

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041518\
 Data File : VX000900.D
 Acq On : 15 Apr 2018 16:37
 Operator : JC/MD
 Sample : PB108205ZHE#15 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB108205ZHE#15 5X

Quant Time: Apr 16 08:22:29 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	278982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	378861	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	351972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	231311	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	166564	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
35) Dibromofluoromethane	5.51	113	133885	45.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.74%	
50) Toluene-d8	8.72	98	528002	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
62) 4-Bromofluorobenzene	11.14	95	204655	45.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.02%	

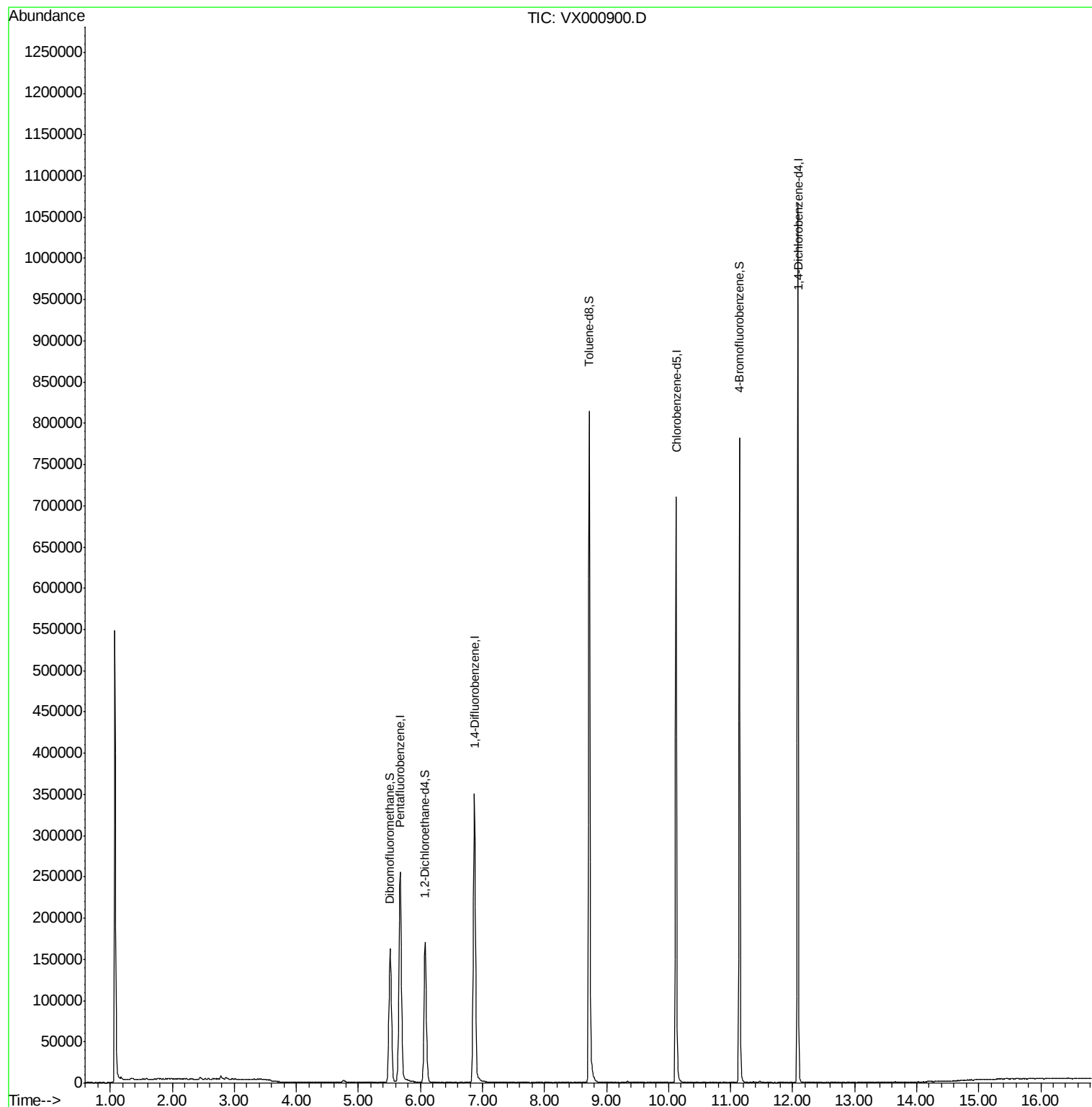
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX000900.D

