

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042318\
 Data File : VX001064.D
 Acq On : 23 Apr 2018 17:36
 Operator : JC/MD
 Sample : J2464-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF017MW004-180417

Quant Time: Apr 24 08:02:24 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	203257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	281355	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	245385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	136764	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	134120	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
35) Dibromofluoromethane	5.51	113	101687	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
50) Toluene-d8	8.72	98	387178	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
62) 4-Bromofluorobenzene	11.14	95	134428	40.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.76%	

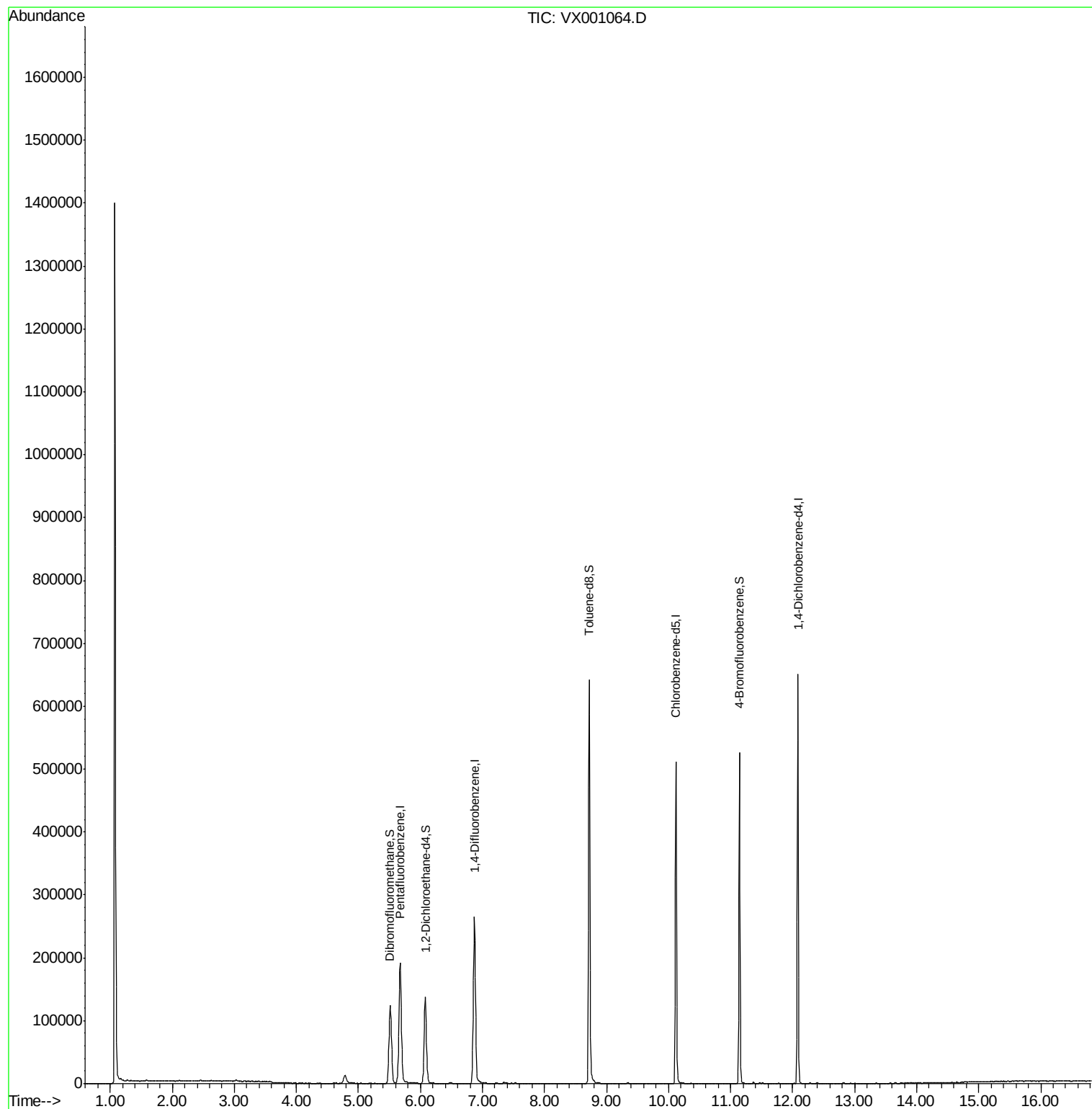
Target Compounds	Qvalue

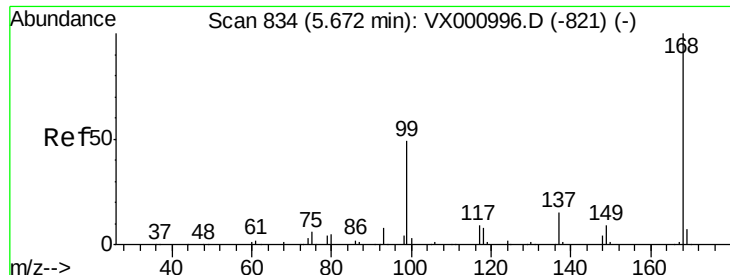
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001064.D

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Instrument :

MSVOA_X

ClientSampleId :

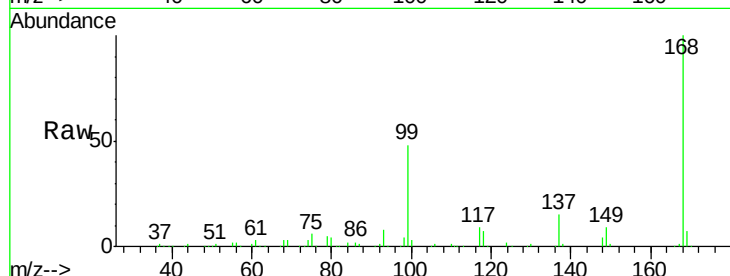
LF017MW004-180417

Tot Ion:168 Resp: 203257

Ion Ratio Lower Upper

168 100

99 48.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

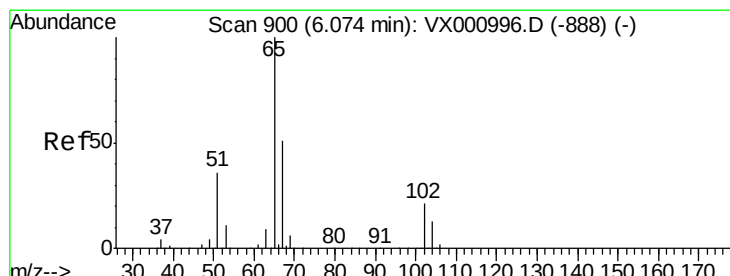
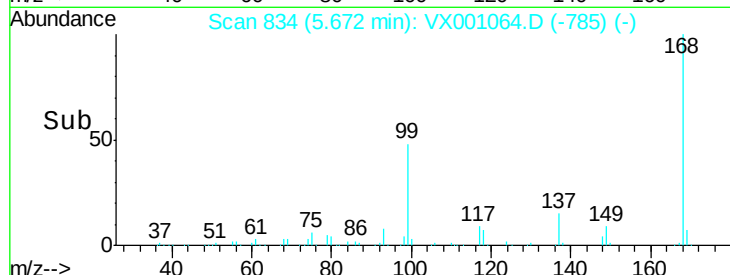
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 52.05 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001064.D

