

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000920.D
 Acq On : 16 Apr 2018 15:50
 Operator : JC/MD
 Sample : J2348-09
 Misc : 4.61g/5.0mL/100uL/5mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 281

Quant Time: Apr 16 17:32:26 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	251389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	340695	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	321951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	220437	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	148519	46.86	ug/l	0.00
Spiked Amount						
			Recovery	=	93.72%	
35) Dibromofluoromethane	5.51	113	113999	43.43	ug/l	0.00
Spiked Amount						
			Recovery	=	86.86%	
50) Toluene-d8	8.72	98	474127	48.51	ug/l	0.00
Spiked Amount						
			Recovery	=	97.02%	
62) 4-Bromofluorobenzene	11.15	95	194262	48.04	ug/l	0.00
Spiked Amount						
			Recovery	=	96.08%	

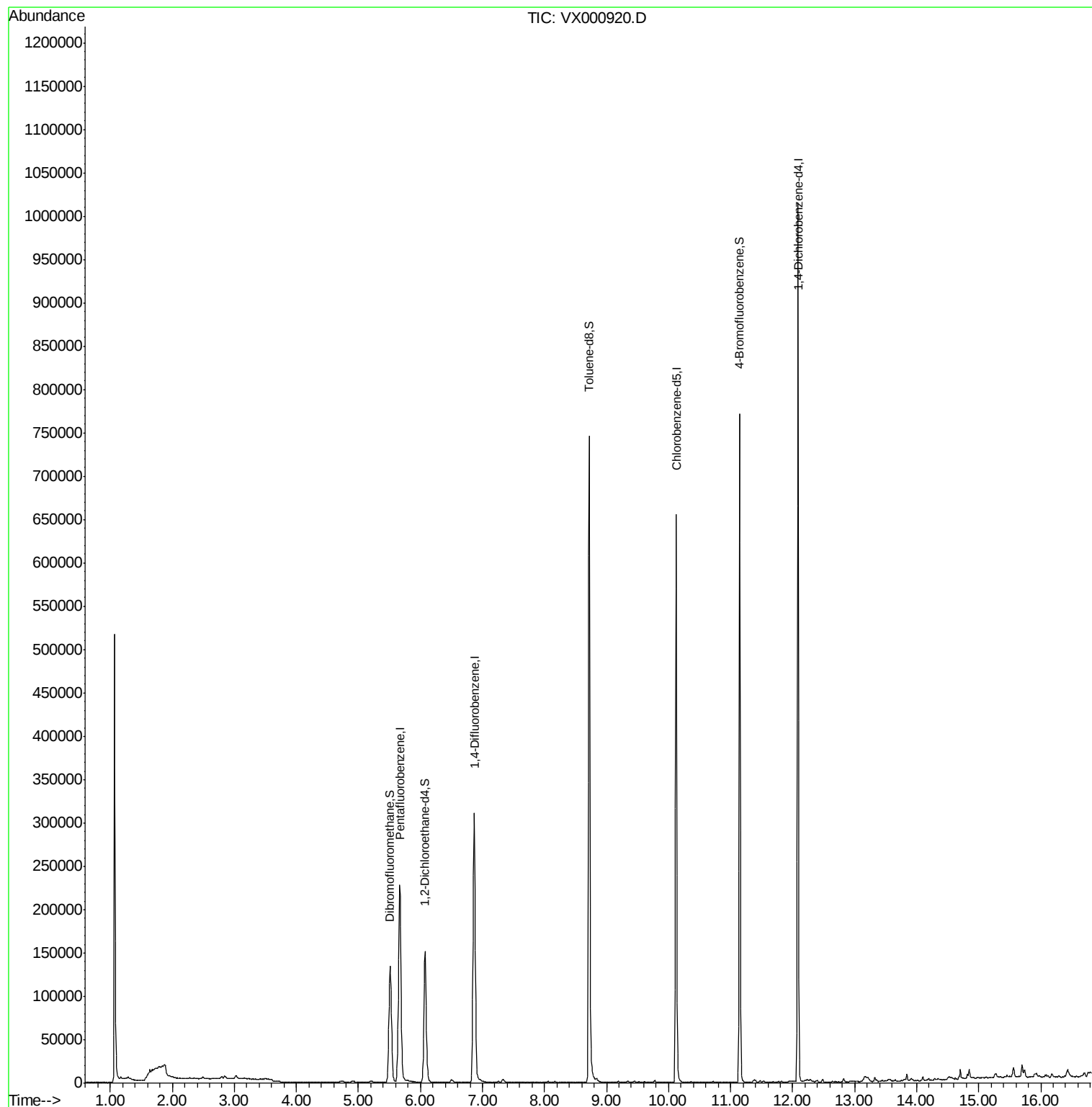
Target Compounds	Qvalue
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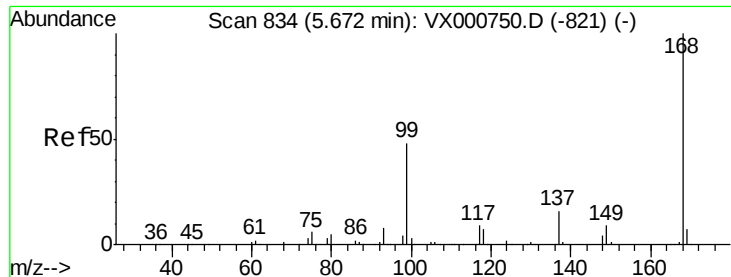
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX000920.D

