

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022818\
 Data File : VX000171.D
 Acq On : 28 Feb 2018 17:02
 Operator : JC/MD
 Sample : J1683-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RFK-RMAB-MW11-GW

Quant Time: Mar 01 07:09:44 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	85275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	137816	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	127677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	64594	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	53492	50.23	ug/l	0.00
Spiked Amount			Recovery	=	100.46%	
35) Dibromofluoromethane	5.52	113	39781	45.74	ug/l	0.00
Spiked Amount			Recovery	=	91.48%	
50) Toluene-d8	8.73	98	167913	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	
62) 4-Bromofluorobenzene	11.15	95	58247	43.29	ug/l	0.00
Spiked Amount			Recovery	=	86.58%	

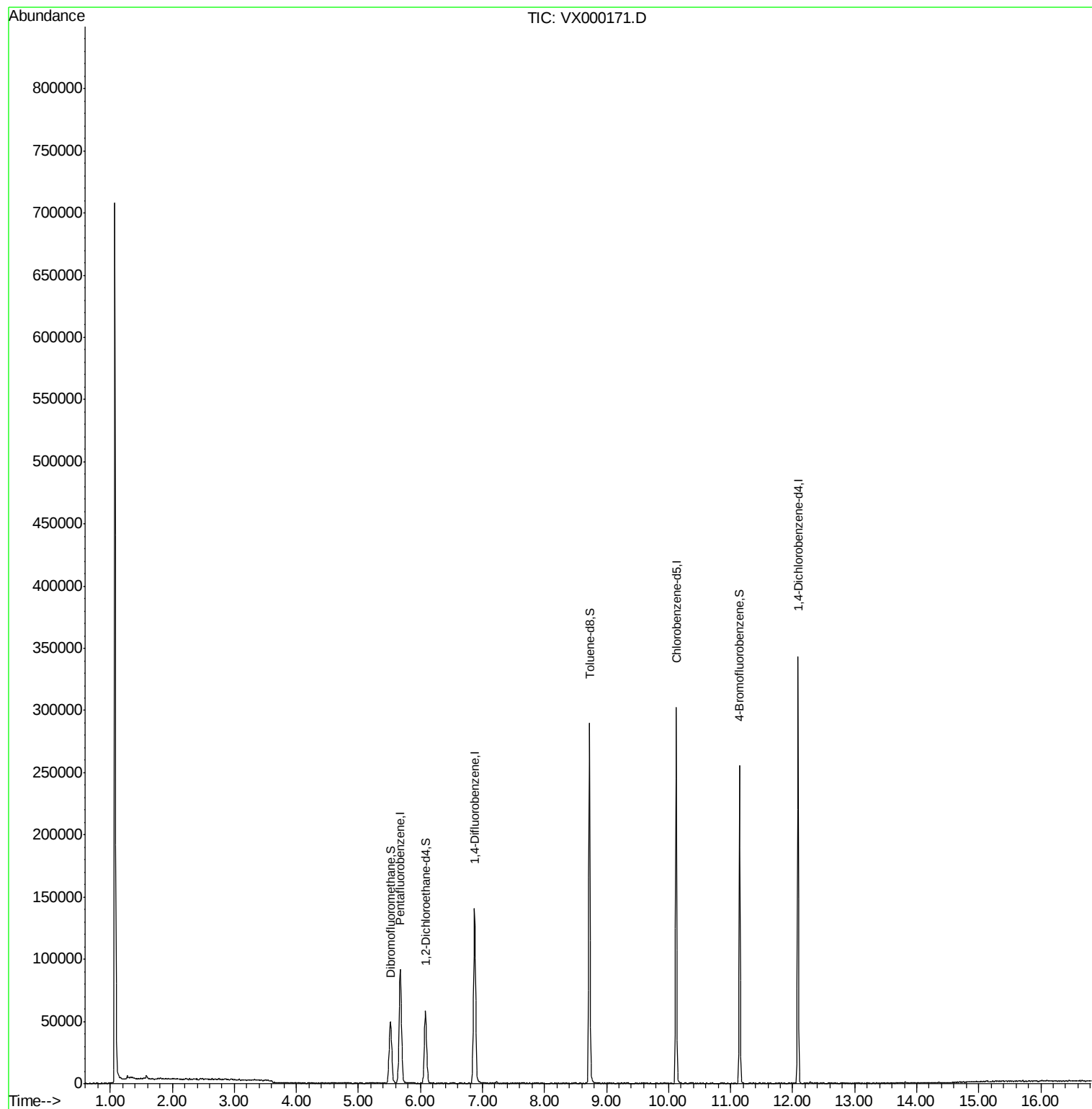
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000171.D

