

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110618\
 Data File : VF060616.D
 Acq On : 6 Nov 2018 16:57
 Operator : VA/AP
 Sample : J5767-01
 Misc : 5.61g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-02-110118-A

Quant Time: Nov 06 16:53:14 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	306021	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.61	114	595101	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.80	117	485367	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.57	152	296830	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	150715	48.74	ug/l	0.02
Spiked Amount	50.000		Recovery	=	97.48%	
35) Dibromofluoromethane	4.13	113	195422	42.50	ug/l	0.03
Spiked Amount	50.000		Recovery	=	85.00%	
50) Toluene-d8	7.58	98	453778	33.32	ug/l	0.02
Spiked Amount	50.000		Recovery	=	66.64%	
62) 4-Bromofluorobenzene	11.42	95	245930	41.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.56%	

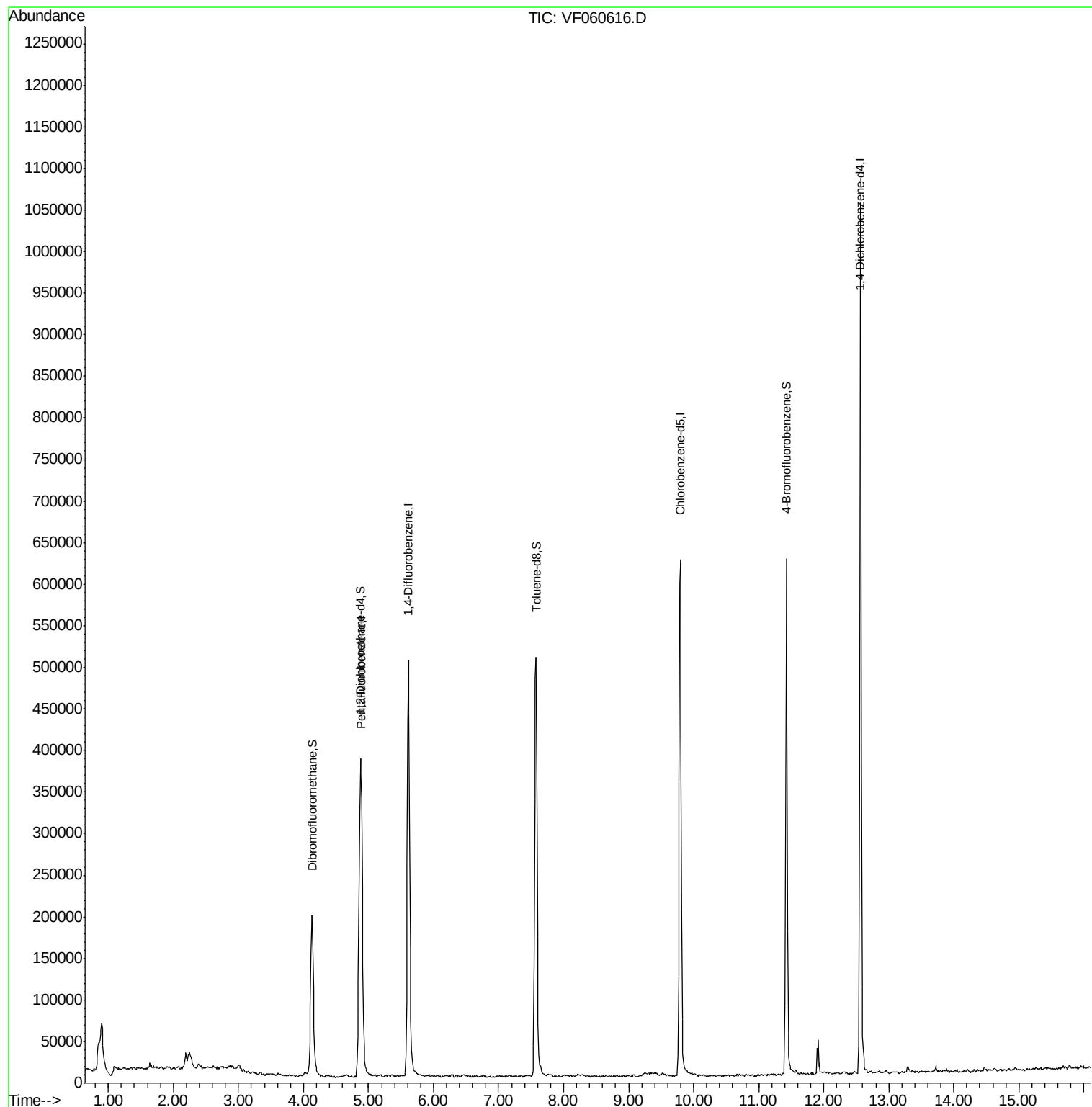
Target Compounds	Qvalue

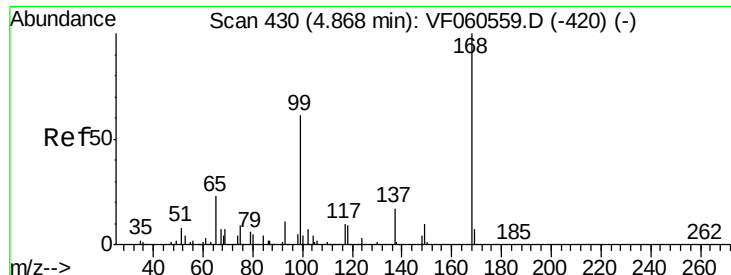
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. 0.03 min