Acq: 16 Apr 2018 15:50

Instrument :

MSVOA_X

ClientSampled :

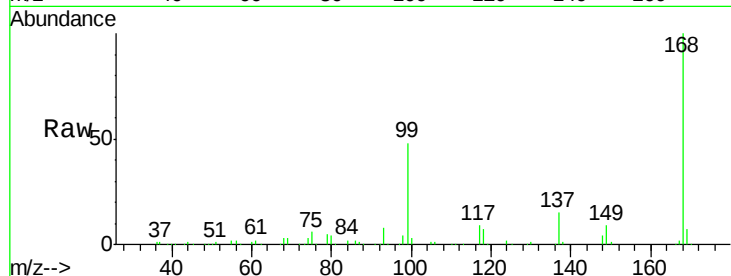
281

Tot Ion:168 Resp: 251389

Ion Ratio Lower Upper

168 100

99 48.1 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

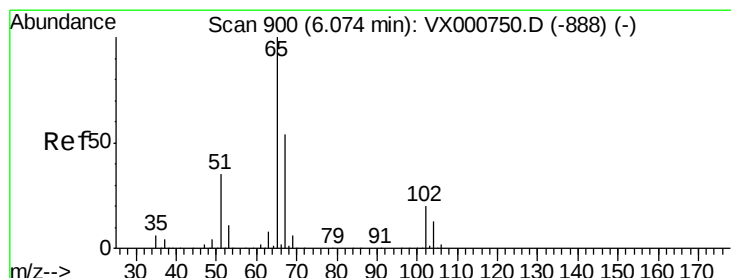
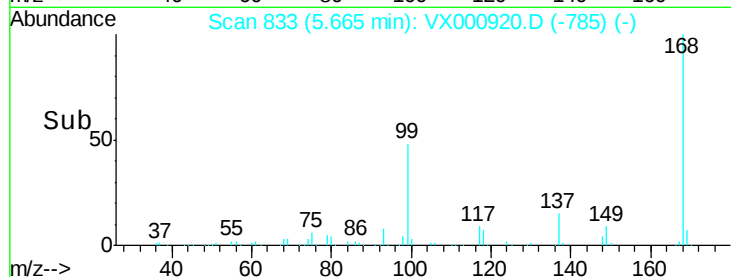
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 46.86 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX000920.D

