

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002328.D
 Acq On : 06 Jun 2018 02:10
 Operator : JC/MD
 Sample : J3308-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-02

Quant Time: Jun 06 07:02:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	225887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	326674	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	164628	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	156810	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
35) Dibromofluoromethane	5.51	113	113249	44.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.16%	
50) Toluene-d8	8.72	98	467861	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
62) 4-Bromofluorobenzene	11.14	95	160447	42.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.52%	

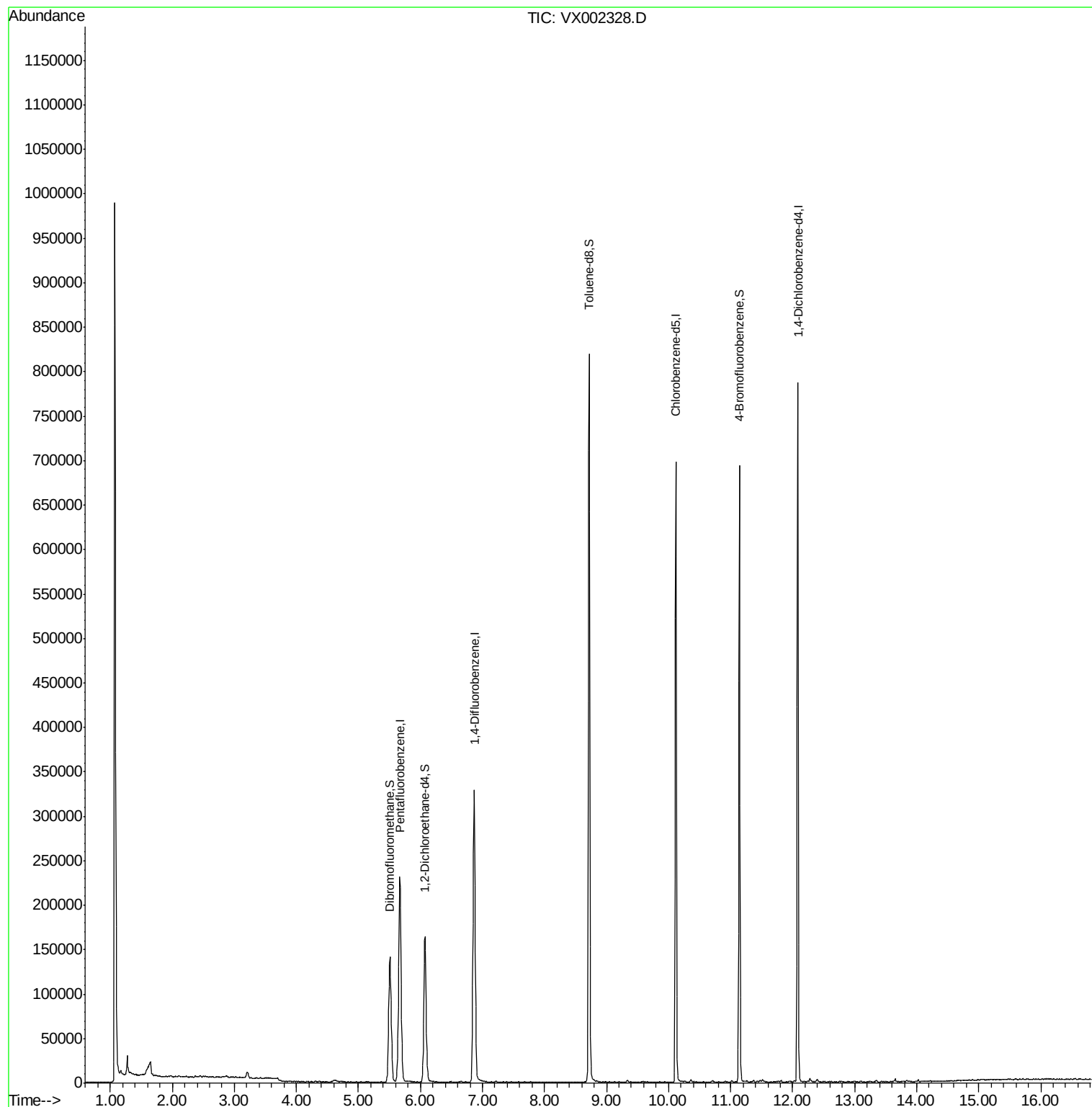
Target Compounds	Qvalue
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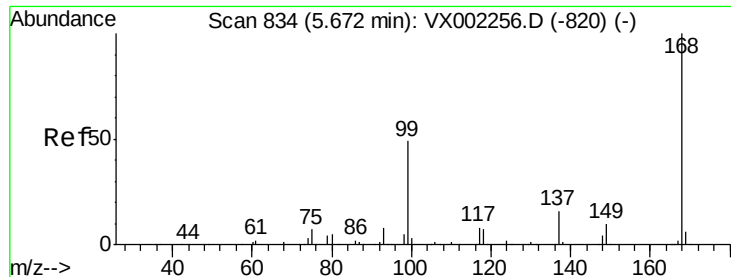
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002328.D

