

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032918\
 Data File : VX000515.D
 Acq On : 29 Mar 2018 16:24
 Operator : JC/MD
 Sample : J2097-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-4

Quant Time: Mar 30 07:10:02 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	122770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	228523	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	224699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	118300	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	94023	58.67	ug/l	0.00
Spiked Amount			Recovery	=	117.34%	
35) Dibromofluoromethane	5.51	113	70665	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	
50) Toluene-d8	8.73	98	286243	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
62) 4-Bromofluorobenzene	11.15	95	102533	41.84	ug/l	0.00
Spiked Amount			Recovery	=	83.68%	

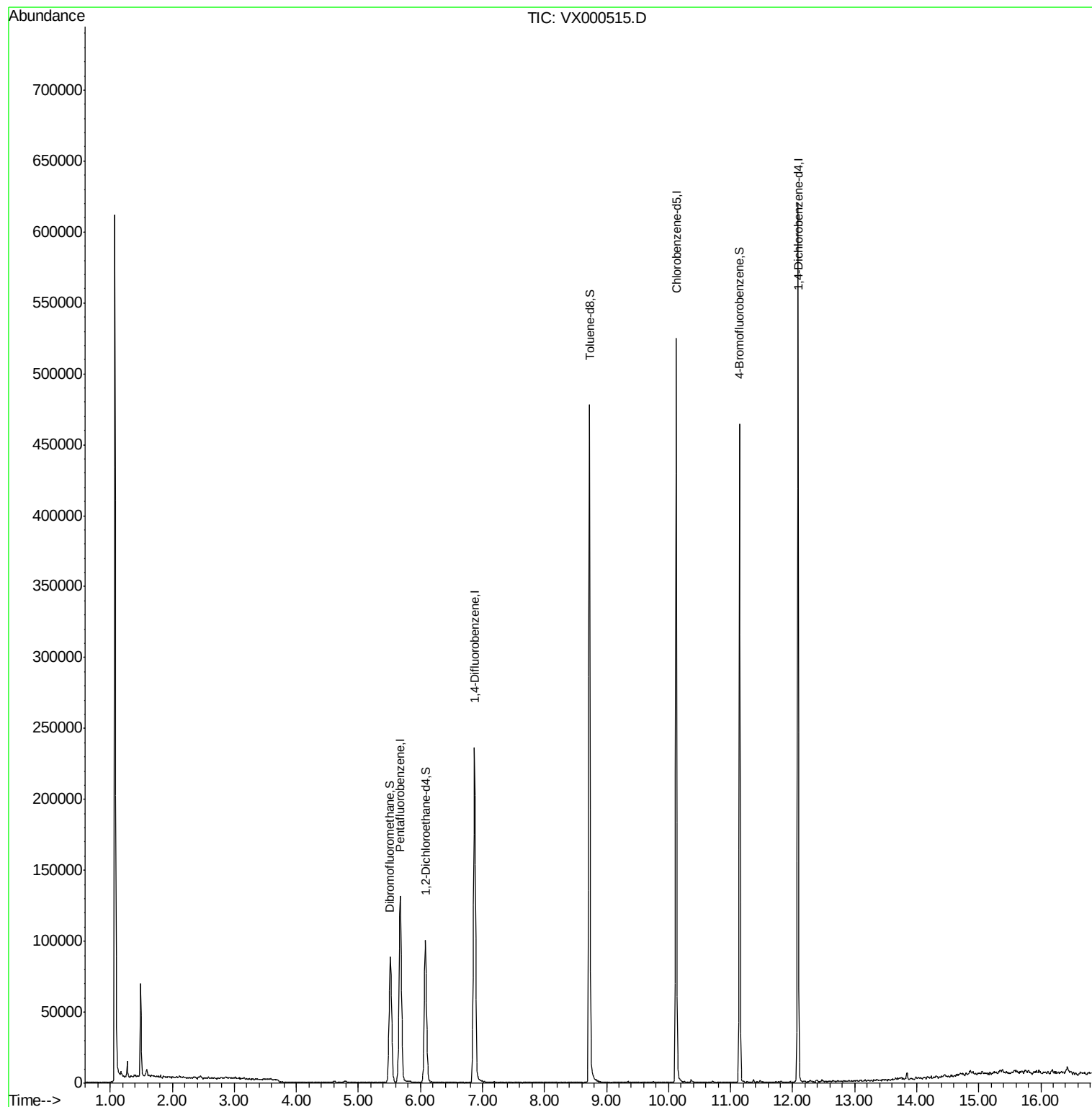
Target Compounds	Qvalue

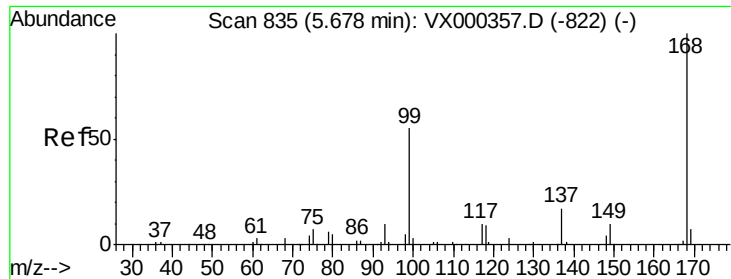
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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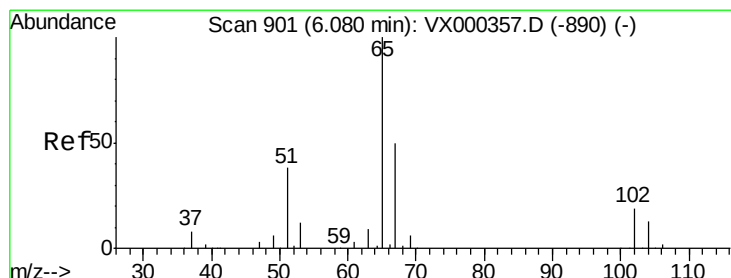
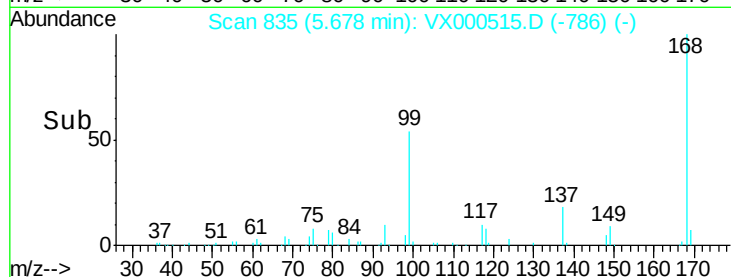
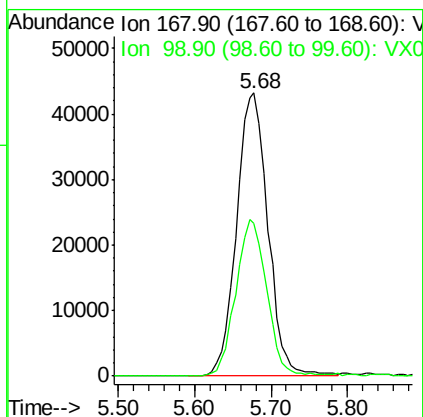
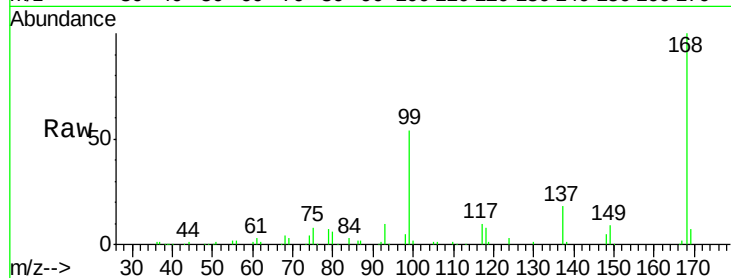




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.00 min
Lab File: VX000515.D
Acq: 29 Mar 2018 16:24

