

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000919.D
 Acq On : 16 Apr 2018 15:24
 Operator : JC/MD
 Sample : J2163-01
 Misc : 5.73g/5.0mL/100uL/5mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PL-01-041118-A

Quant Time: Apr 16 17:31:46 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

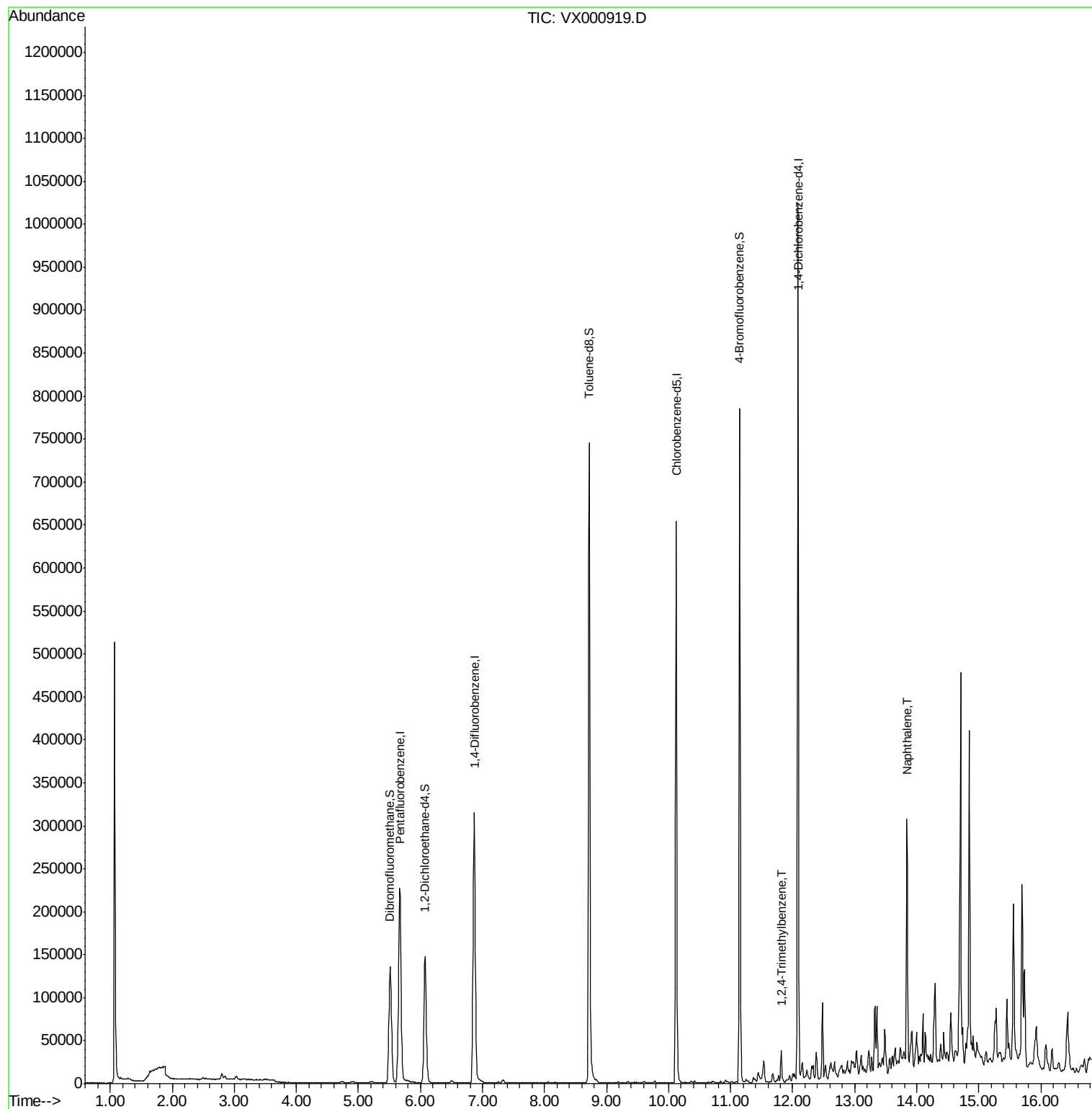
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	342094	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	325336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	221531	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	147899	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
35) Dibromofluoromethane	5.51	113	115052	43.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.30%	
50) Toluene-d8	8.72	98	475349	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
62) 4-Bromofluorobenzene	11.15	95	193416	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	11.82	105	15052	1.21	ug/l	98
95) Naphthalene	13.84	128	178317	11.06	ug/l	100