Acq: 06 Jun 2018 02:10

Instrument :

MSVOA_X

ClientSampleId :

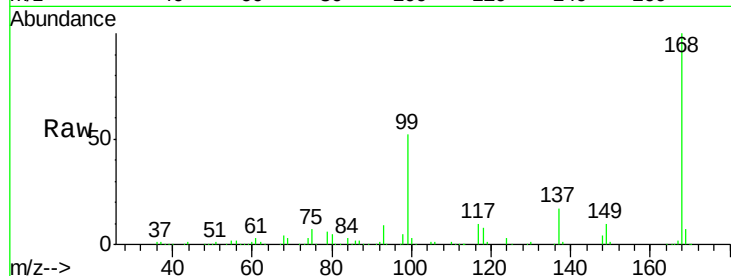
GMW-02

Tot Ion:168 Resp: 225887

Ion Ratio Lower Upper

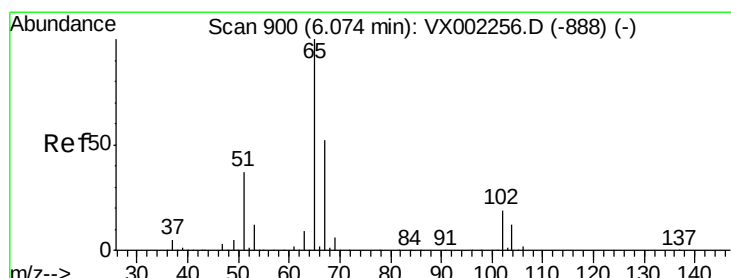
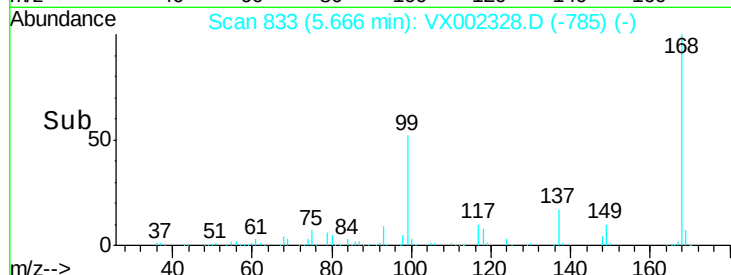
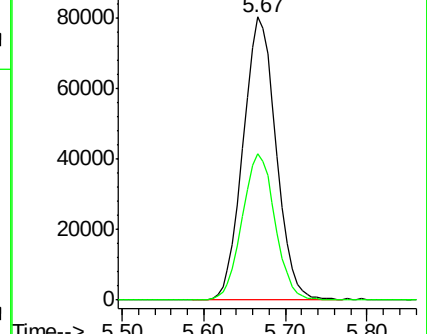
168 100

99 51.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.437 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002328.D

