

Data Path : W:\HPCHEM1\MSVOA X\Data\VX041718\
 Data File : VX000978.D
 Acq On : 17 Apr 2018 21:05
 Operator : JC/MD
 Sample : PB108300ZHE#03 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB108300ZHE#03 5X

Quant Time: Apr 18 08:03:49 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	243421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	343086	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	207103	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	155403	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
35) Dibromofluoromethane	5.51	113	120801	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.40%	
50) Toluene-d8	8.72	98	481260	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
62) 4-Bromofluorobenzene	11.14	95	183650	45.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.20%	

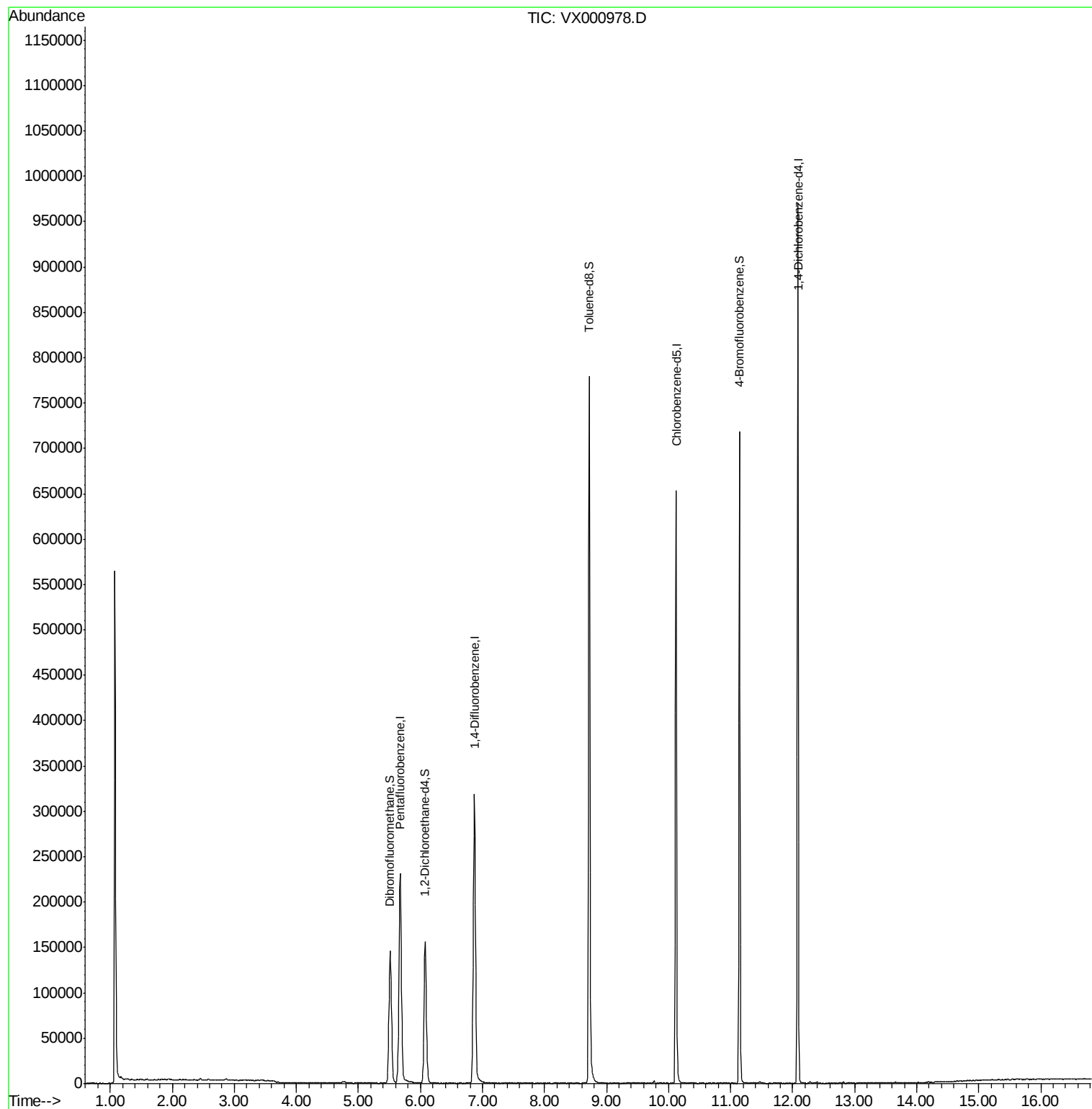
Target Compounds	Qvalue
------------------	--------

