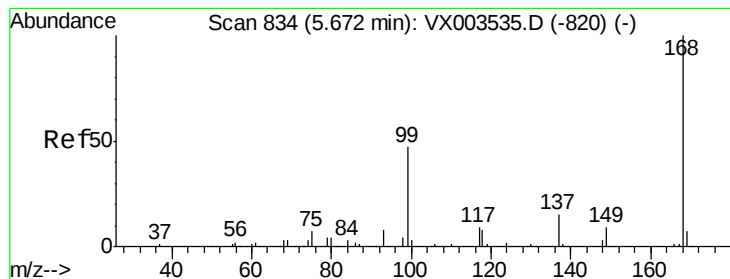
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003575.D

Acq: 22 Jul 2018 01:29

Instrument :

MSVOA_X

ClientSampleId :

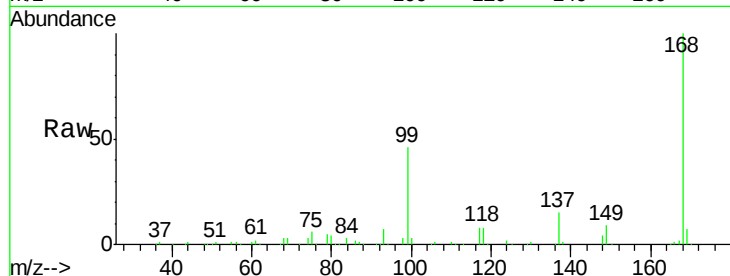
LC-SD-EB01-180716

Tot Ion:168 Resp: 291706

Ion Ratio Lower Upper

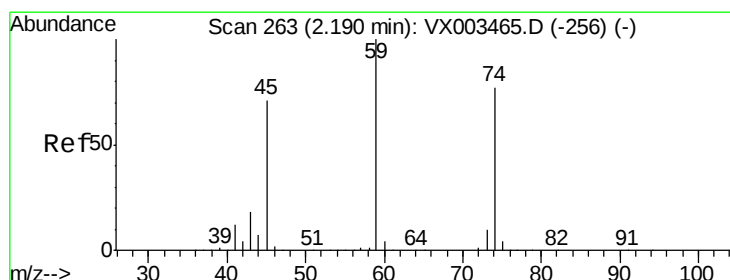
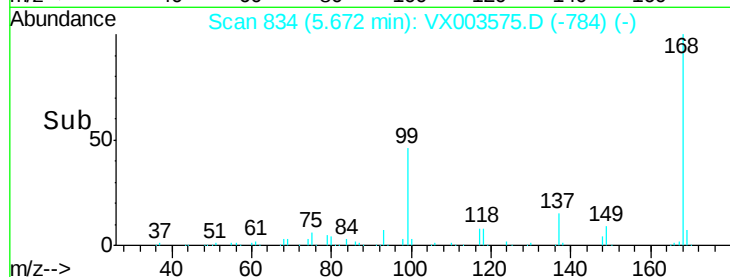
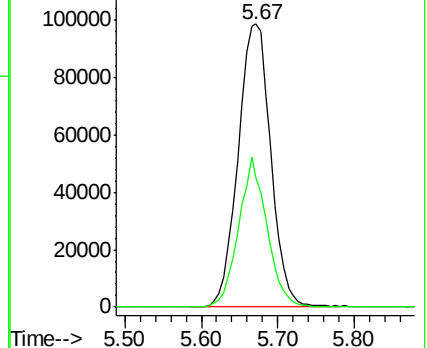
168 100