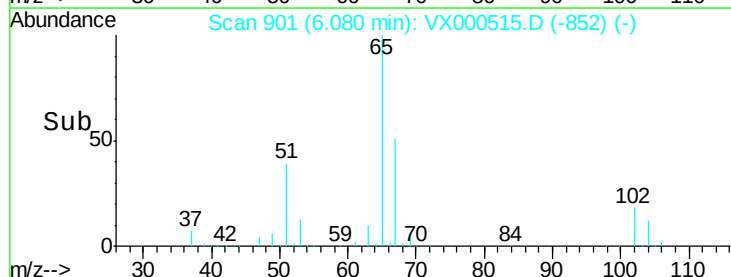
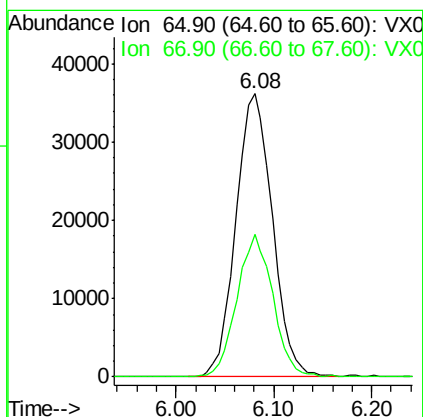
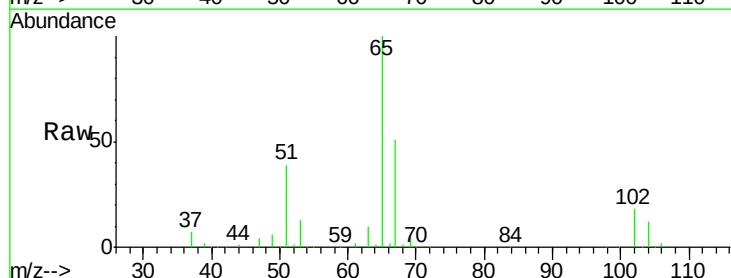
Instrument :
MSVOA_X
ClientSampleId :
PZ-4

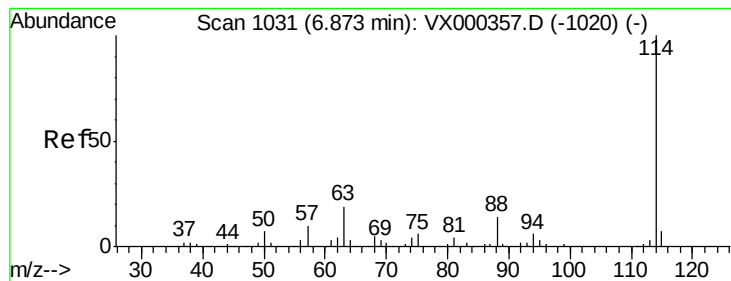
Tot Ion:168 Resp: 122770
Ion Ratio Lower Upper
168 100
99 54.2 45.8 68.6



#33
1,2-Dichloroethane-d4
Concen: 58.67 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000515.D
Acq: 29 Mar 2018 16:24

Tgt Ion: 65 Resp: 94023
Ion Ratio Lower Upper
65 100
67 49.4 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000515.D

Acq: 29 Mar 2018 16:24

Instrument :

MSVOA_X

ClientSampled :