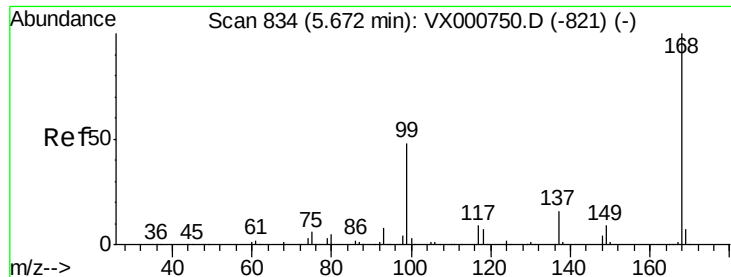
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX000919.D

Acq: 16 Apr 2018 15:24

Instrument :

MSVOA_X

ClientSampleId :

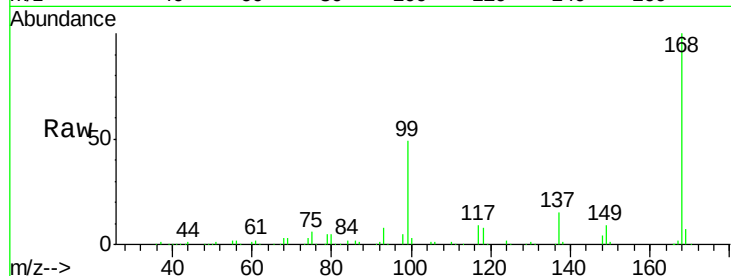
PL-01-041118-A

Tot Ion:168 Resp: 246588

Ion Ratio Lower Upper

168 100

99 49.4 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

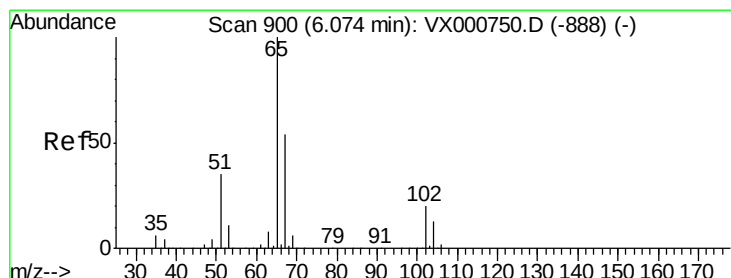
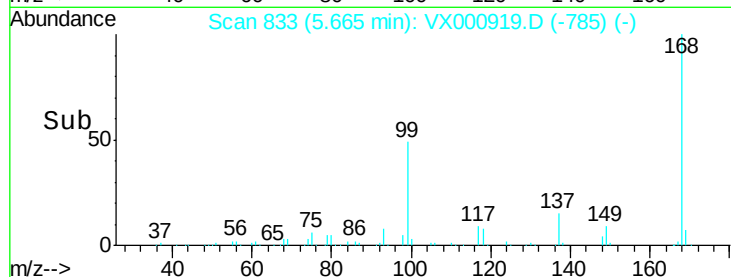
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.57 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX000919.D