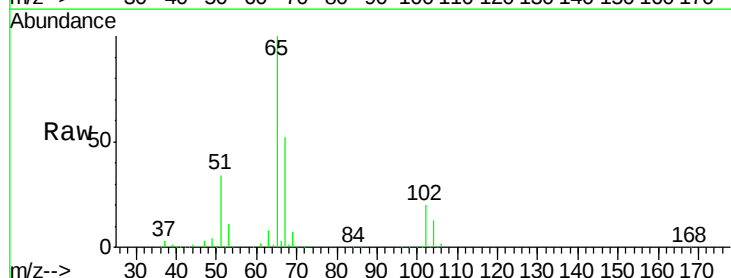
Acq: 16 Apr 2018 15:50

Tgt Ion: 65 Resp: 148519

Ion Ratio Lower Upper

65 100

67 51.3 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

50000

40000

30000

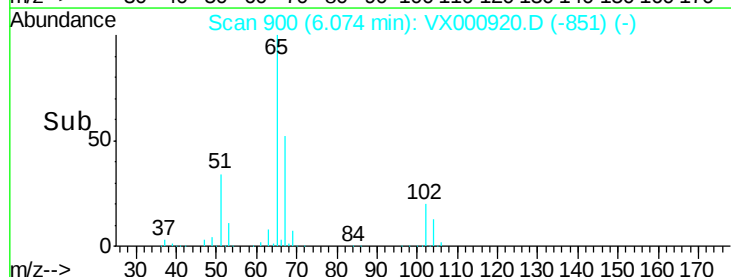
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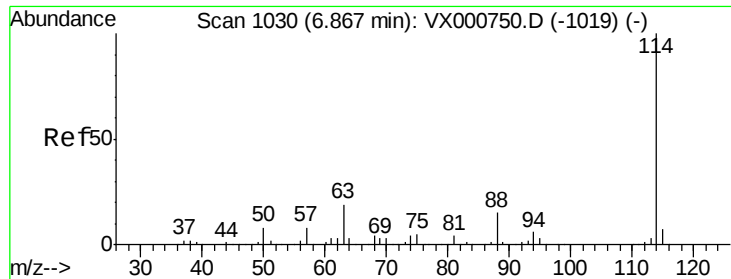
10000

0

Time-->

5.90 6.00 6.10 6.20 6.30

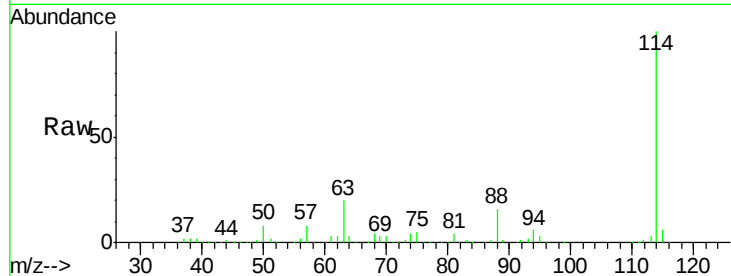




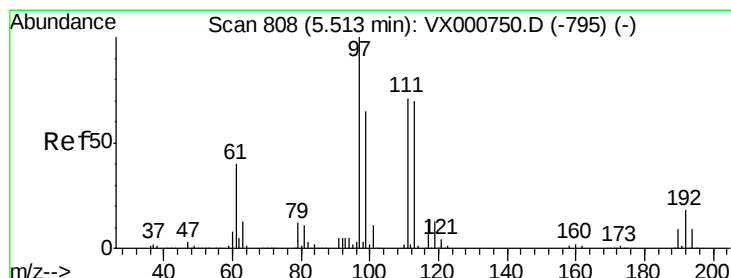
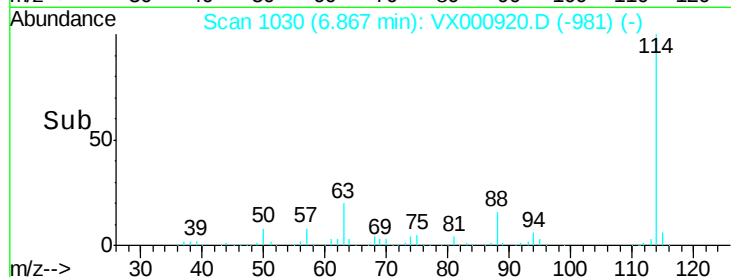
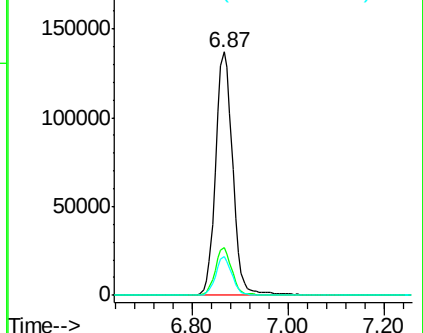
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX000920.D
 Acq: 16 Apr 2018 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 281