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

Data Path : W:\HPCHEM1\MSVOA X\Data\VX041718\
Data File : VX000978.D
Acq On : 17 Apr 2018 21:05
Operator : JC/MD
Sample : PB108300ZHE#03 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB108300ZHE#03 5X

Quant Time: Apr 18 08:03:49 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX000978.D

Acq: 17 Apr 2018 21:05

Instrument :

MSVOA_X

ClientSampleId :

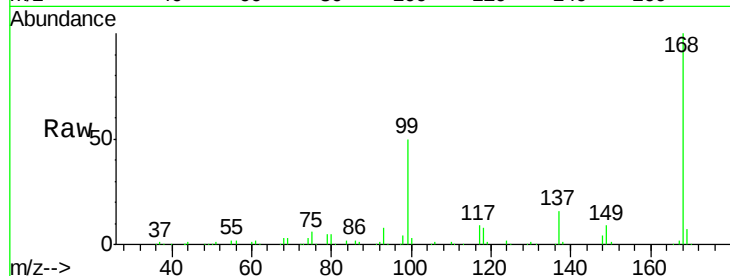
PB108300ZHE#03 5X

Tot Ion:168 Resp: 243421

Ion Ratio Lower Upper

168 100

99 49.7 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

80000

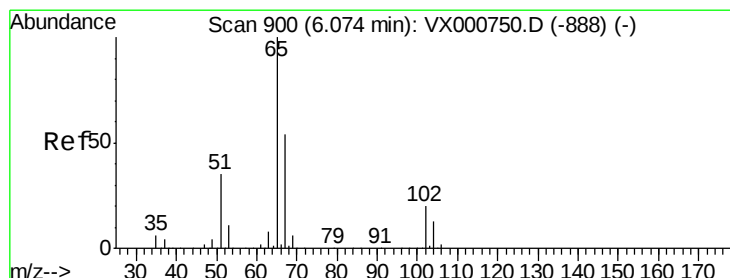
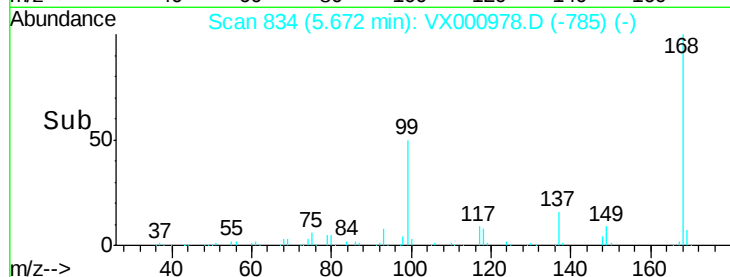
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.63 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX000978.D