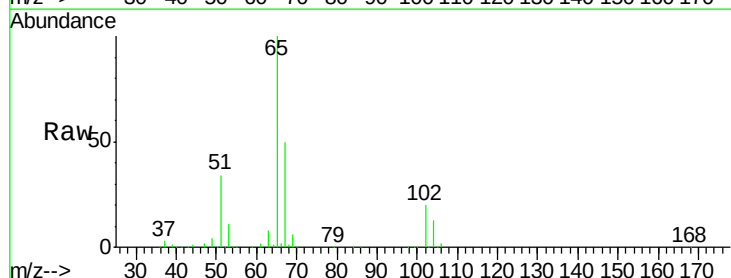
Acq: 16 Apr 2018 15:24

Tgt Ion: 65 Resp: 147899

Ion Ratio Lower Upper

65 100

67 51.4 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

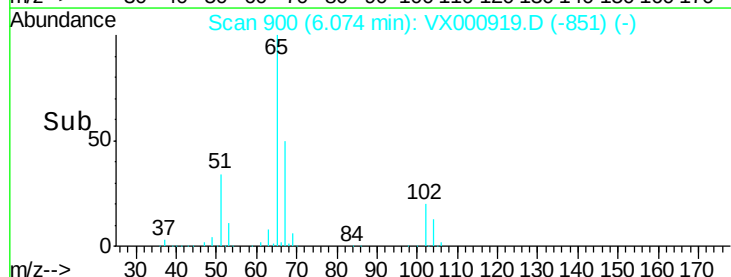
30000

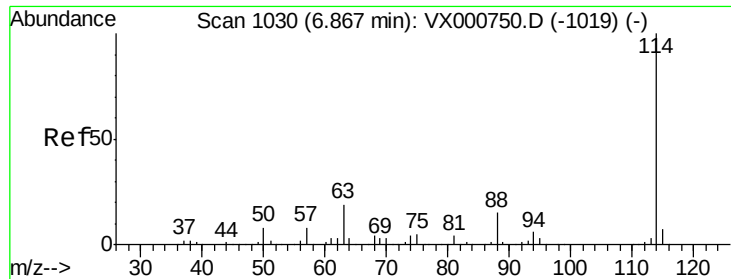
20000

10000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX000919.D

Acq: 16 Apr 2018 15:24

Instrument :

MSVOA_X

ClientSampleId :

PL-01-041118-A

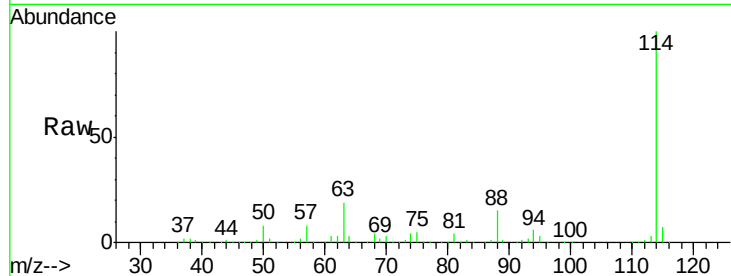
Tot Ion:114 Resp: 342094

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

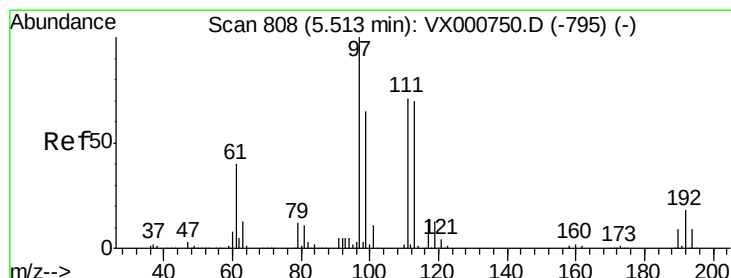
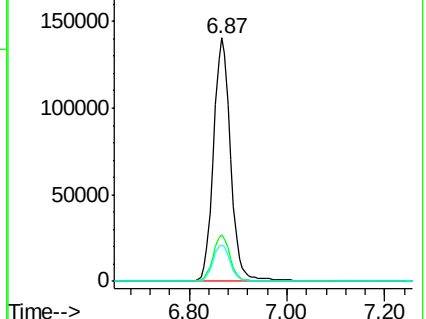
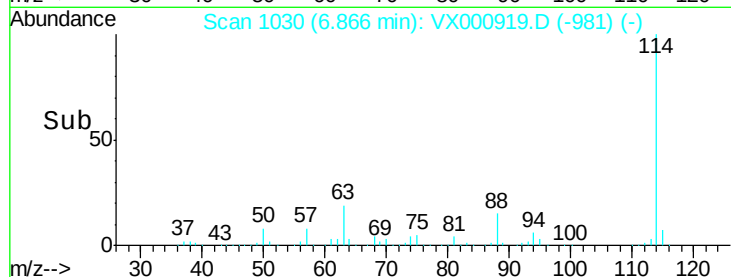
88 15.0 0.0 31.0



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: 43.65 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000919.D