Acq: 15 Apr 2018 16:37

Instrument :

MSVOA_X

ClientSampleId :

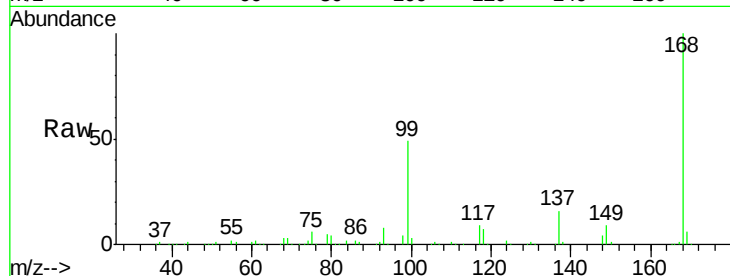
PB108205ZHE#15 5X

Tot Ion:168 Resp: 278982

Ion Ratio Lower Upper

168 100

99 48.8 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

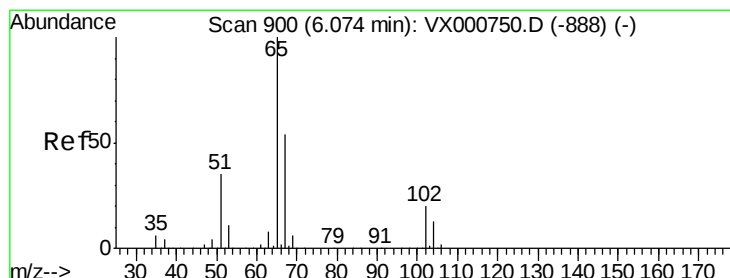
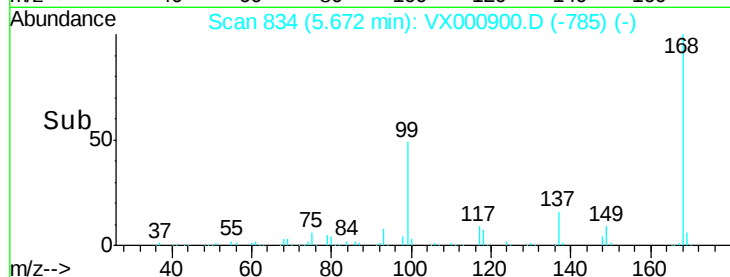
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.35 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX000900.D