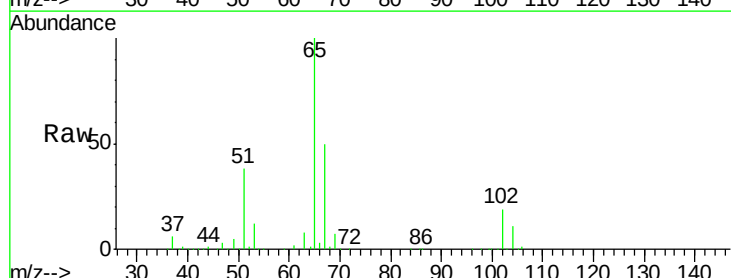
Acq: 06 Jun 2018 02:10

Tgt Ion: 65 Resp: 156810

Ion Ratio Lower Upper

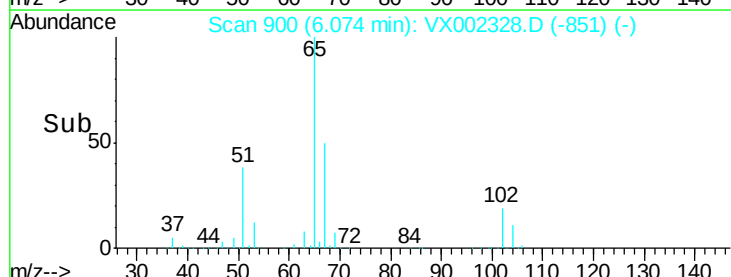
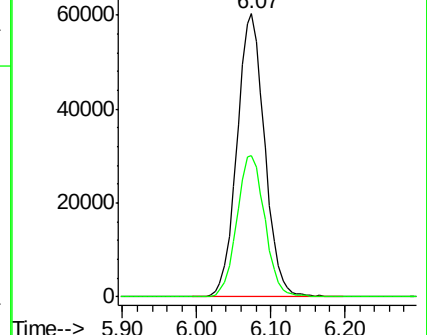
65 100

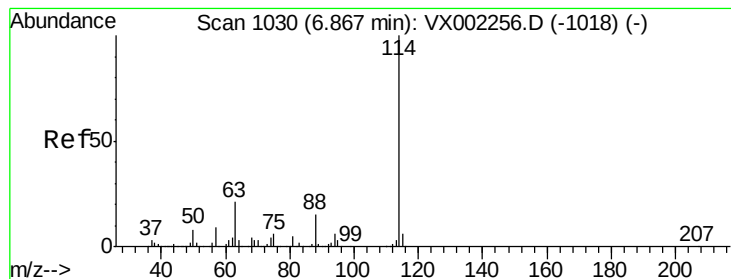
67 50.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002328.D

Acq: 06 Jun 2018 02:10

Instrument :

MSVOA_X

ClientSampleId :

GMW-02

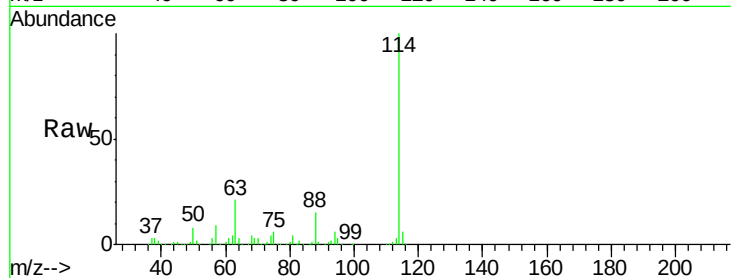
Tot Ion:114 Resp: 326674

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.4

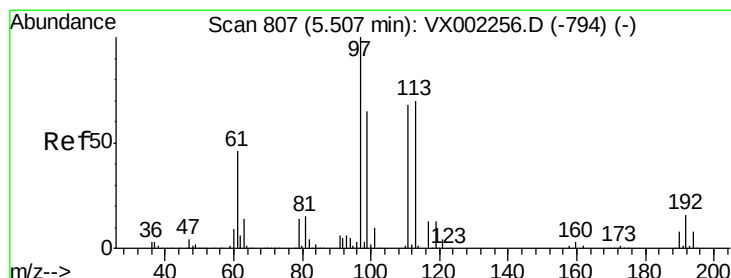
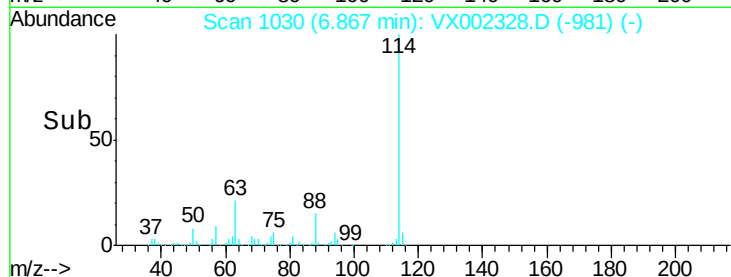
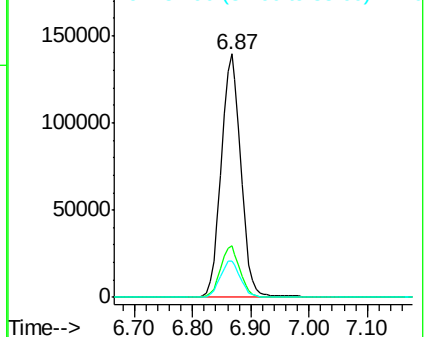
88 14.7 0.0 30.0