Acq: 16 Apr 2018 15:24

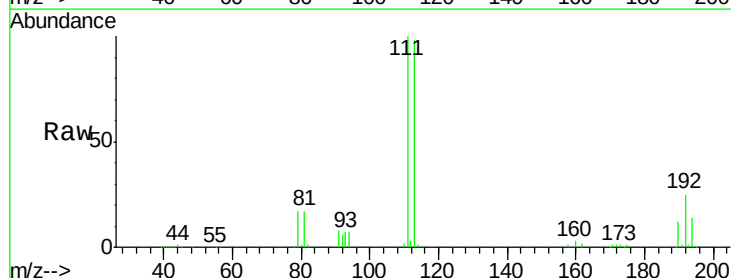
Tgt Ion:113 Resp: 115052

Ion Ratio Lower Upper

113 100

111 101.6 81.5 122.3

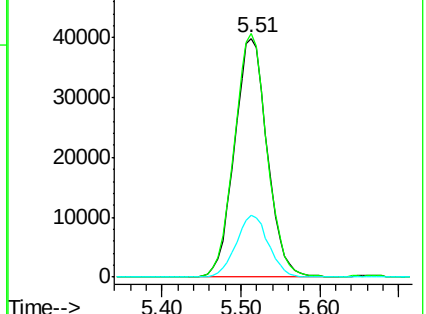
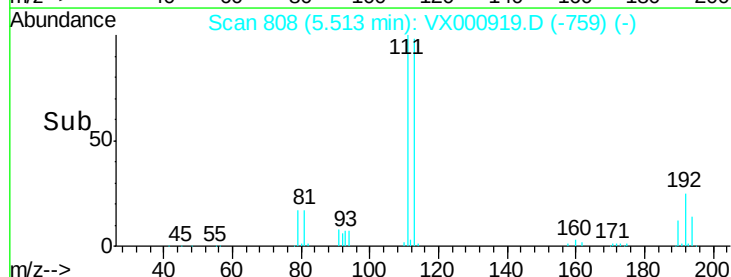
192 25.8 20.4 30.6

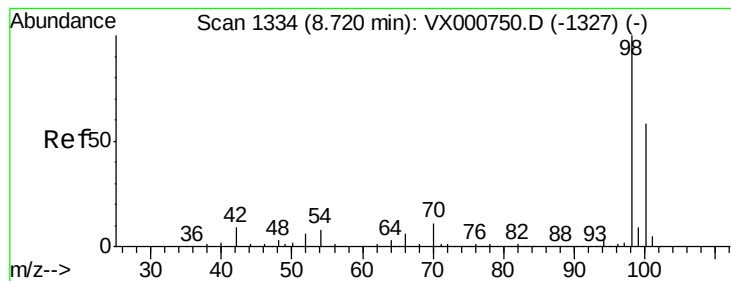


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.44 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000919.D

Acq: 16 Apr 2018 15:24

Instrument :

MSVOA_X

ClientSampleId :

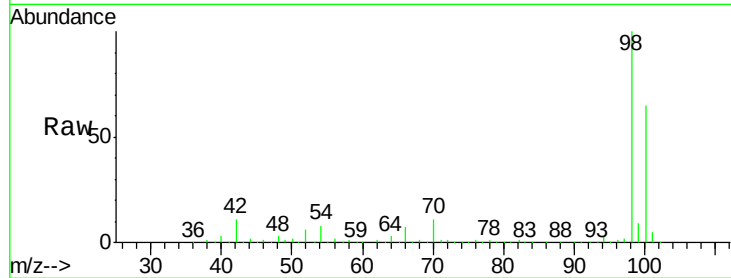
PL-01-041118-A

Tot Ion: 98 Resp: 475349

Ion Ratio Lower Upper

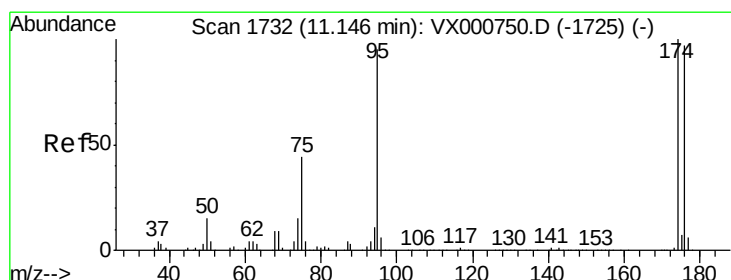
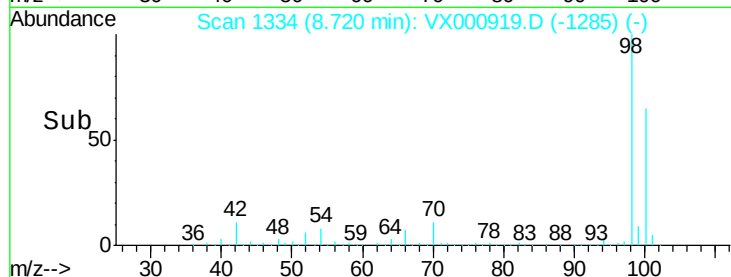
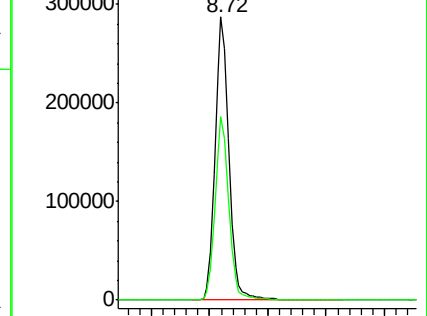
98 100