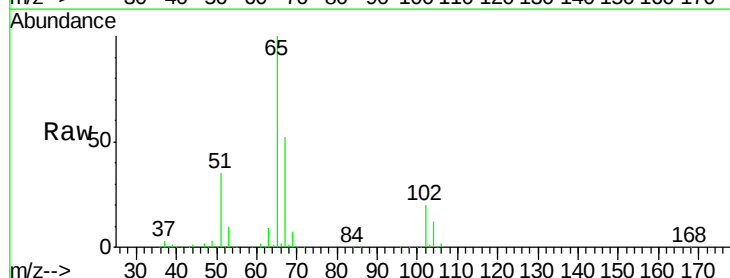
Acq: 15 Apr 2018 16:37

Tgt Ion: 65 Resp: 166564

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

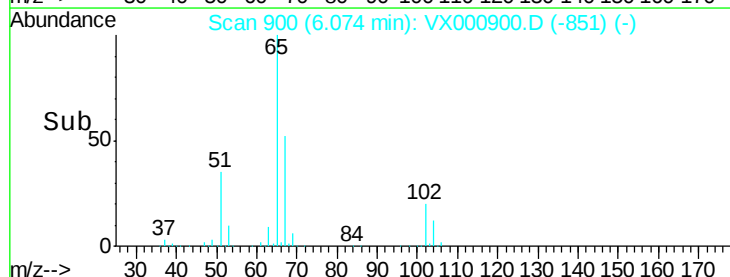
40000

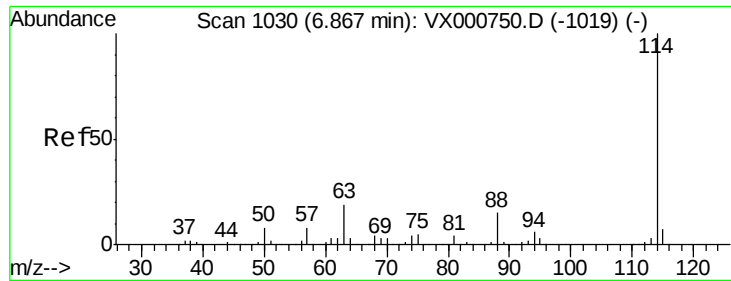
20000

0

Time-->

6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX000900.D

Acq: 15 Apr 2018 16:37

Instrument :

MSVOA_X

ClientSampleId :

PB108205ZHE#15 5X

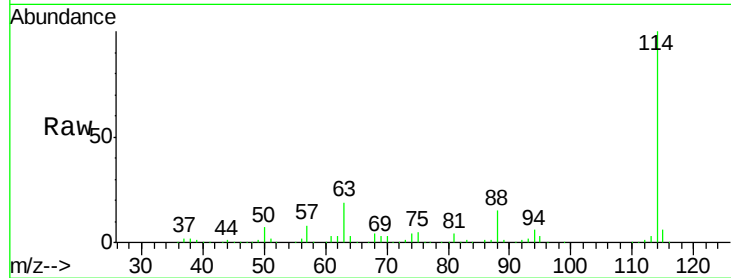
Tot Ion:114 Resp: 378861

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

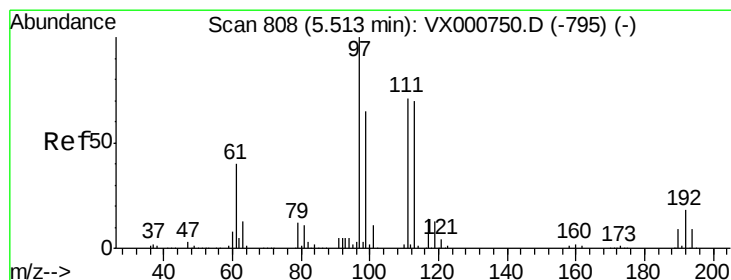
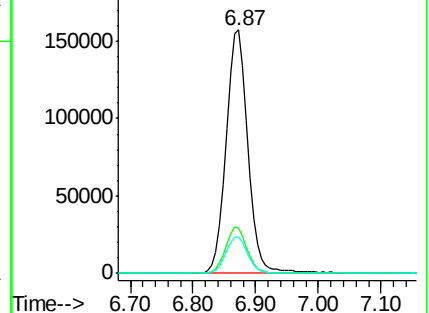
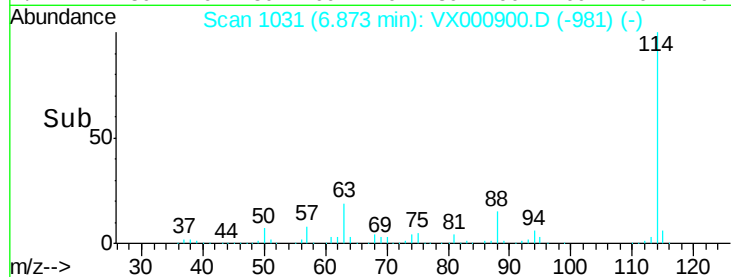
88 15.0 0.0 31.0