Tot Ion:114 Resp: 340695
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.4
 88 15.8 0.0 31.0

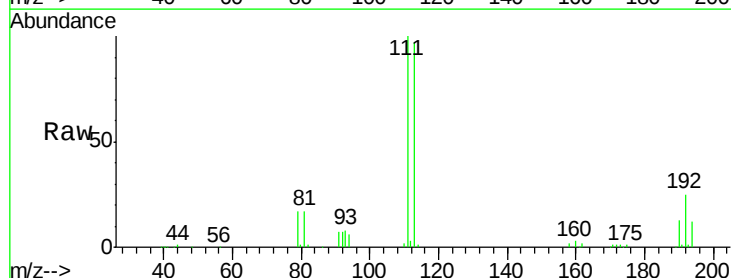


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

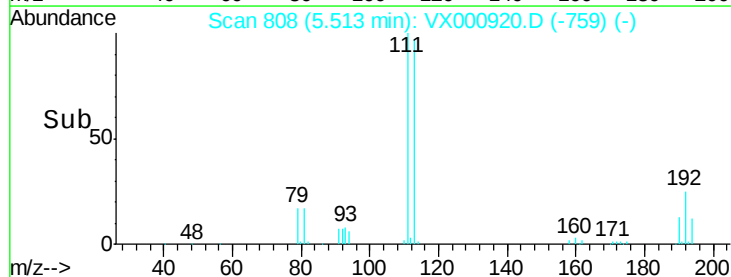
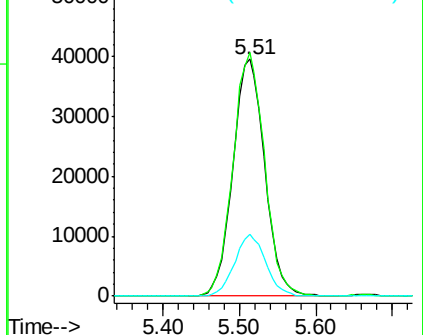


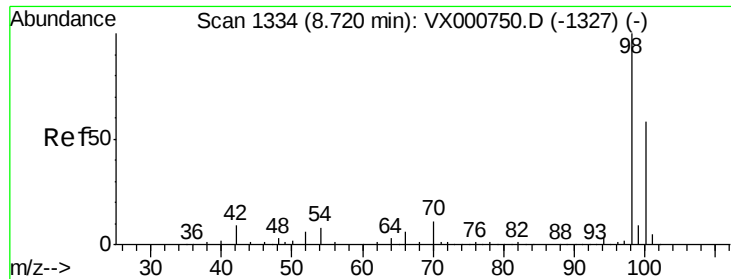
#35
 Dibromofluoromethane
 Concen: 43.43 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000920.D
 Acq: 16 Apr 2018 15:50

Tgt Ion:113 Resp: 113999
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.5 122.3
 192 25.5 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: 48.51 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000920.D

Acq: 16 Apr 2018 15:50

Instrument :

MSVOA_X

ClientSampleId :