Acq: 28 Feb 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

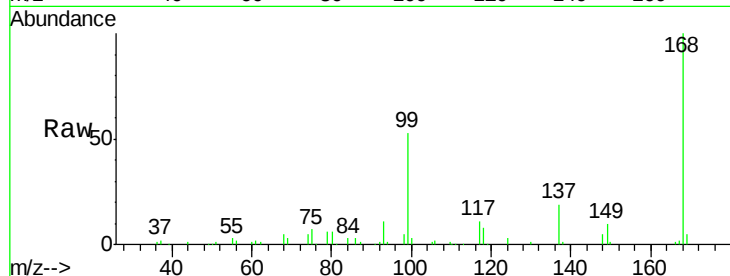
RFK-RMAB-MW11-GW

Tot Ion:168 Resp: 85275

Ion Ratio Lower Upper

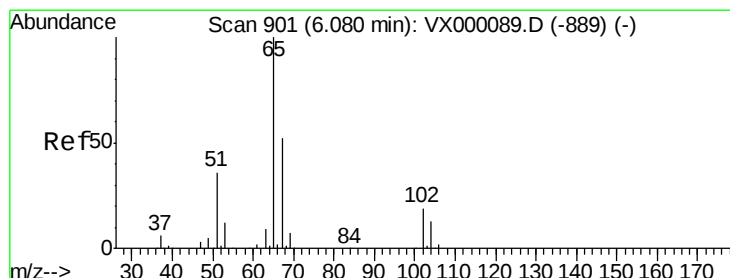
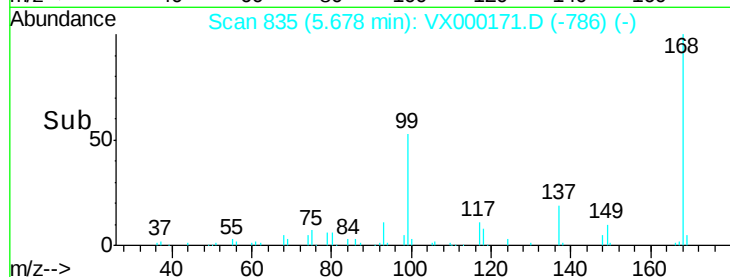
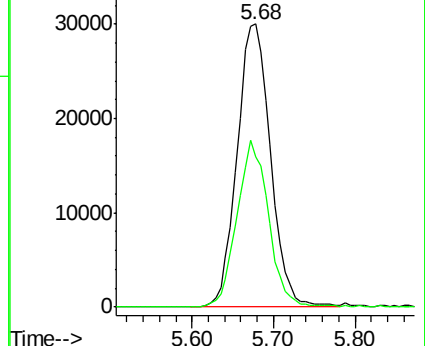
168 100

99 52.9 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.23 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000171.D