PZ-4

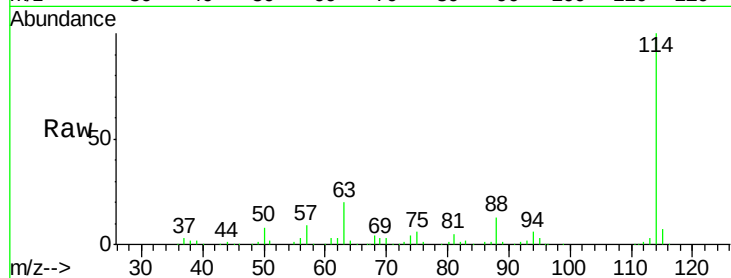
Tot Ion:114 Resp: 228523

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.4

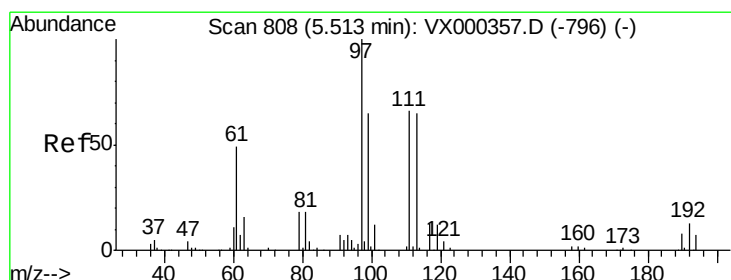
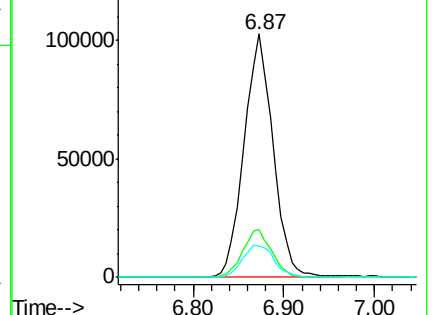
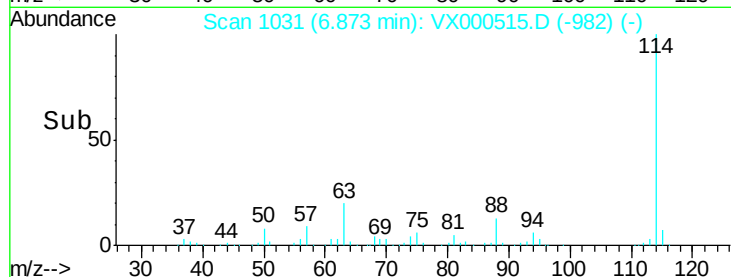
88 13.1 0.0 27.0



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: 49.08 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000515.D

Acq: 29 Mar 2018 16:24

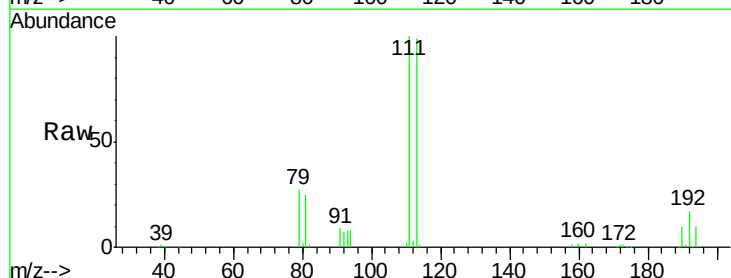
Tgt Ion:113 Resp: 70665

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

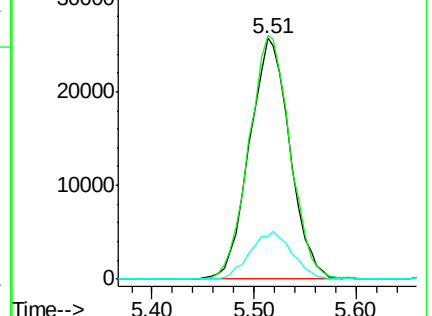
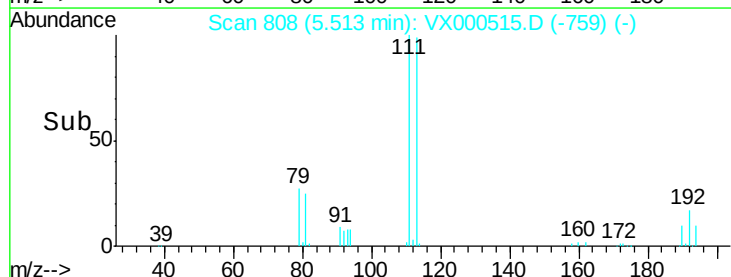
192 20.5 15.8 23.6

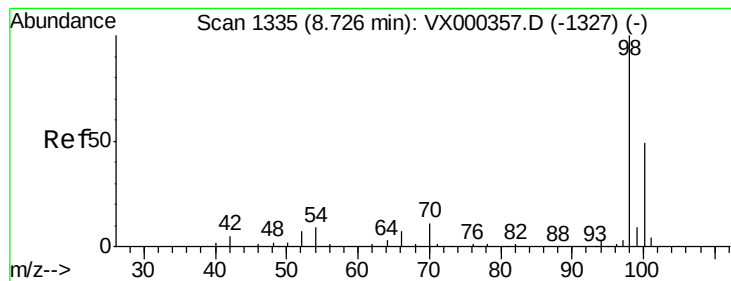


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.00 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000515.D