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: 44.083 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002328.D

Acq: 06 Jun 2018 02:10

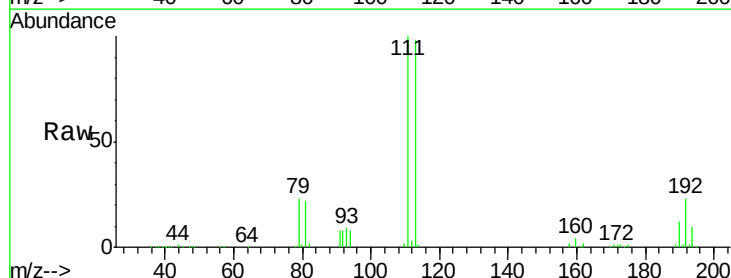
Tgt Ion:113 Resp: 113249

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

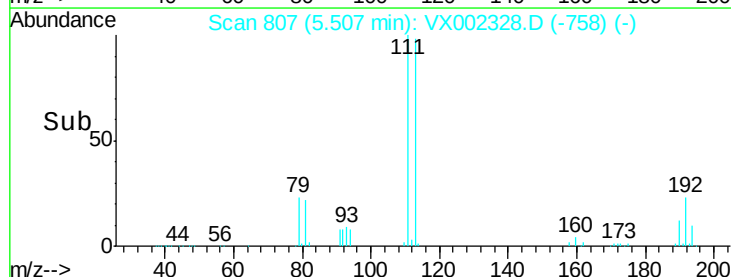
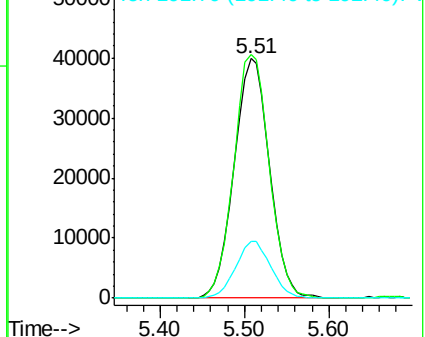
192 23.4 19.1 28.7