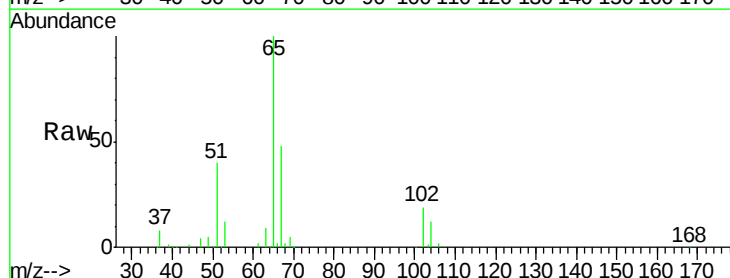
Acq: 28 Feb 2018 17:02

Tgt Ion: 65 Resp: 53492

Ion Ratio Lower Upper

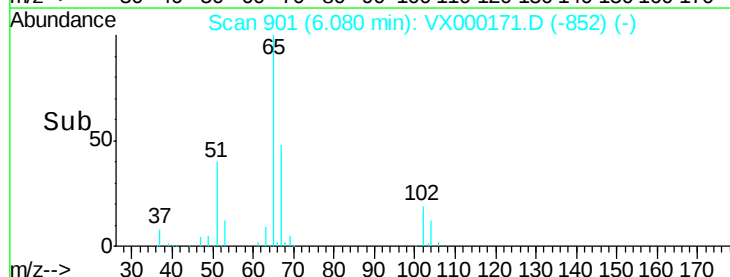
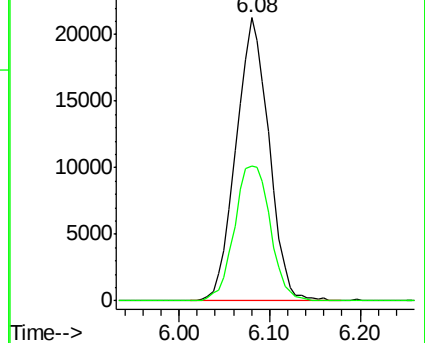
65 100

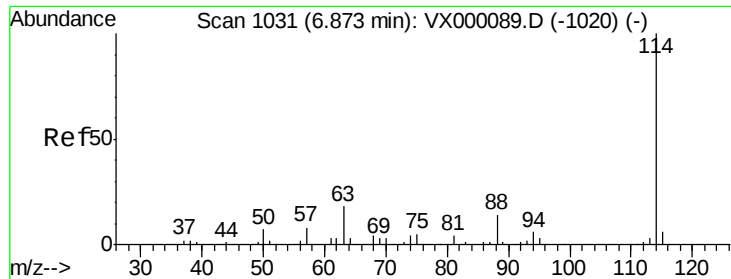
67 52.0 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