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: 45.87 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000900.D

Acq: 15 Apr 2018 16:37

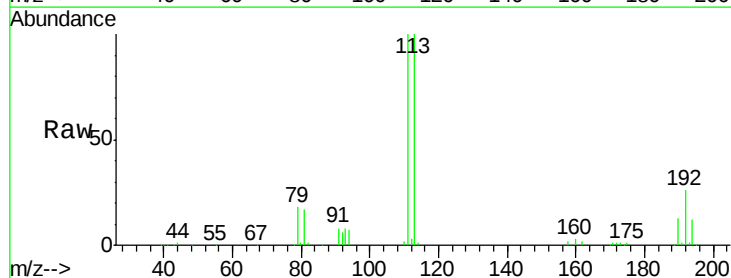
Tgt Ion:113 Resp: 133885

Ion Ratio Lower Upper

113 100

111 102.0 81.5 122.3

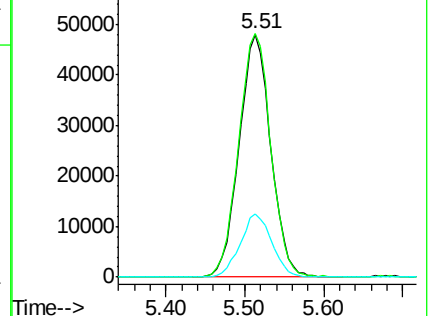
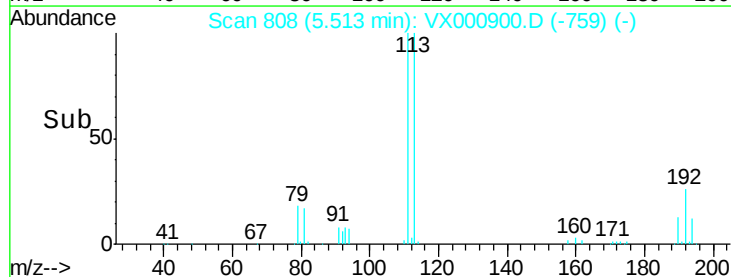
192 26.1 20.4 30.6

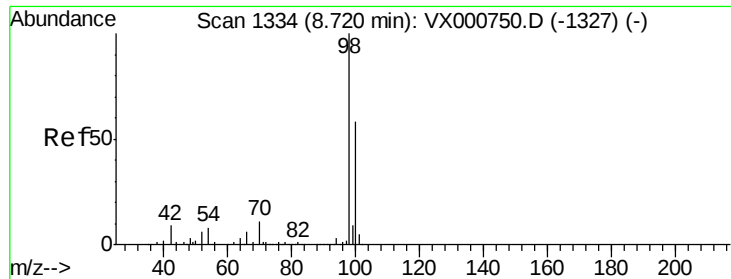


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.58 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX000900.D

Acq: 15 Apr 2018 16:37

Instrument :

MSVOA_X

ClientSampleId :