99 45.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#8

Diethyl Ether

Concen: 0.66 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX003575.D

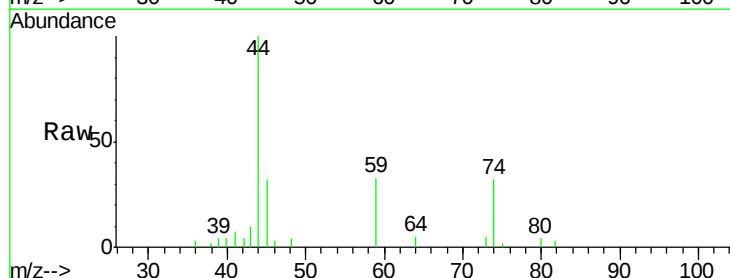
Acq: 22 Jul 2018 01:29

Tgt Ion: 74 Resp: 1408

Ion Ratio Lower Upper

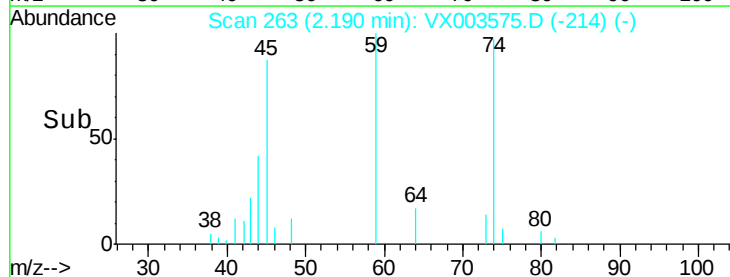
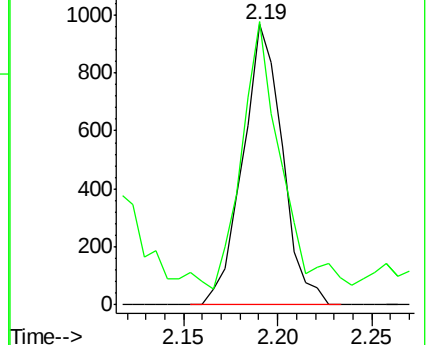
74 100

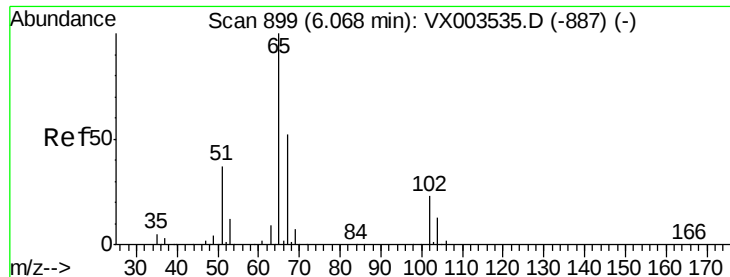
45 94.3 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.37 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003575.D

Acq: 22 Jul 2018 01:29

Instrument :

MSVOA_X

ClientSampleId :