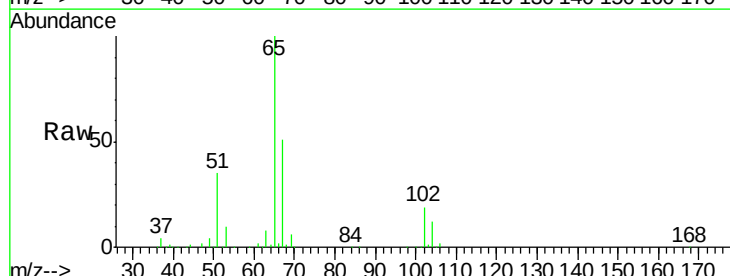
Acq: 23 Apr 2018 17:36

Tgt Ion: 65 Resp: 134120

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.08

60000

50000

40000

30000

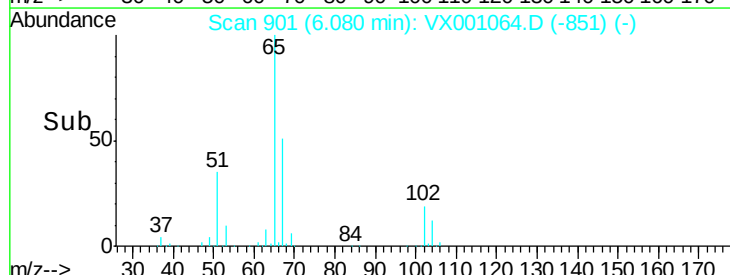
20000

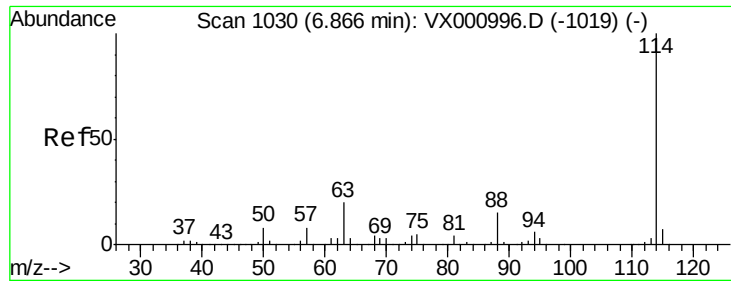
10000

0

Time-->

6.00 6.10 6.20

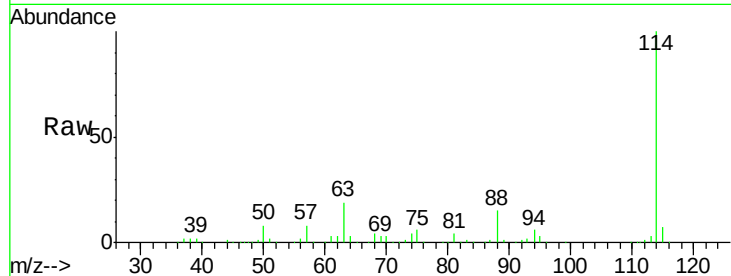




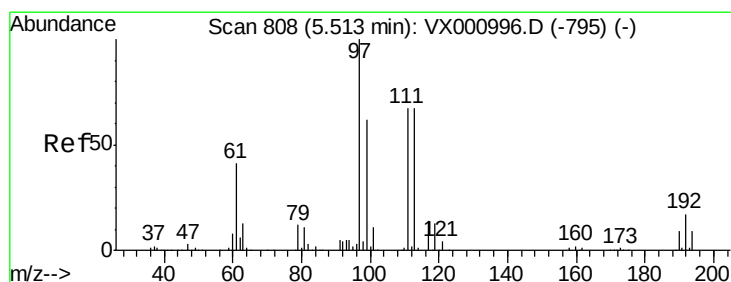
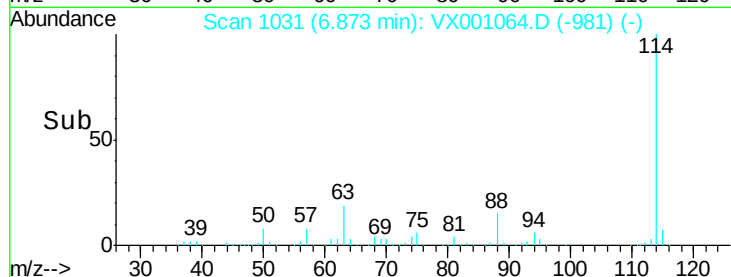
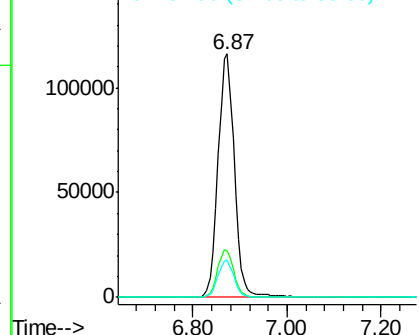
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VX001064.D
Acq: 23 Apr 2018 17:36