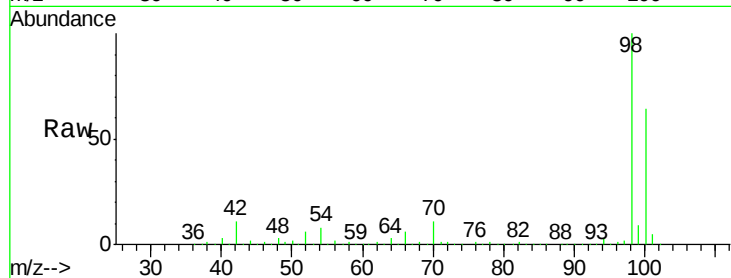
281

Tot Ion: 98 Resp: 474127

Ion Ratio Lower Upper

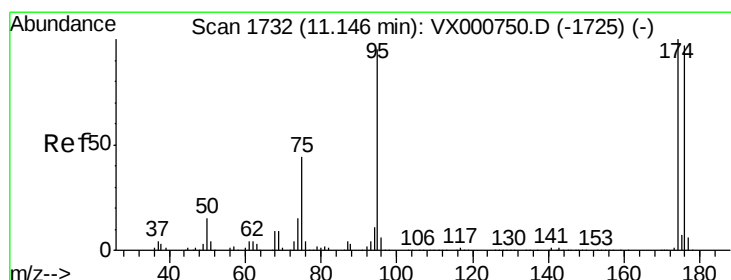
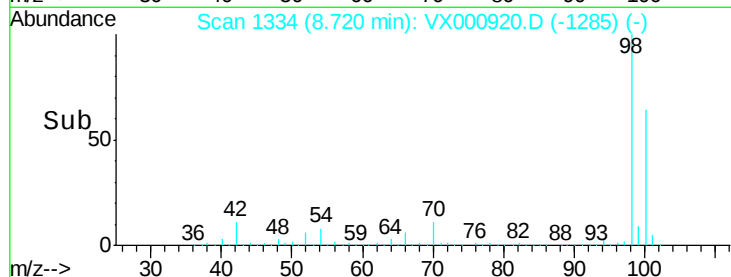
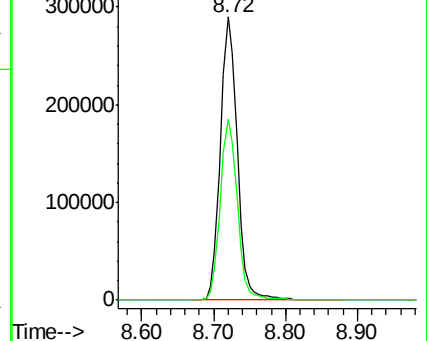
98 100

100 64.7 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: 48.04 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000920.D

Acq: 16 Apr 2018 15:50

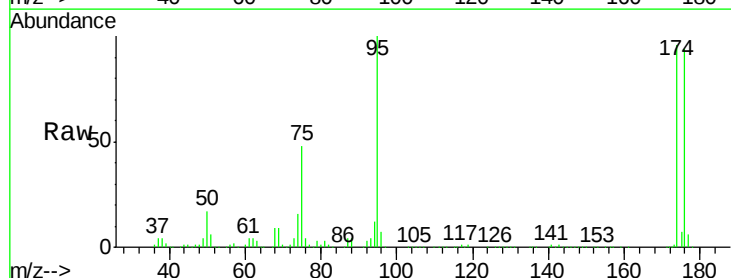
Tgt Ion: 95 Resp: 194262

Ion Ratio Lower Upper

95 100

174 97.3 0.0 198.4

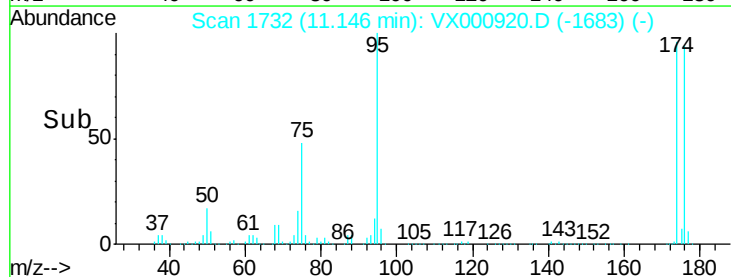
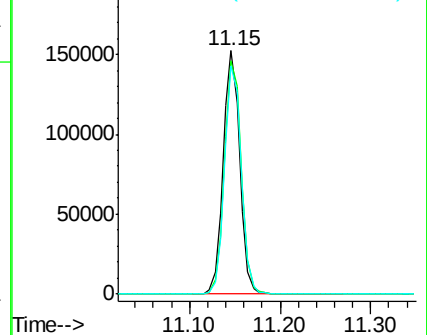
176 94.9 0.0 194.4