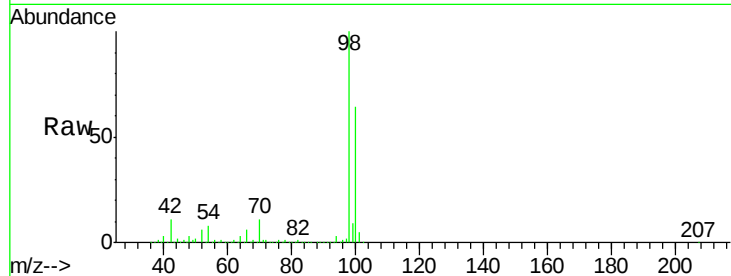
PB108205ZHE#15 5X

Tot Ion: 98 Resp: 528002

Ion Ratio Lower Upper

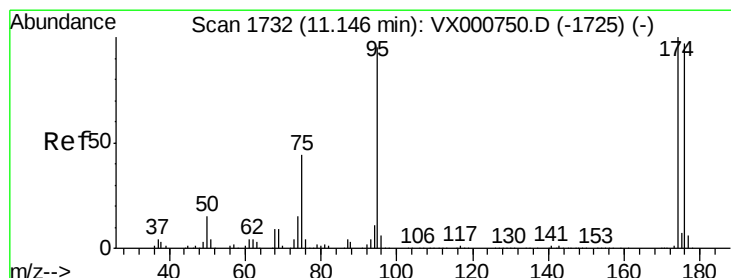
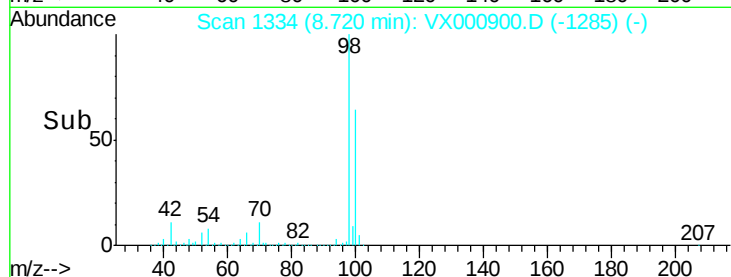
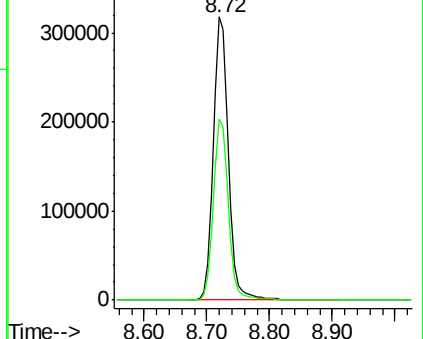
98 100

100 64.1 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.51 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000900.D

Acq: 15 Apr 2018 16:37

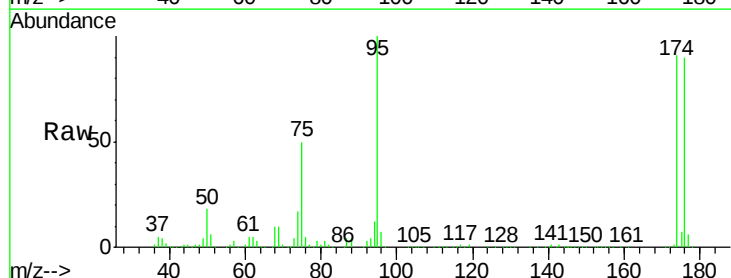
Tgt Ion: 95 Resp: 204655

Ion Ratio Lower Upper

95 100

174 98.1 0.0 198.4

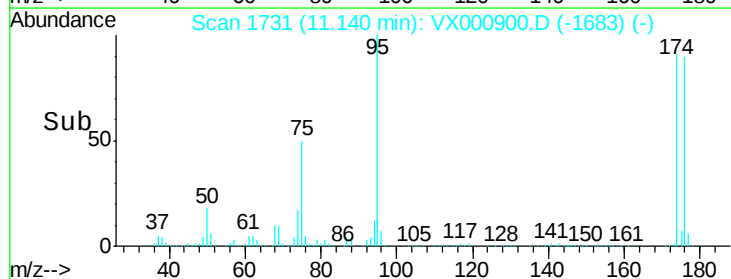
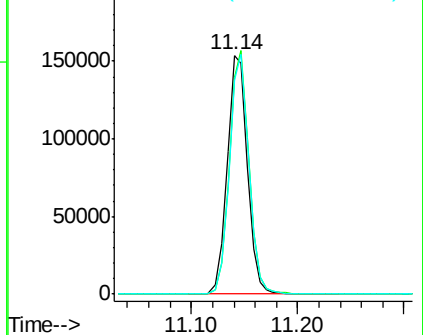
176 97.2 0.0 194.4