Instrument :
MSVOA_X
ClientSampleId :
LF017MW004-180417

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.4
88	15.3	0.0	29.8

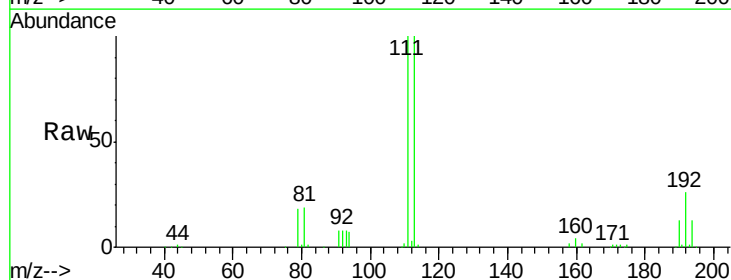


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

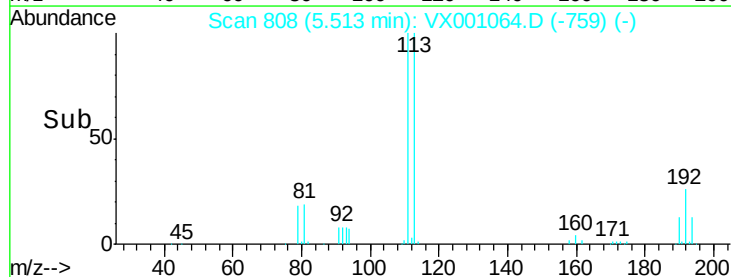
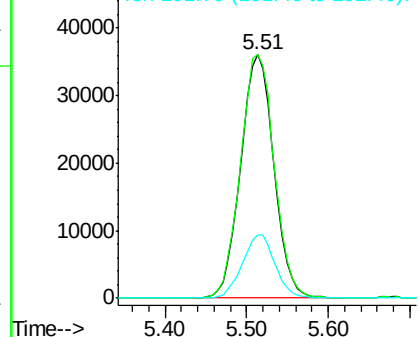


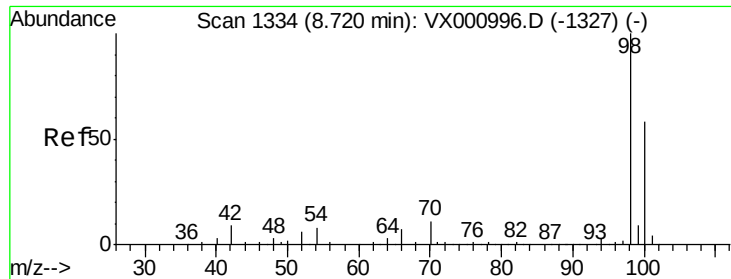
#35
Dibromofluoromethane
Concen: 47.40 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX001064.D
Acq: 23 Apr 2018 17:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.2
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