Acq: 29 Mar 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

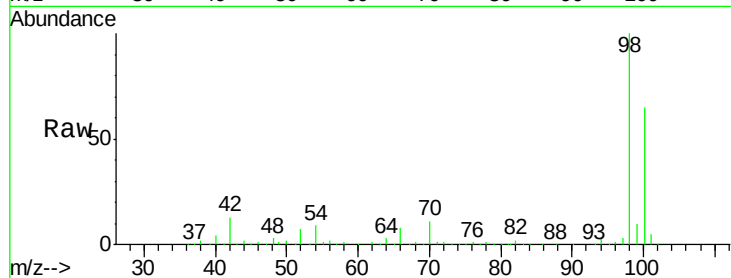
PZ-4

Tot Ion: 98 Resp: 286243

Ion Ratio Lower Upper

98 100

100 63.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

200000

150000

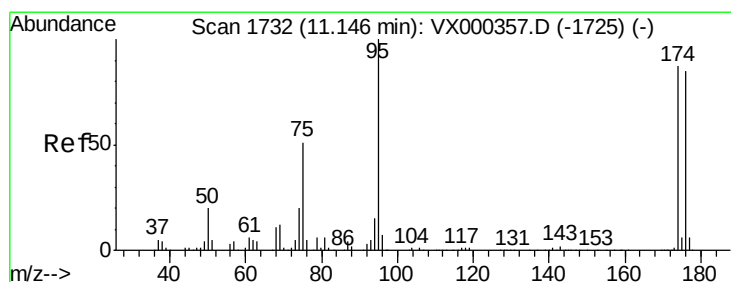
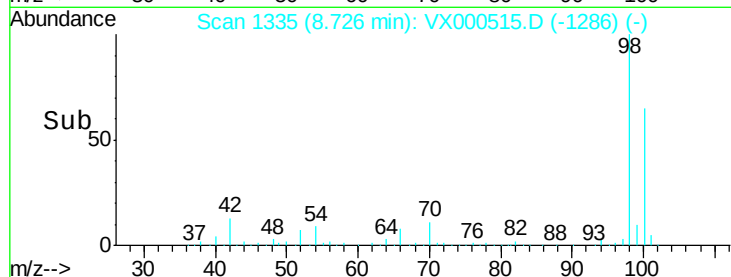
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 41.84 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000515.D