100 64.5 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: 47.64 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000919.D

Acq: 16 Apr 2018 15:24

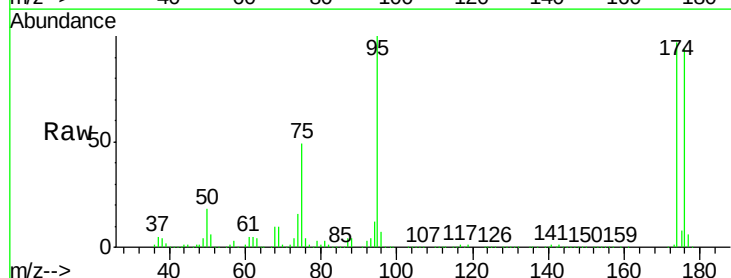
Tgt Ion: 95 Resp: 193416

Ion Ratio Lower Upper

95 100

174 98.2 0.0 198.4

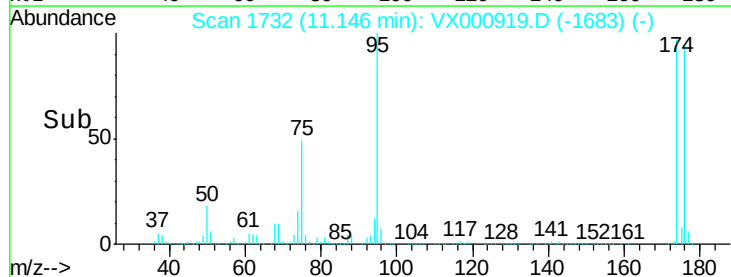
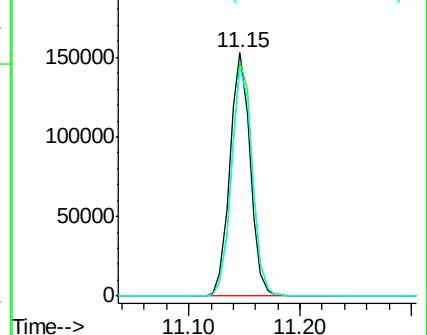
176 95.8 0.0 194.4