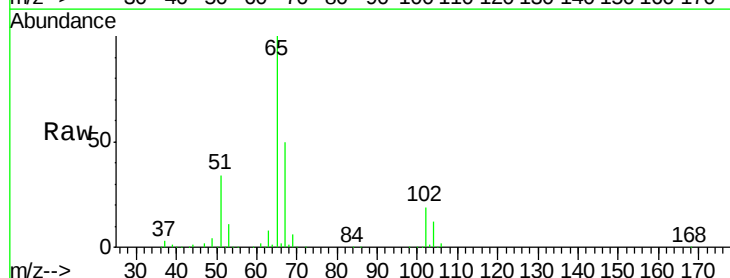
Acq: 17 Apr 2018 21:05

Tgt Ion: 65 Resp: 155403

Ion Ratio Lower Upper

65 100

67 50.8 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

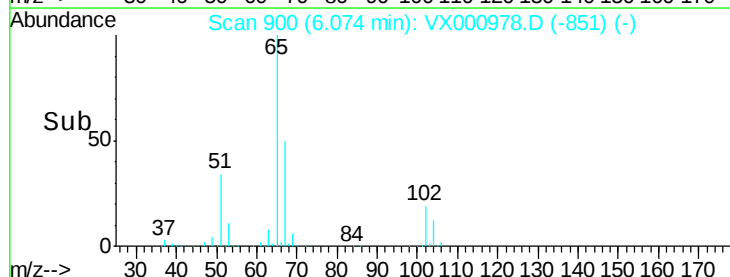
60000

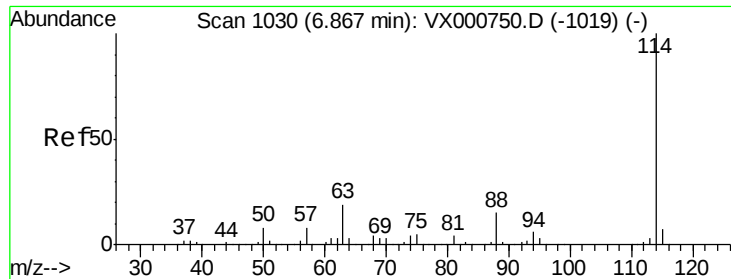
40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX000978.D

Acq: 17 Apr 2018 21:05

Instrument :

MSVOA_X

ClientSampleId :

PB108300ZHE#03 5X

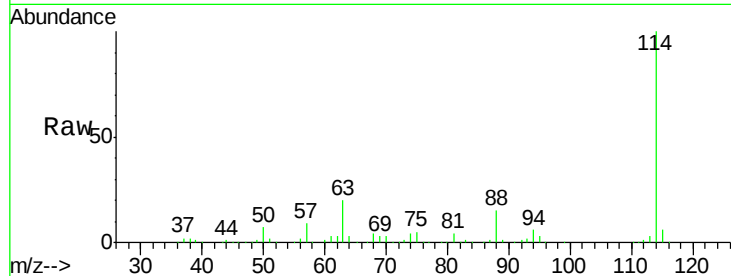
Tot Ion:114 Resp: 343086

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.4

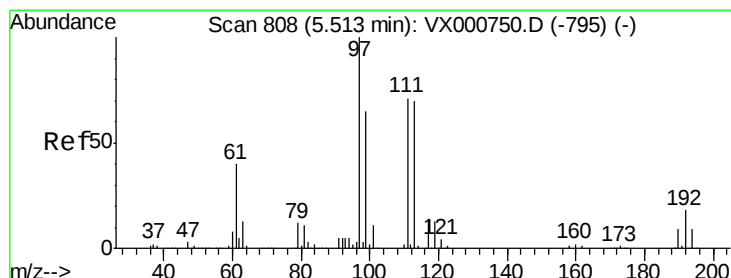
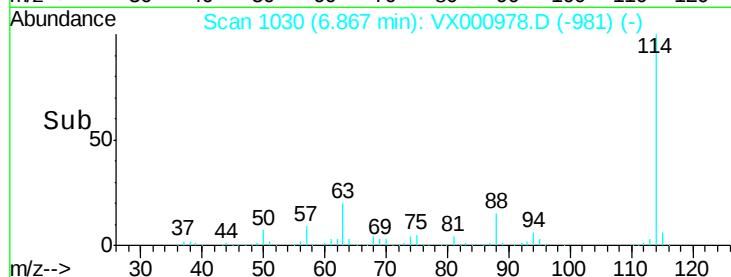
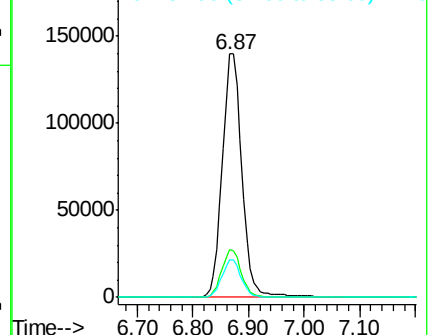
88 15.4 0.0 31.0