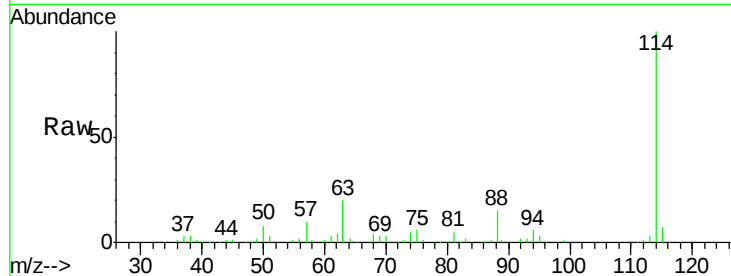




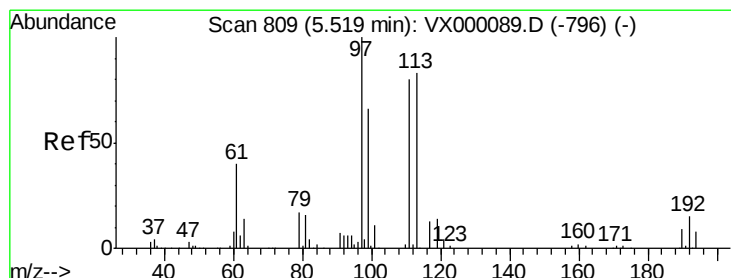
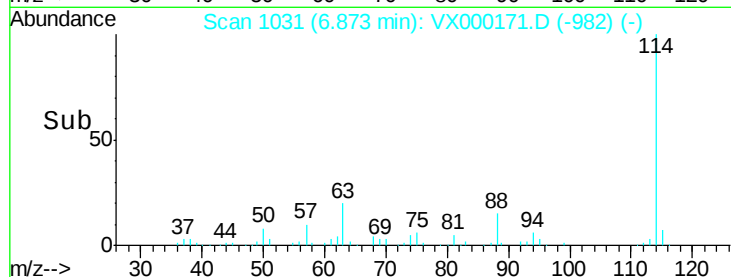
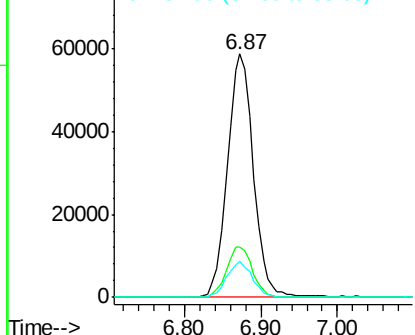
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VX000171.D
Acq: 28 Feb 2018 17:02

Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW11-GW

Tot Ion:114 Resp: 137816
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.4
88 14.8 0.0 29.0

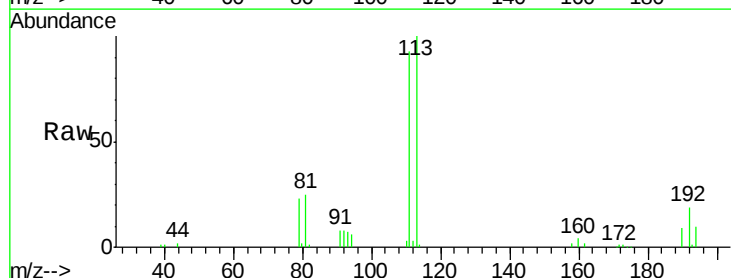


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

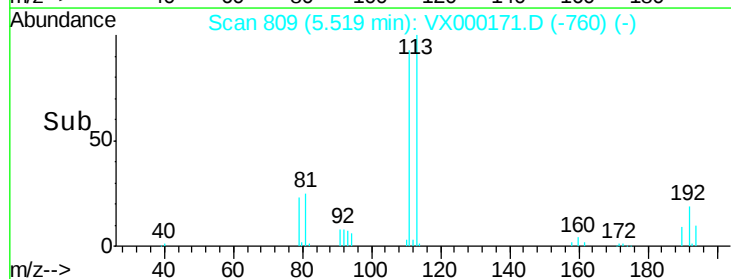
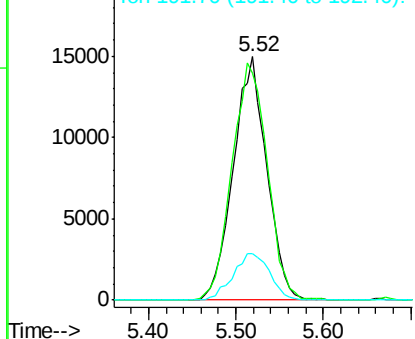


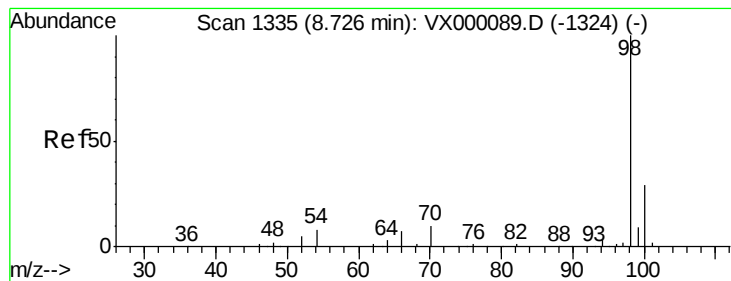
#35
Dibromofluoromethane
Concen: 45.74 ug/l
RT: 5.52 min Scan# 809
Delta R.T. -0.00 min
Lab File: VX000171.D
Acq: 28 Feb 2018 17:02