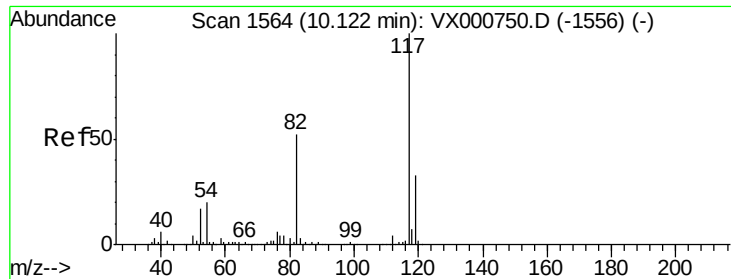


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

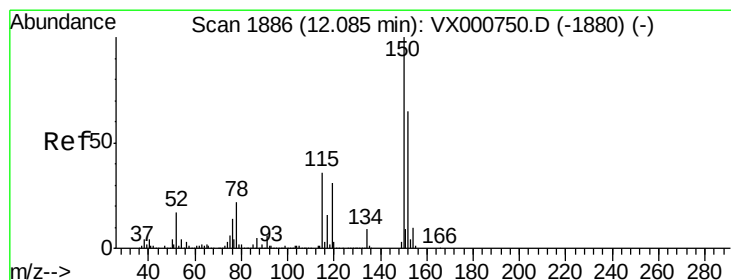
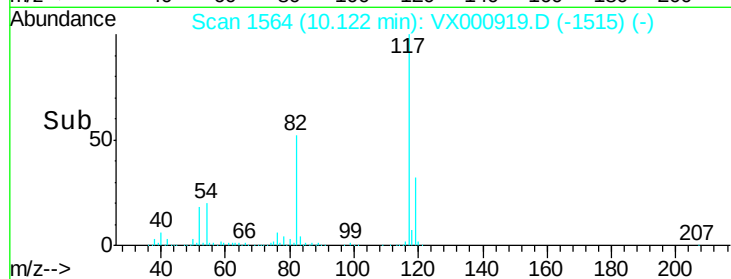
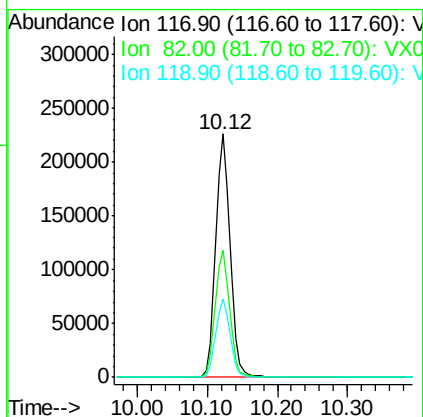
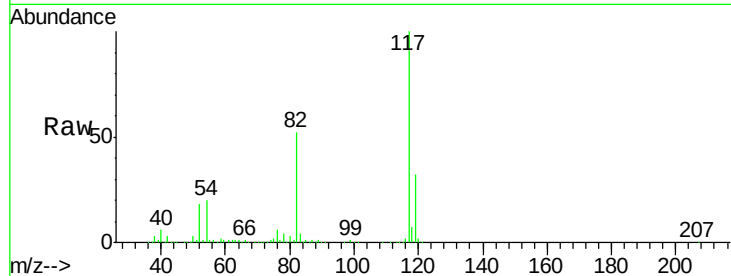




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000919.D
Acq: 16 Apr 2018 15:24

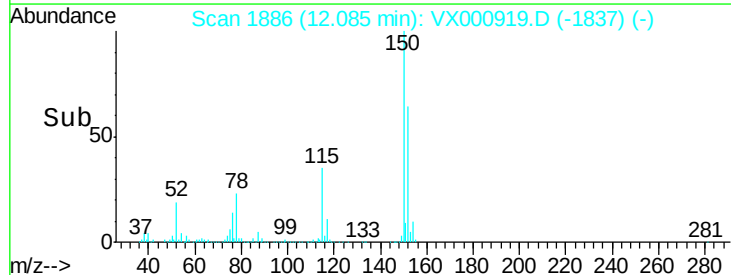
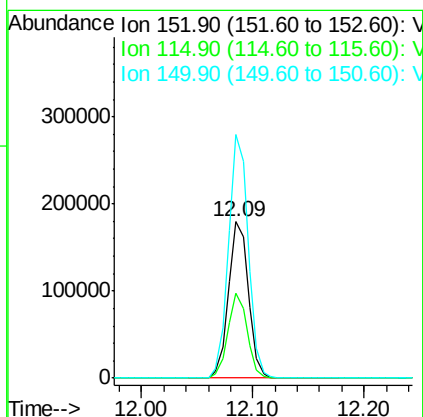
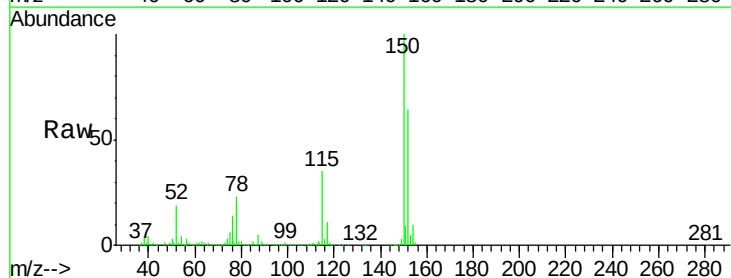
Instrument :
MSVOA_X
ClientSampleId :
PL-01-041118-A