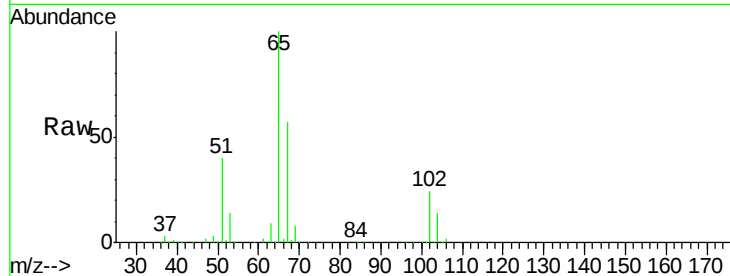
LC-SD-EB01-180716

Tot Ion: 65 Resp: 163554

Ion Ratio Lower Upper

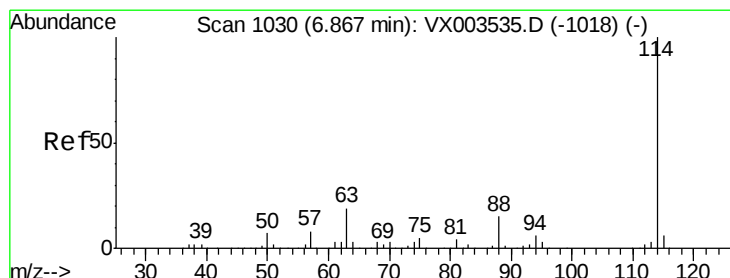
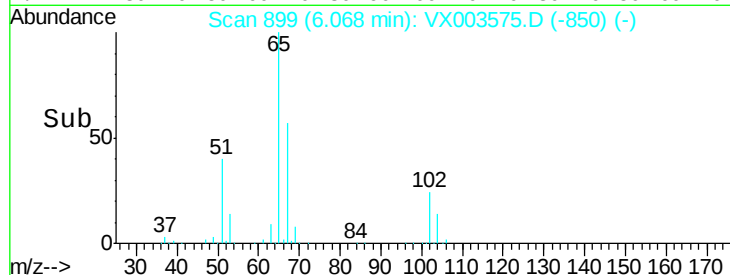
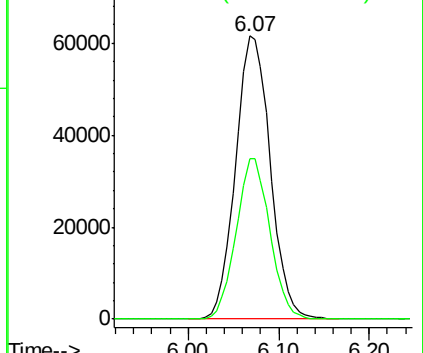
65 100

67 55.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003575.D

Acq: 22 Jul 2018 01:29

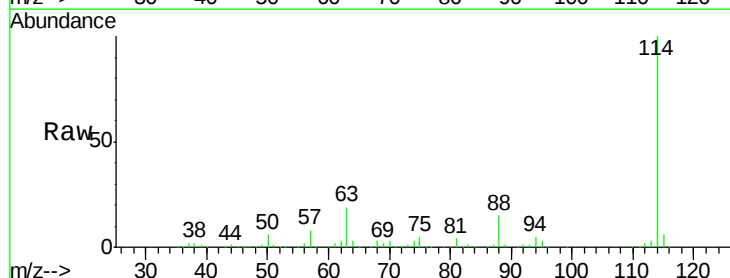
Tgt Ion: 114 Resp: 459146

Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.4

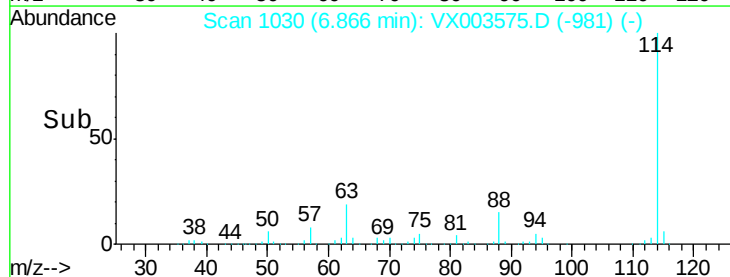
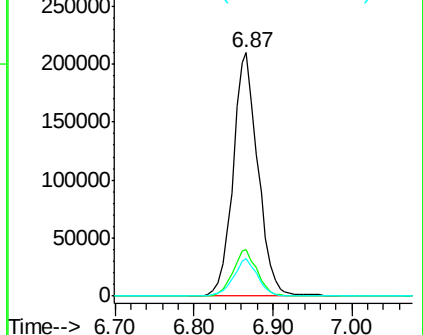
88 15.2 0.0 30.0

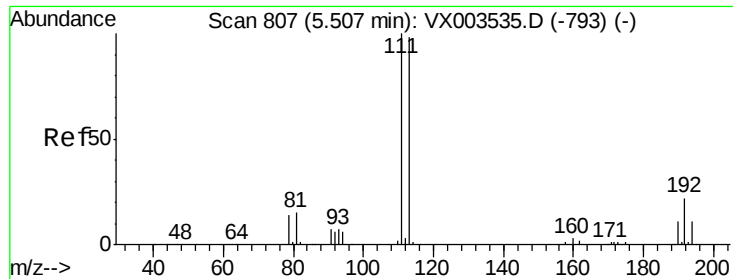


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.12 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003575.D

Acq: 22 Jul 2018 01:29

Instrument :