Tgt Ion:113 Resp: 39781
Ion Ratio Lower Upper
113 100
111 103.3 81.0 121.6
192 20.8 15.7 23.5



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: 48.94 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000171.D

Acq: 28 Feb 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

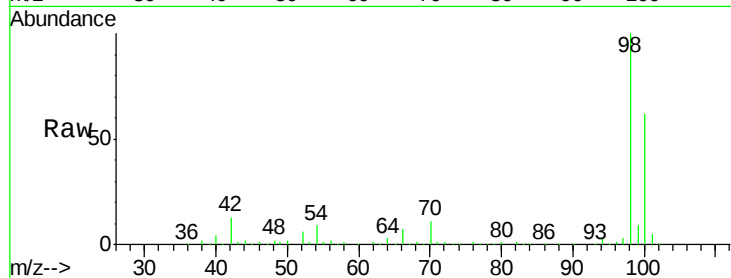
RFK-RMAB-MW11-GW

Tot Ion: 98 Resp: 167913

Ion Ratio Lower Upper

98 100

100 63.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.73

120000

100000

80000

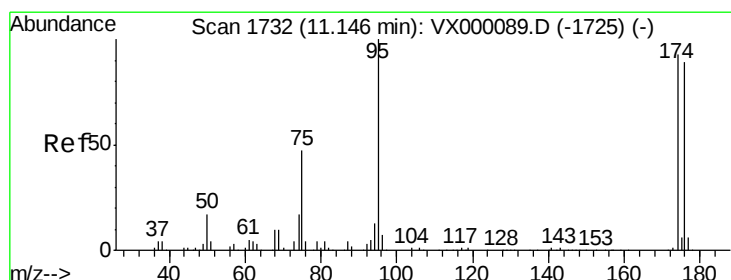
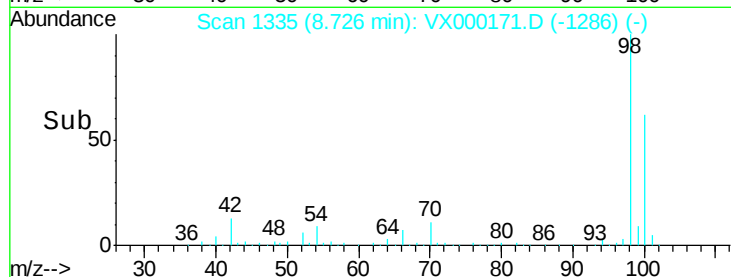
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.29 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000171.D