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: 45.70 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000978.D

Acq: 17 Apr 2018 21:05

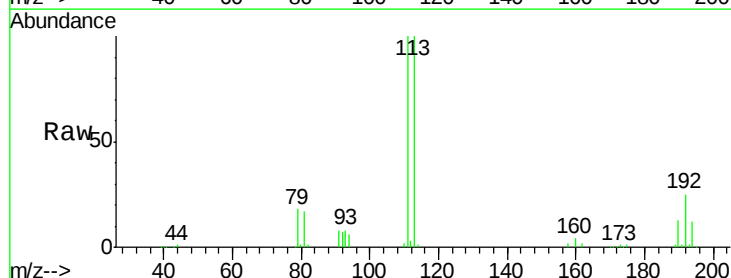
Tgt Ion:113 Resp: 120801

Ion Ratio Lower Upper

113 100

111 101.7 81.5 122.3

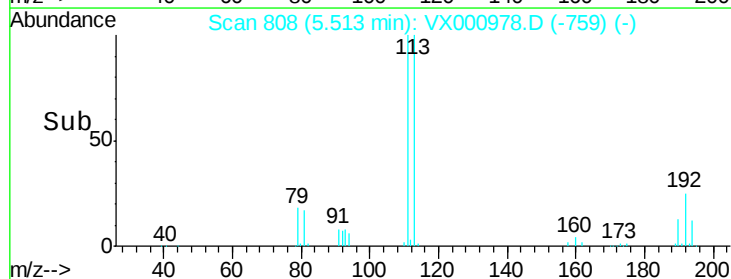
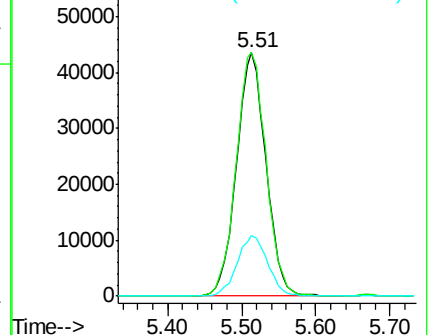
192 25.6 20.4 30.6

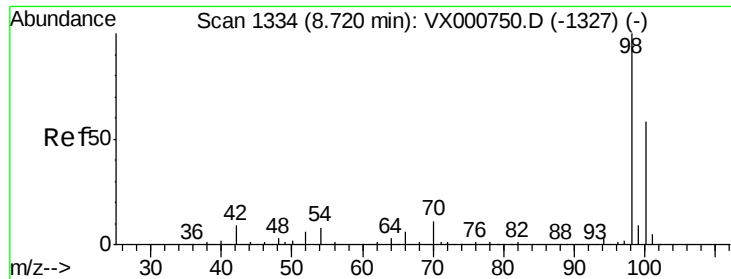


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.90 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX000978.D

Acq: 17 Apr 2018 21:05

Instrument :

MSVOA_X

ClientSampleId :