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LC-SD-EB01-180716

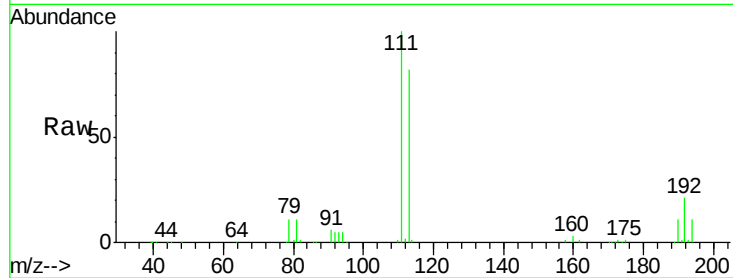
Tot Ion:113 Resp: 157777

Ion Ratio Lower Upper

113 100

111 107.2 81.4 122.0

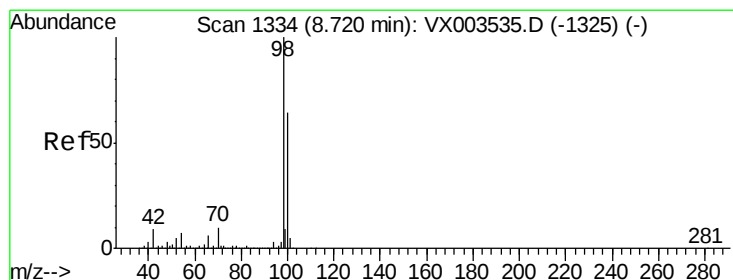
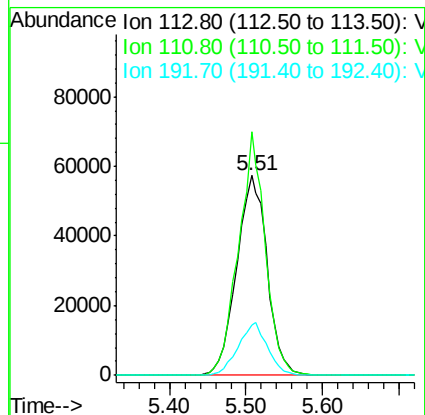
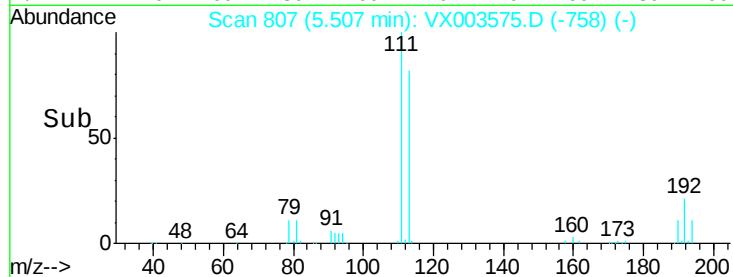
192 25.4 19.1 28.7



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: 43.80 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003575.D

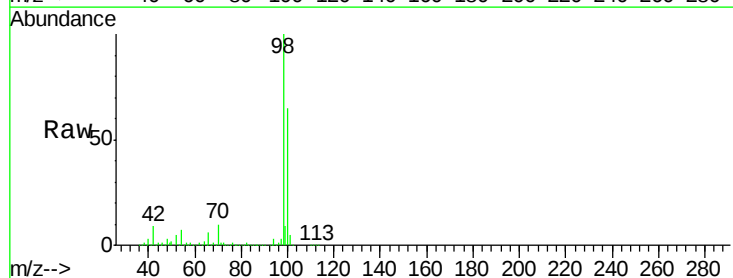
Acq: 22 Jul 2018 01:29

Tgt Ion: 98 Resp: 575724

Ion Ratio Lower Upper

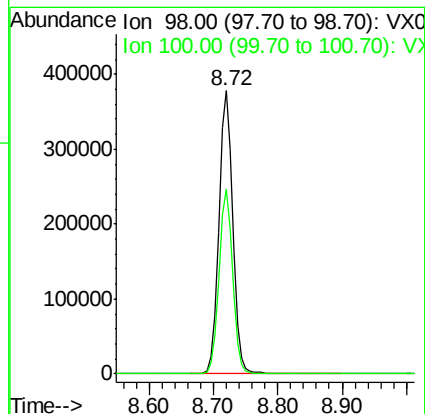
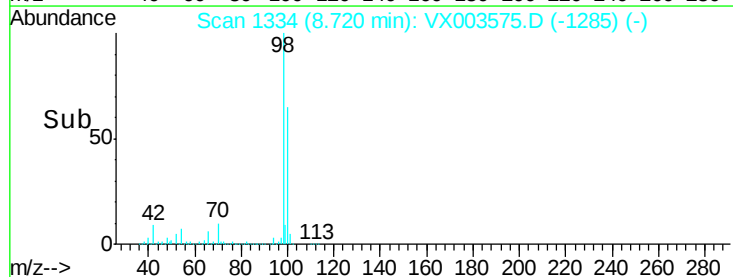
98 100