Acq: 29 Mar 2018 16:24

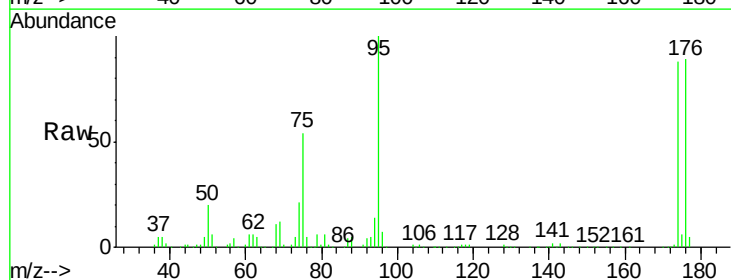
Tgt Ion: 95 Resp: 102533

Ion Ratio Lower Upper

95 100

174 89.0 0.0 173.6

176 87.9 0.0 164.6



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

100000

80000

60000

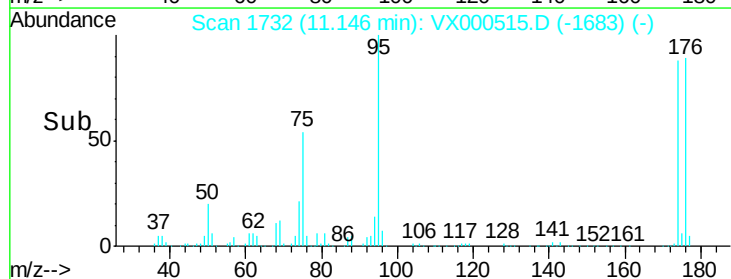
40000

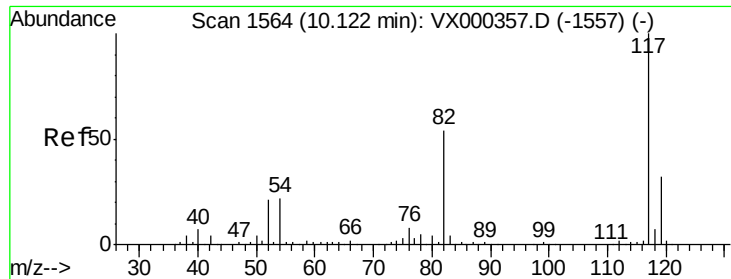
20000

0

11.10 11.20

Time-->

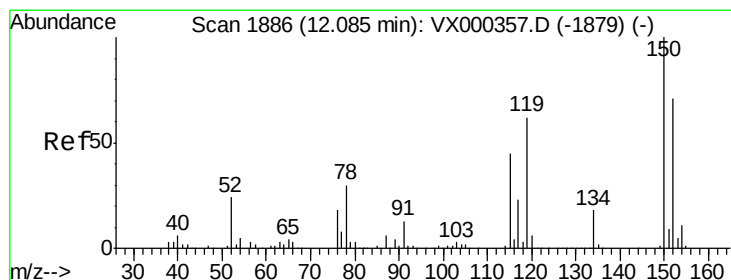
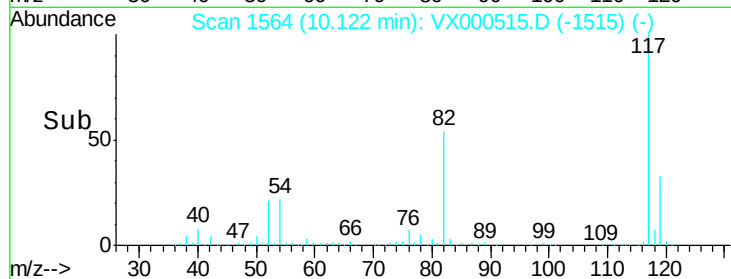
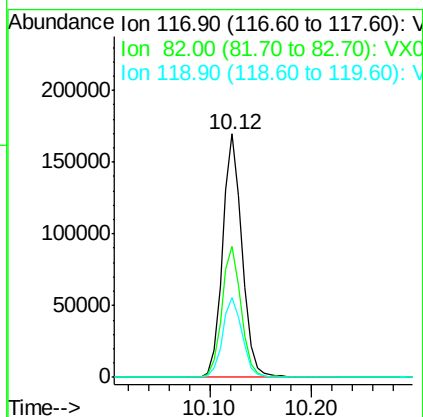
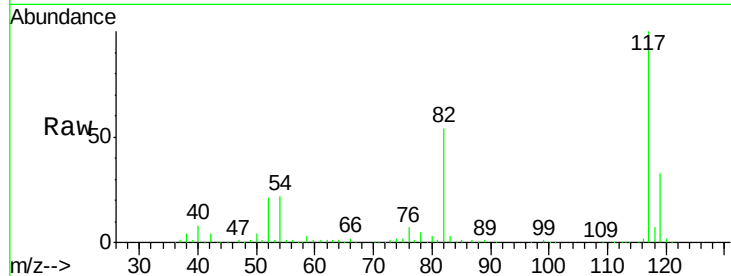




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000515.D
Acq: 29 Mar 2018 16:24

Instrument :
MSVOA_X
ClientSampled :
PZ-4

Tot Ion:117 Resp: 224699
Ion Ratio Lower Upper
117 100
82 53.6 43.8 65.8
119 32.5 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000515.D
Acq: 29 Mar 2018 16:24

Tgt Ion:152 Resp: 118300
Ion Ratio Lower Upper
152 100
115 57.2 39.8 119.3
150 157.0 0.0 344.4