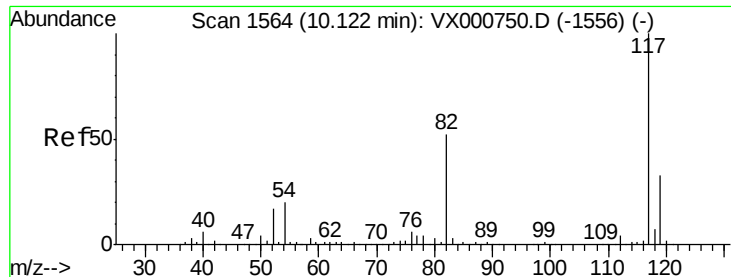


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

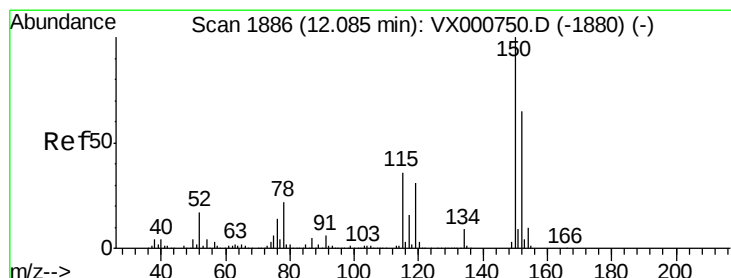
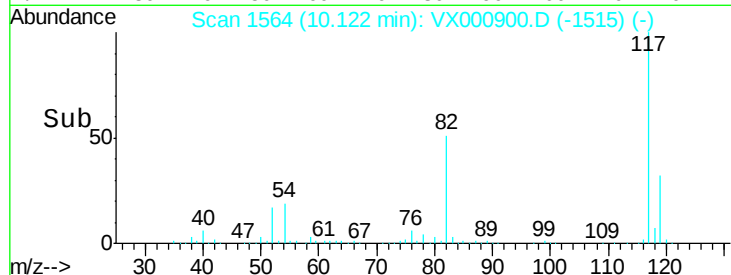
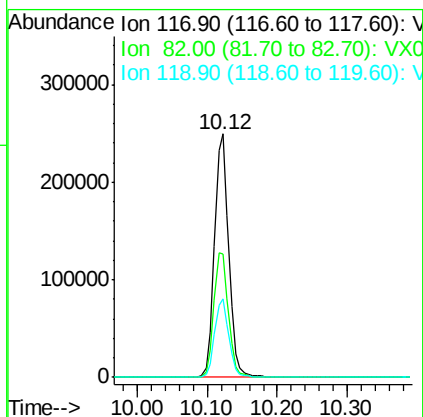
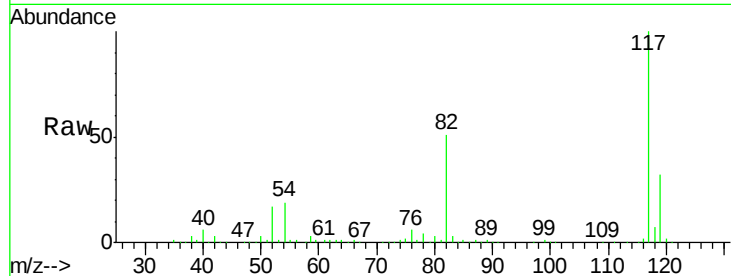




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000900.D
Acq: 15 Apr 2018 16:37

Instrument :
MSVOA_X
ClientSampleId :
PB108205ZHE#15 5X

Tot Ion:117 Resp: 351972
Ion Ratio Lower Upper
117 100
82 50.9 41.9 62.9
119 32.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000900.D
Acq: 15 Apr 2018 16:37

Tgt Ion:152 Resp: 231311
Ion Ratio Lower Upper
152 100
115 52.9 37.9 113.7
150 155.9 0.0 348.0