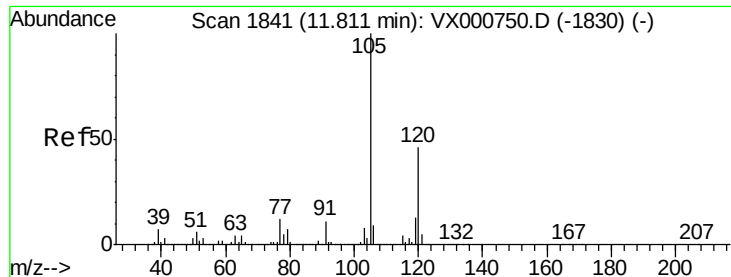
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.9	62.9
119	32.0	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000919.D
Acq: 16 Apr 2018 15:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.6	37.9	113.7
150	154.5	0.0	348.0





#84

1,2,4-Trimethylbenzene

Concen: 1.21 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. 0.01 min

Lab File: VX000919.D

Acq: 16 Apr 2018 15:24

Instrument :

MSVOA_X

ClientSampled :

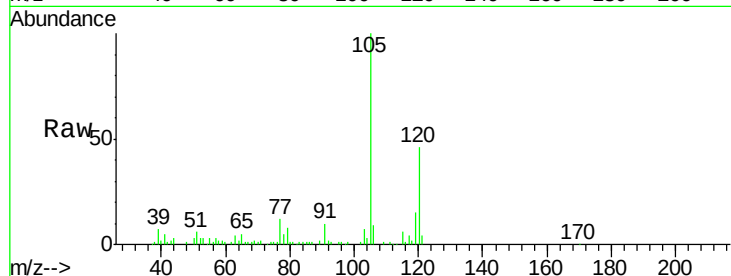
PL-01-041118-A

Tot Ion:105 Resp: 15052

Ion Ratio Lower Upper

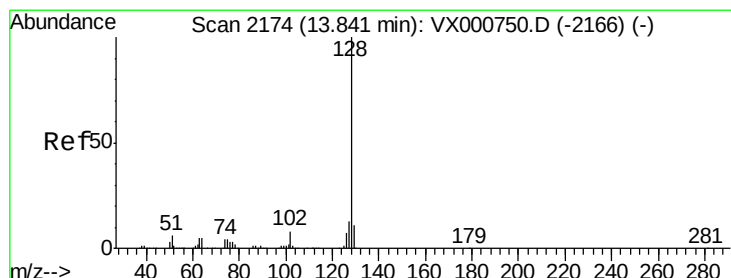
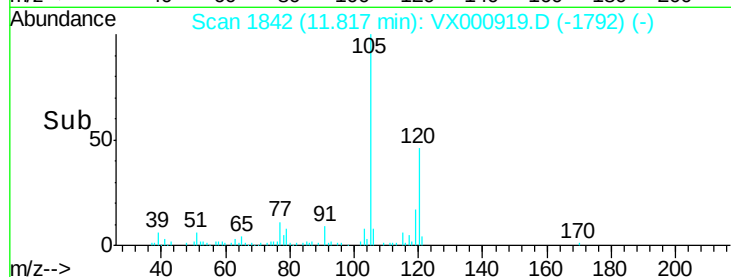
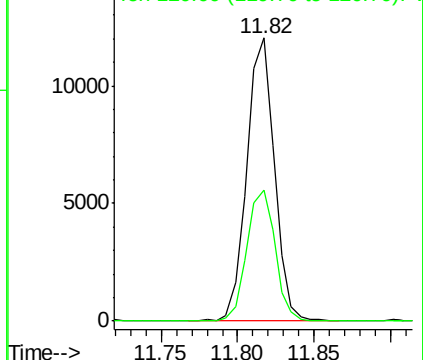
105 100

120 47.2 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 11.06 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000919.D

Acq: 16 Apr 2018 15:24

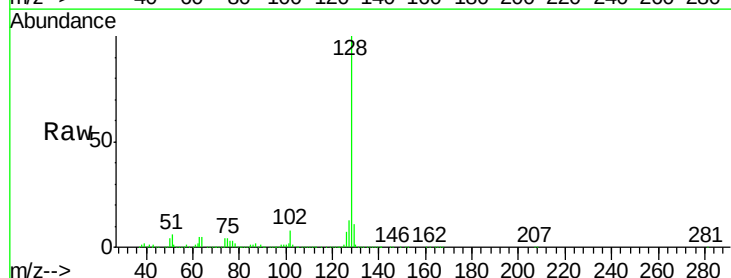
Tgt Ion:128 Resp: 178317

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