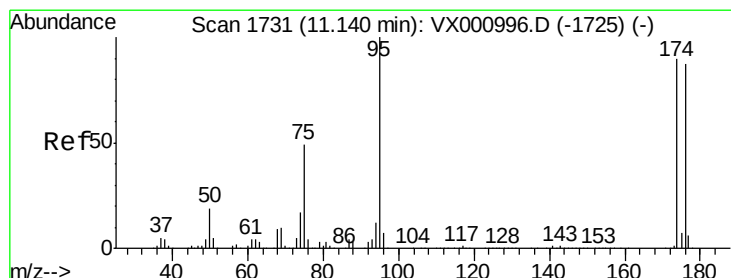
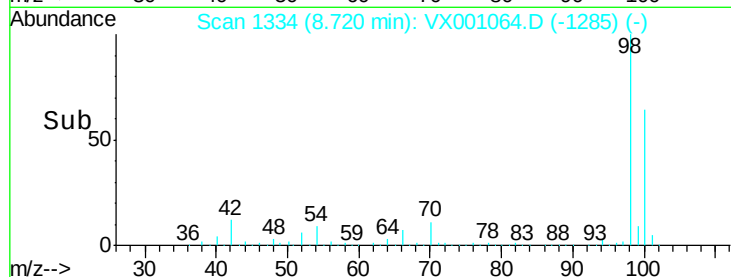
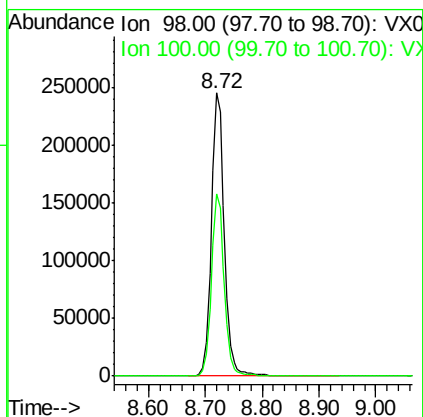
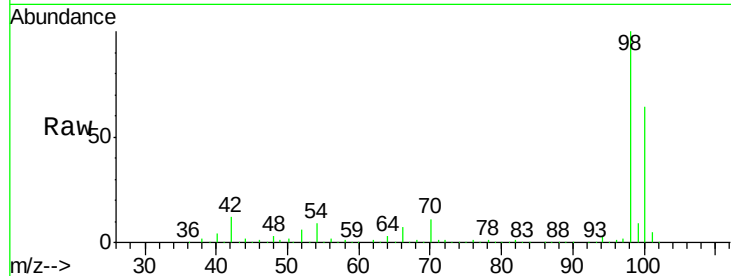




#50
Toluene-d8
Concen: 48.81 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001064.D
Acq: 23 Apr 2018 17:36

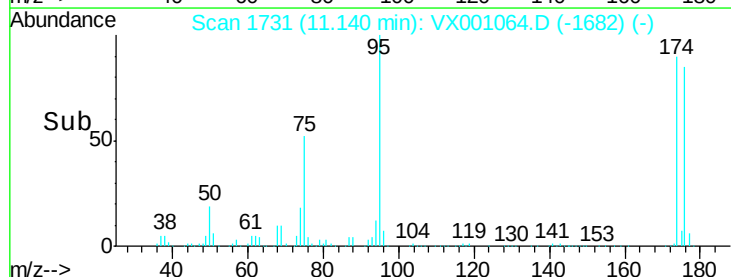
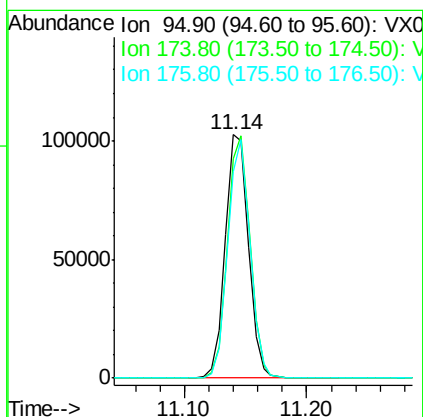
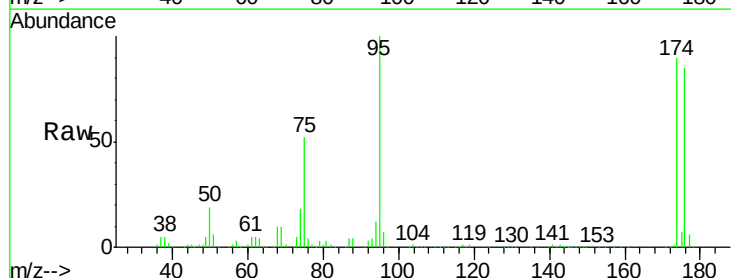
Instrument :
MSVOA_X
ClientSampleId :
LF017MW004-180417

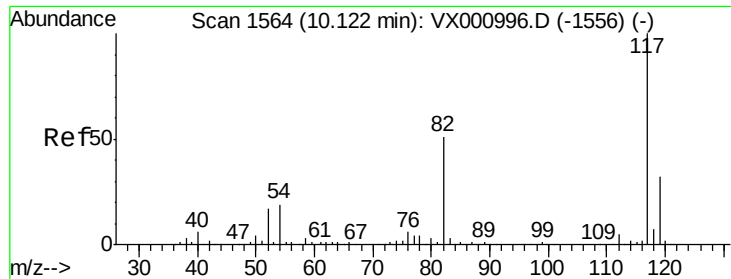
Tot Ion: 98 Resp: 387178
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 40.38 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001064.D
Acq: 23 Apr 2018 17:36