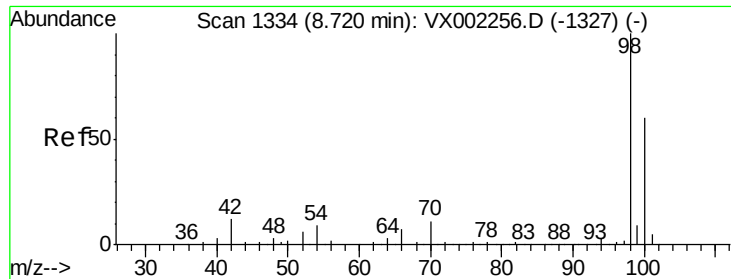


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

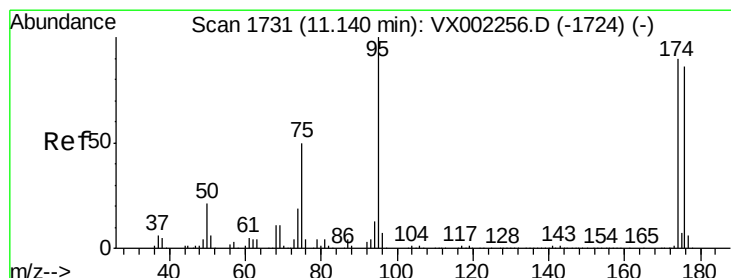
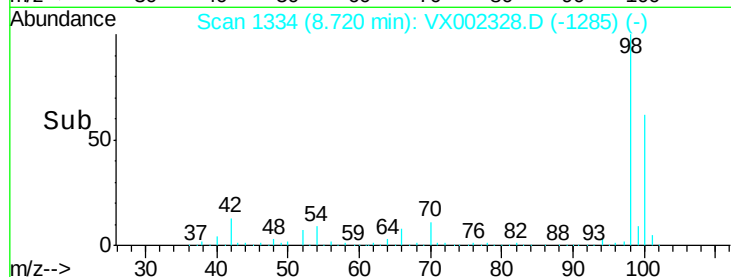
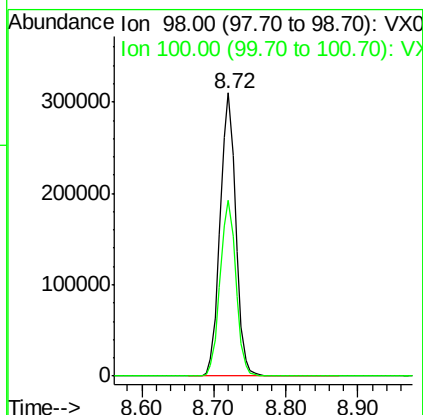
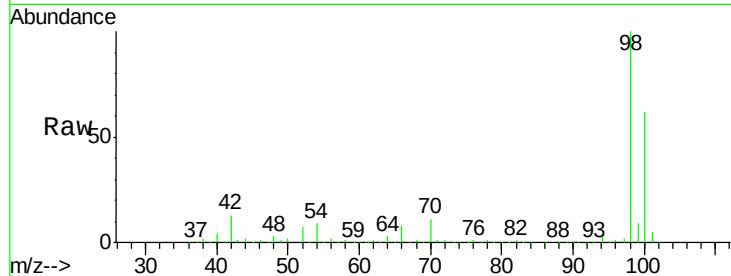




#50
Toluene-d8
Concen: 47.514 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002328.D
Acq: 06 Jun 2018 02:10

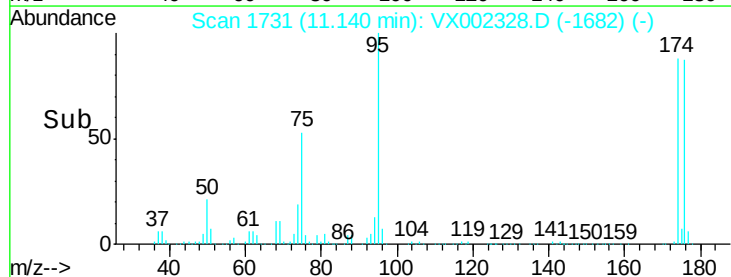
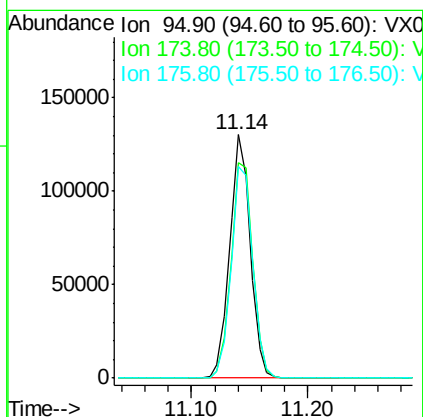
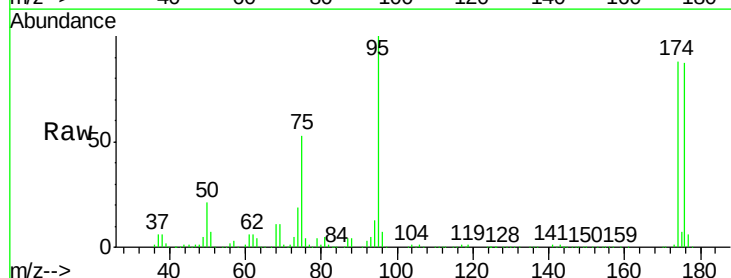
Instrument :
MSVOA_X
ClientSampleId :
GMW-02