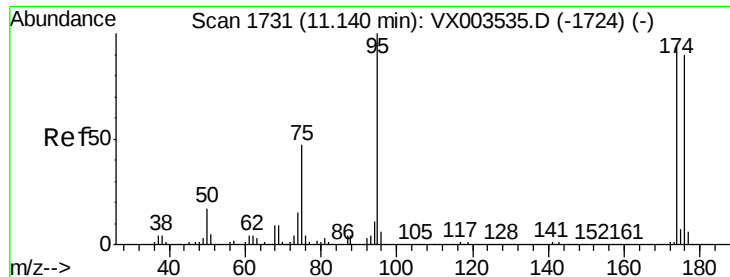
100 64.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

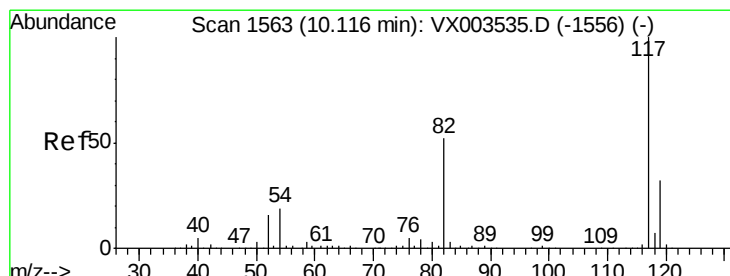
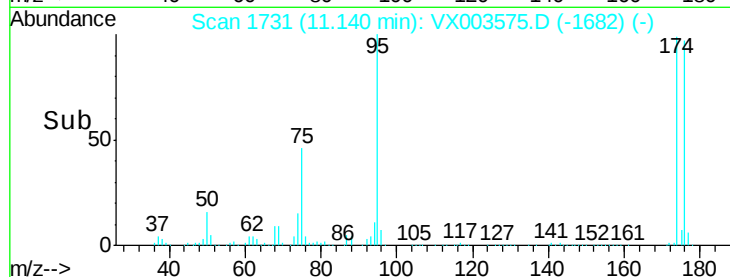
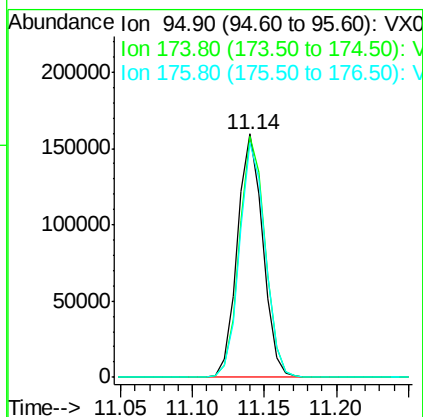
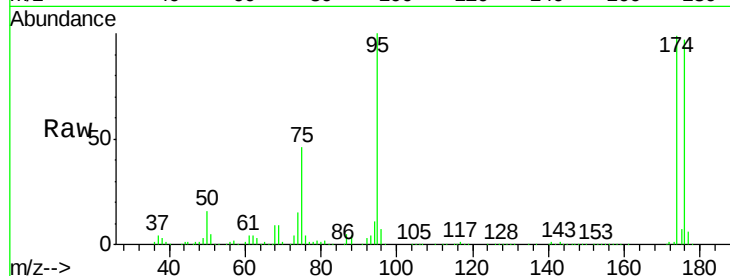




#62
4-Bromofluorobenzene
Concen: 41.01 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003575.D
Acq: 22 Jul 2018 01:29