Tgt Ion: 95 Resp: 134428
Ion Ratio Lower Upper
95 100
174 96.8 0.0 198.4
176 94.0 0.0 192.0

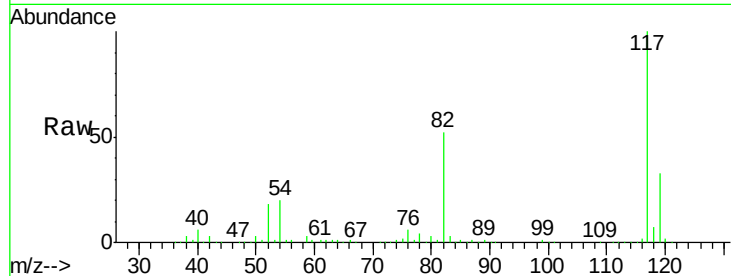




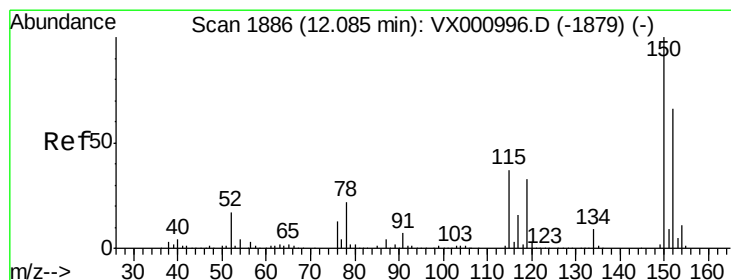
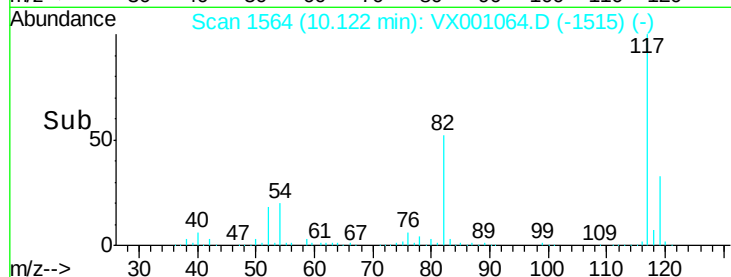
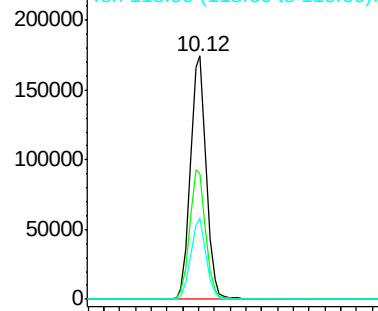
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001064.D
Acq: 23 Apr 2018 17:36

Instrument :
MSVOA_X
ClientSampleId :
LF017MW004-180417

Tot Ion:117 Resp: 245385
Ion Ratio Lower Upper
117 100
82 51.8 40.6 60.8
119 33.1 26.0 39.0

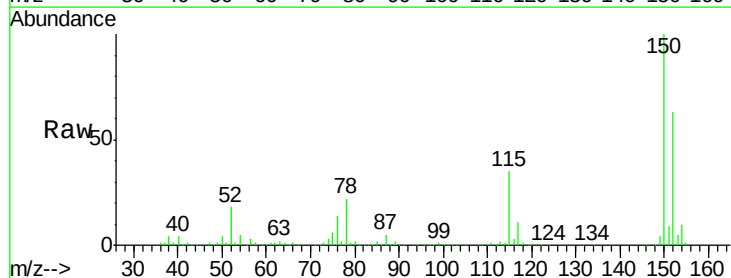


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001064.D
Acq: 23 Apr 2018 17:36

Tgt Ion:152 Resp: 136764
Ion Ratio Lower Upper
152 100
115 54.2 38.2 114.6
150 156.3 0.0 350.4



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