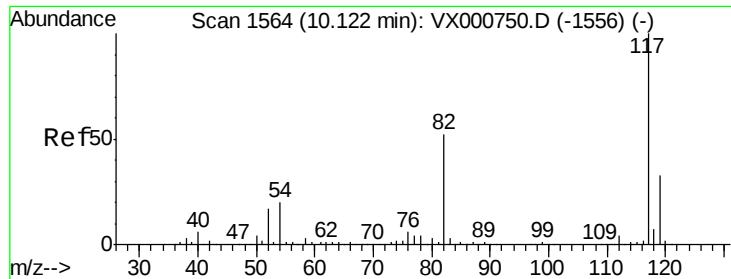


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

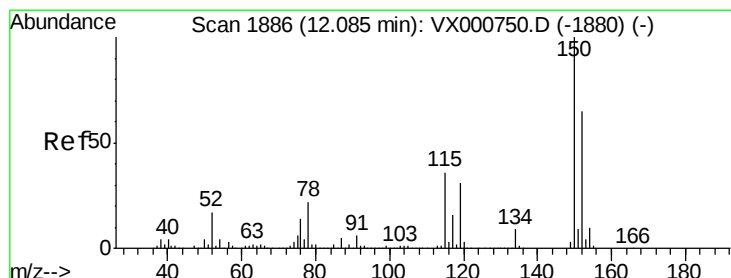
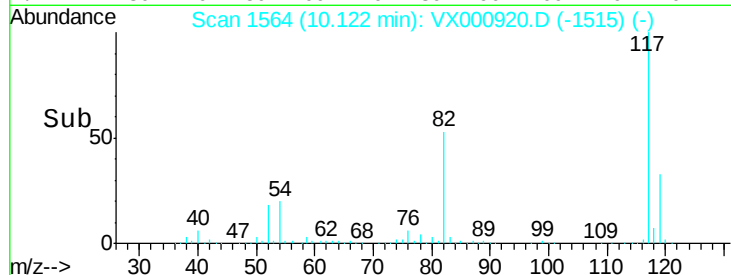
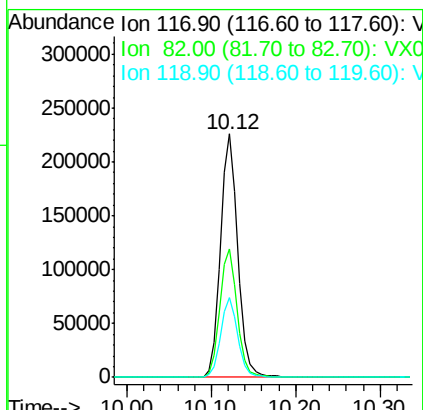
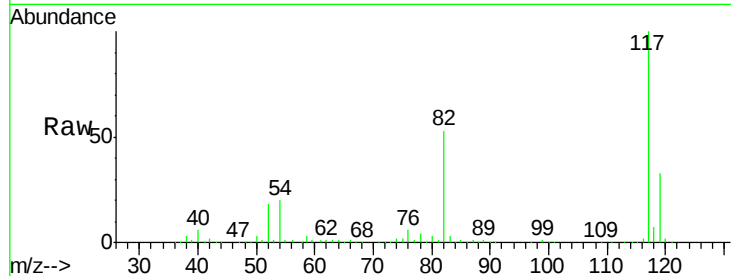




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000920.D
Acq: 16 Apr 2018 15:50

Instrument :
MSVOA_X
ClientSampleId :
281

Tot Ion:117 Resp: 321951
Ion Ratio Lower Upper
117 100
82 52.8 41.9 62.9
119 32.6 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: VX000920.D
Acq: 16 Apr 2018 15:50

Tgt Ion:152 Resp: 220437
Ion Ratio Lower Upper
152 100
115 53.4 37.9 113.7
150 154.8 0.0 348.0