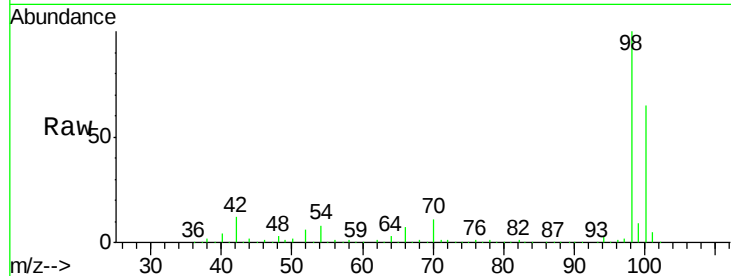
PB108300ZHE#03 5X

Tot Ion: 98 Resp: 481260

Ion Ratio Lower Upper

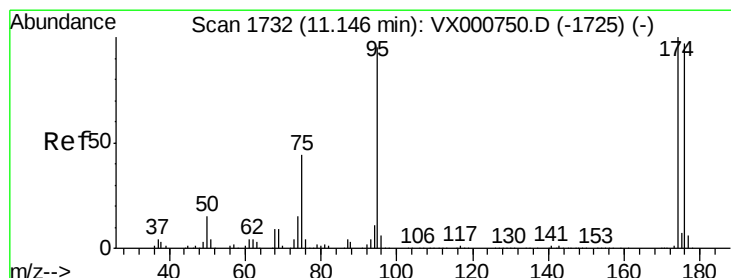
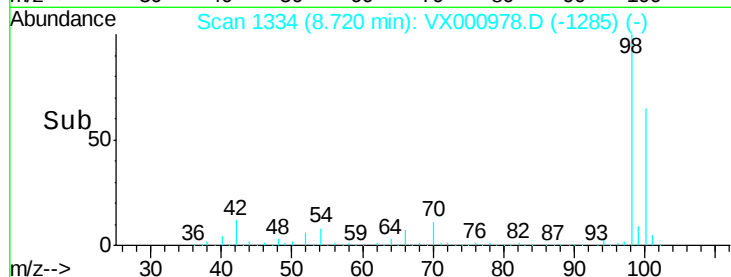
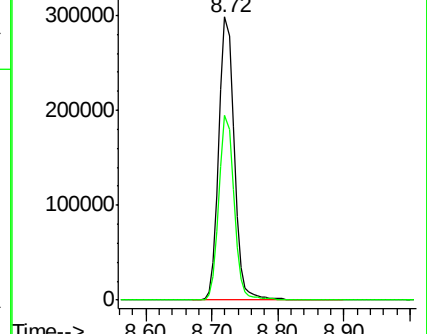
98 100

100 64.4 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: 45.10 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000978.D

Acq: 17 Apr 2018 21:05

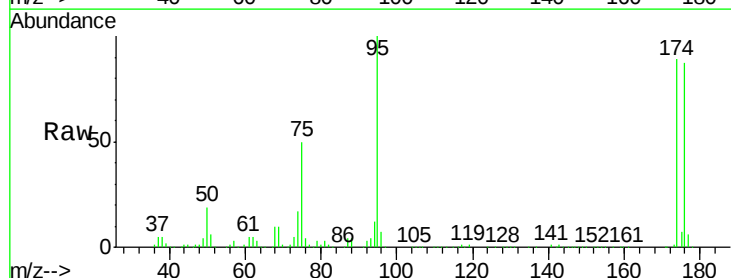
Tgt Ion: 95 Resp: 183650

Ion Ratio Lower Upper

95 100

174 98.2 0.0 198.4

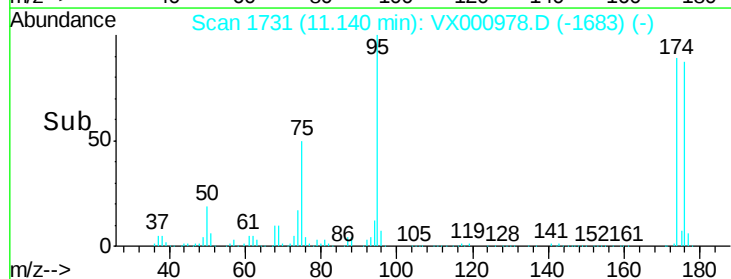
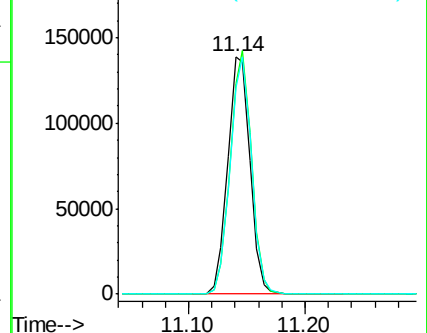
176 96.3 0.0 194.4