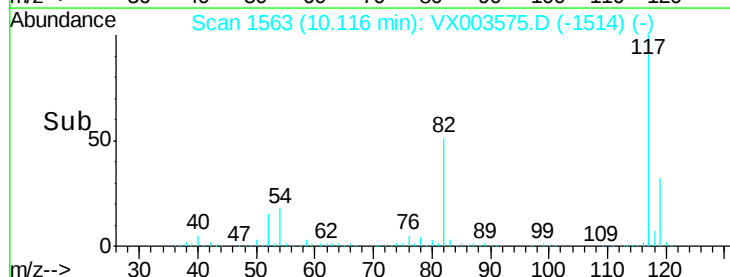
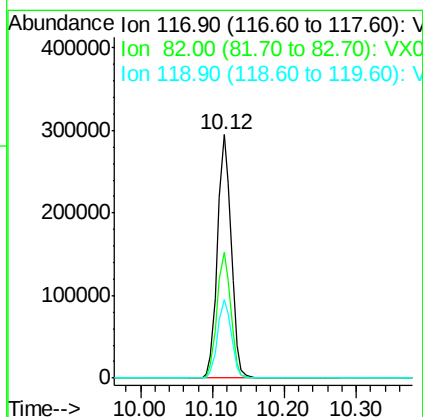
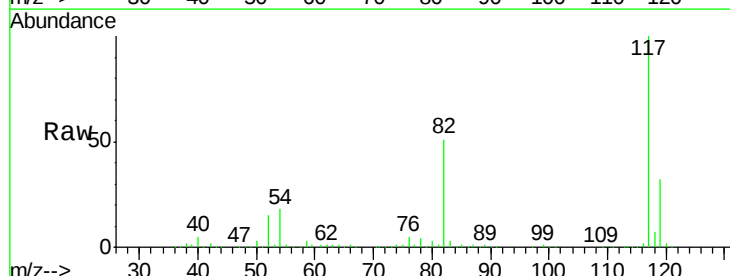
Instrument :
MSVOA_X
ClientSampleId :
LC-SD-EB01-180716

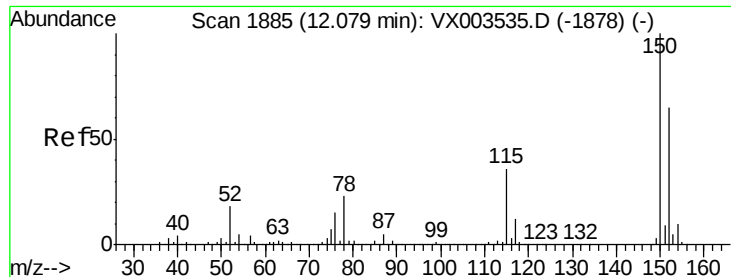
Tot Ion: 95 Resp: 196714
Ion Ratio Lower Upper
95 100
174 99.4 0.0 187.4
176 96.6 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003575.D
Acq: 22 Jul 2018 01:29

Tgt Ion: 117 Resp: 386625
Ion Ratio Lower Upper
117 100
82 51.4 45.0 67.4
119 32.2 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003575.D

Acq: 22 Jul 2018 01:29

Instrument :

MSVOA_X

ClientSampleId :

LC-SD-EB01-180716

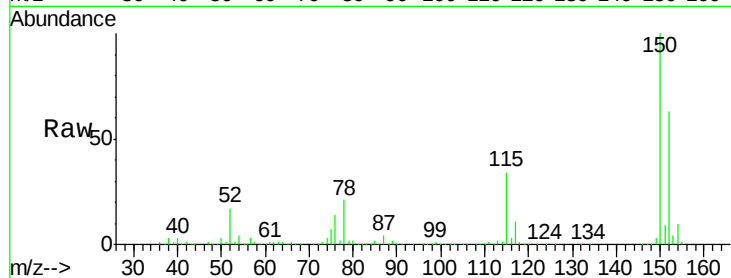
Tot Ion:152 Resp: 213127

Ion Ratio Lower Upper

152 100

115 53.9 40.1 120.2

150 157.7 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