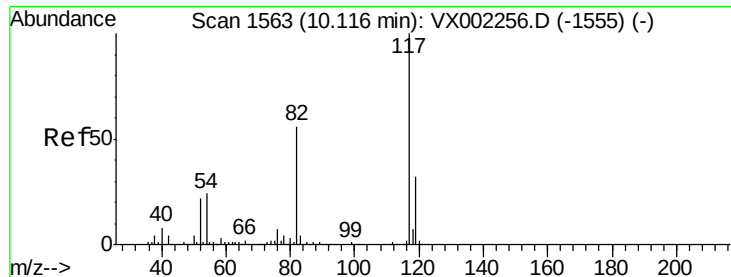
Tot Ion: 98 Resp: 467861
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 42.256 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002328.D
Acq: 06 Jun 2018 02:10

Tgt Ion: 95 Resp: 160447
Ion Ratio Lower Upper
95 100
174 93.5 0.0 187.4
176 91.4 0.0 181.0

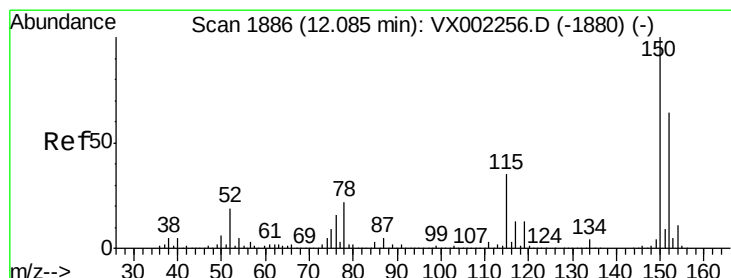
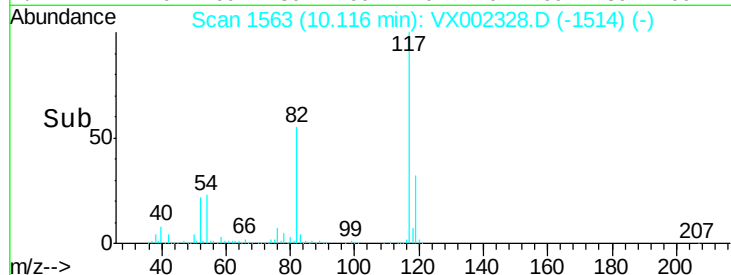
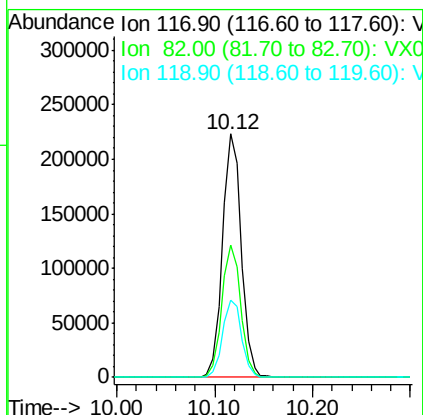
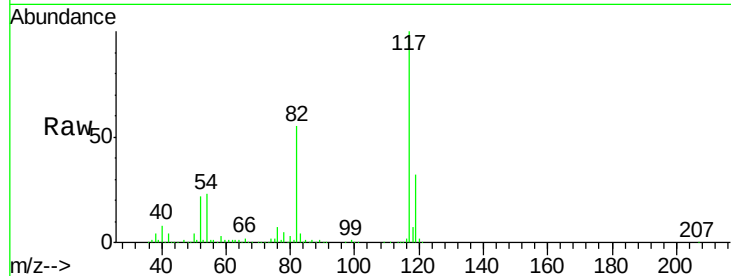




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002328.D
Acq: 06 Jun 2018 02:10

Instrument :
MSVOA_X
ClientSampleId :
GMW-02

Tot Ion:117 Resp: 297211
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.4
119 31.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002328.D
Acq: 06 Jun 2018 02:10

Tgt Ion:152 Resp: 164628
Ion Ratio Lower Upper
152 100
115 55.3 40.1 120.2
150 156.8 0.0 347.2