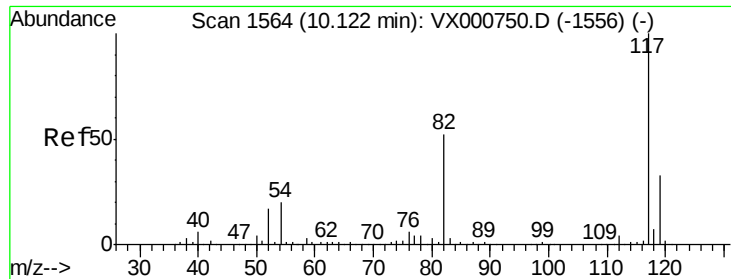


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

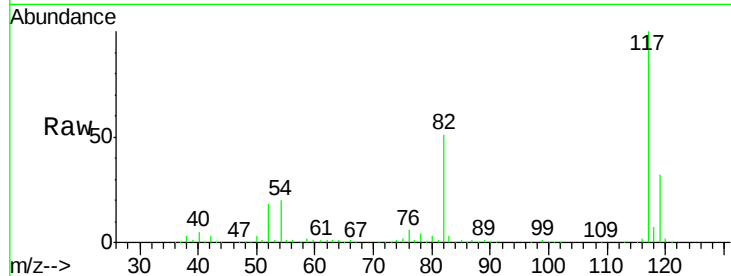




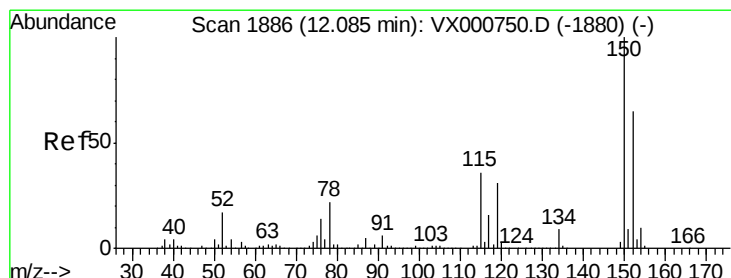
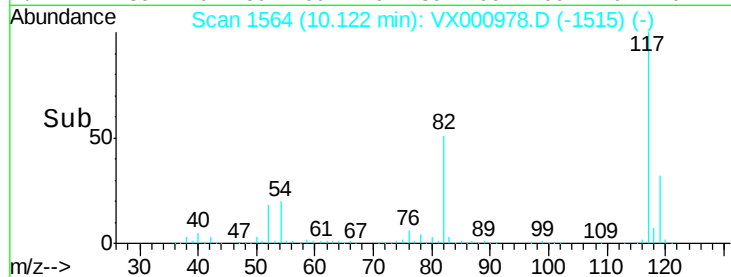
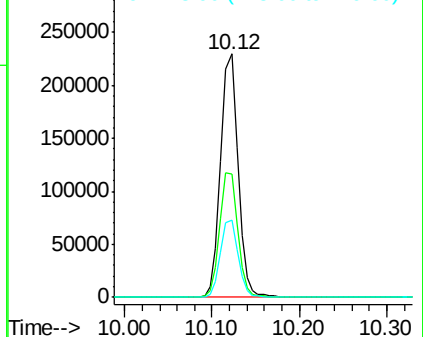
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000978.D
Acq: 17 Apr 2018 21:05

Instrument :
MSVOA_X
ClientSampleId :
PB108300ZHE#03 5X

Tot Ion:117 Resp: 318048
Ion Ratio Lower Upper
117 100
82 50.8 41.9 62.9
119 31.7 26.0 39.0

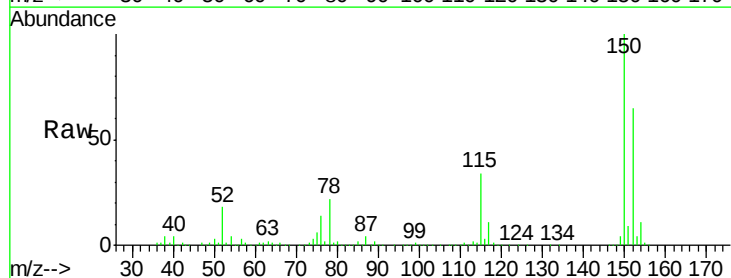


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000978.D
Acq: 17 Apr 2018 21:05

Tgt Ion:152 Resp: 207103
Ion Ratio Lower Upper
152 100
115 53.7 37.9 113.7
150 155.6 0.0 348.0



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