Acq: 28 Feb 2018 17:02

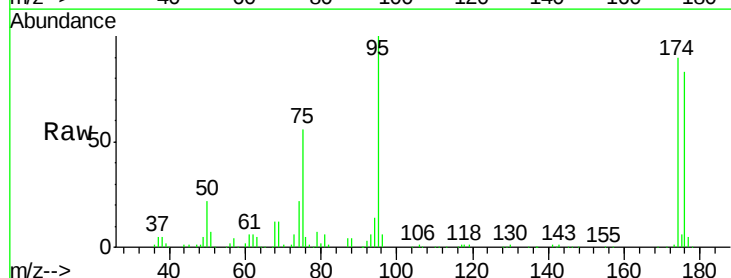
Tgt Ion: 95 Resp: 58247

Ion Ratio Lower Upper

95 100

174 87.1 0.0 187.8

176 83.8 0.0 181.2



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

11.15

60000

50000

40000

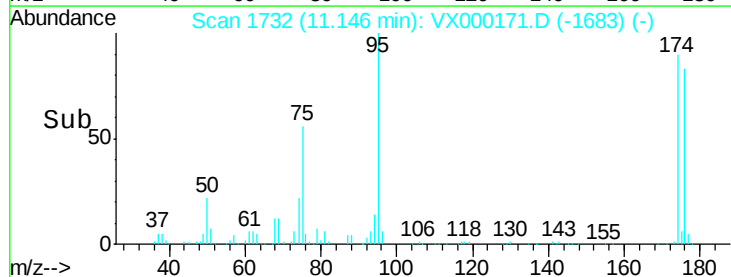
30000

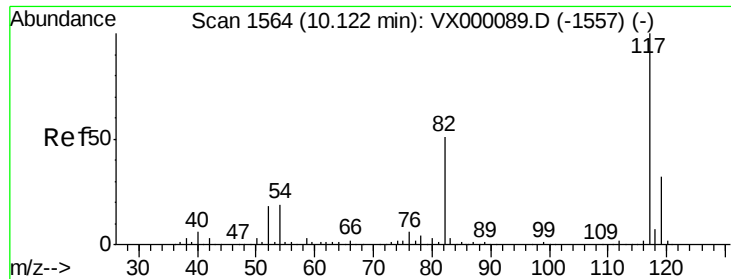
20000

10000

0

Time-->

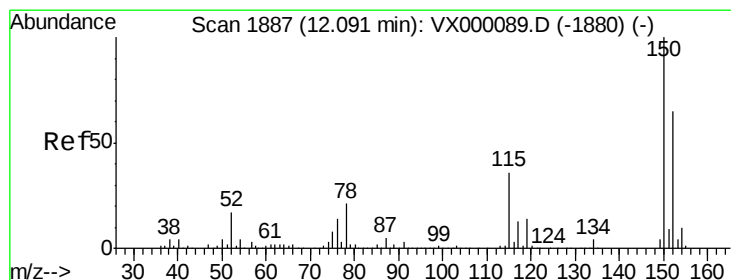
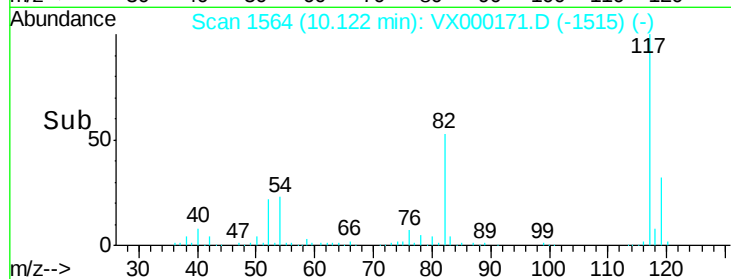
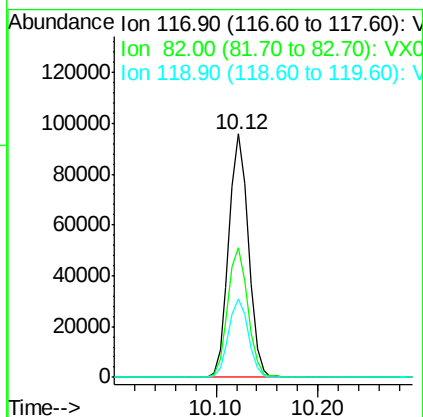
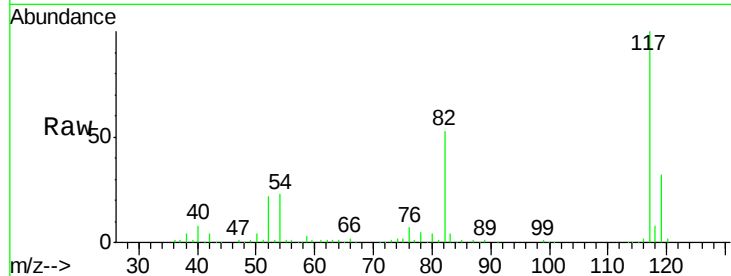




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000171.D
Acq: 28 Feb 2018 17:02

Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW11-GW

Tot Ion:117 Resp: 127677
Ion Ratio Lower Upper
117 100
82 53.2 41.0 61.6
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000171.D
Acq: 28 Feb 2018 17:02

Tgt Ion:152 Resp: 64594
Ion Ratio Lower Upper
152 100
115 57.6 39.1 117.2
150 156.2 0.0 348.2