Lab File: VF060616.D

Acq: 6 Nov 2018 16:57

Instrument :

MSVOA_F

ClientSampleId :

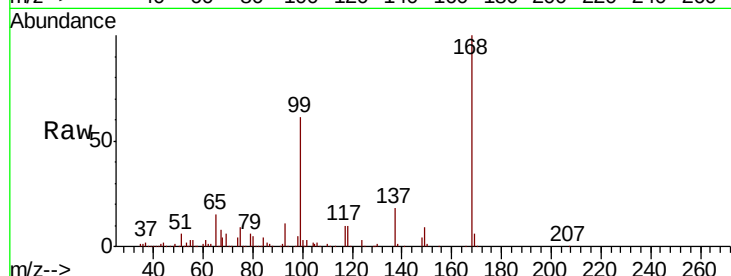
CL-02-110118-A

Tot Ion:168 Resp: 306021

Ion Ratio Lower Upper

168 100

99 60.8 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.89

100000

80000

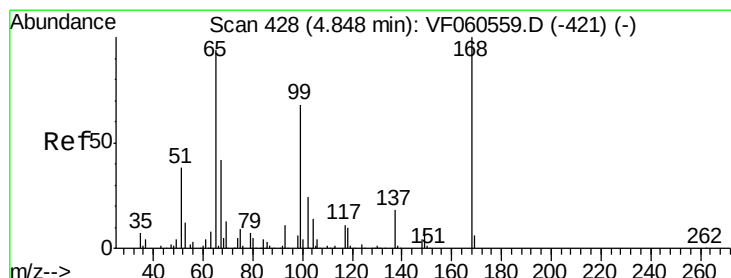
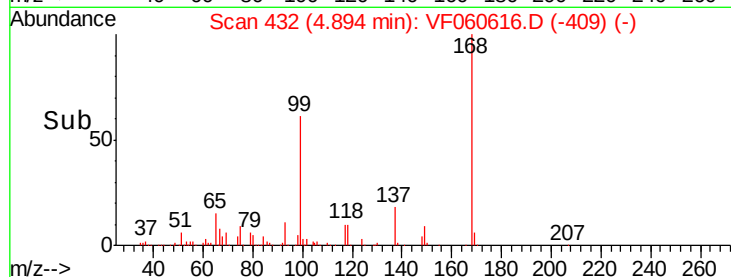
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 48.744 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.02 min

Lab File: VF060616.D

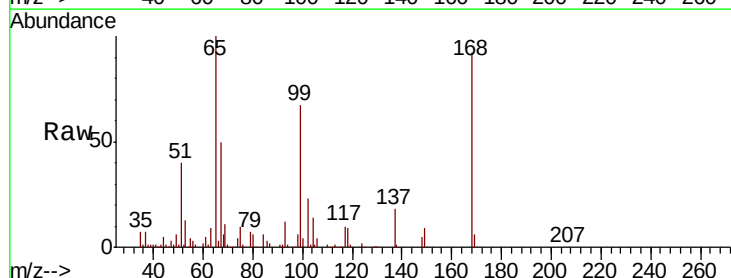
Acq: 6 Nov 2018 16:57

Tgt Ion: 65 Resp: 150715

Ion Ratio Lower Upper

65 100

67 49.8 0.0 101.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.86

60000

50000

40000

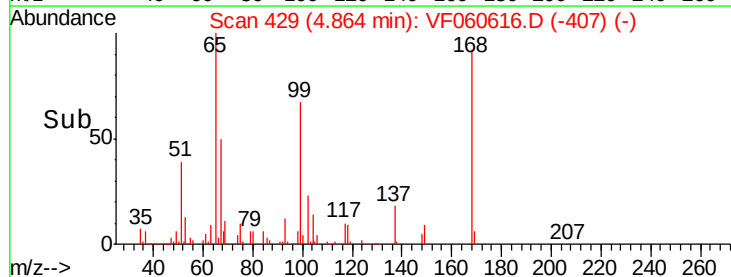
30000

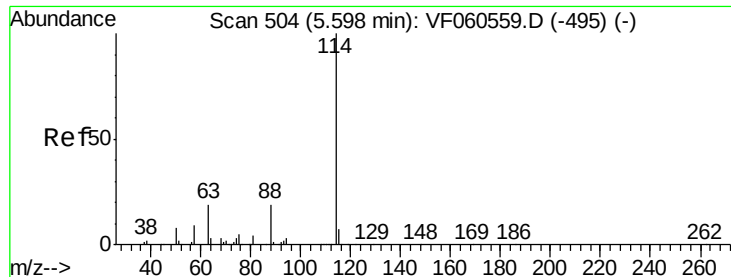
20000

10000

0

Time--> 4.70 4.80 4.90 5.00

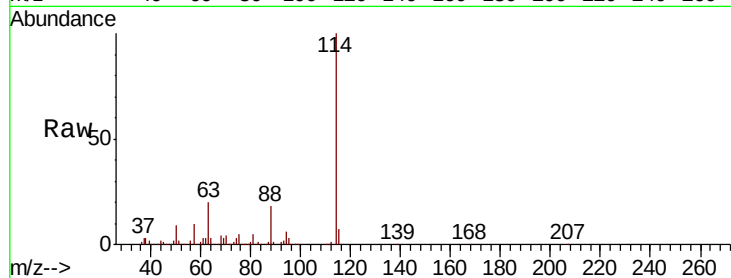




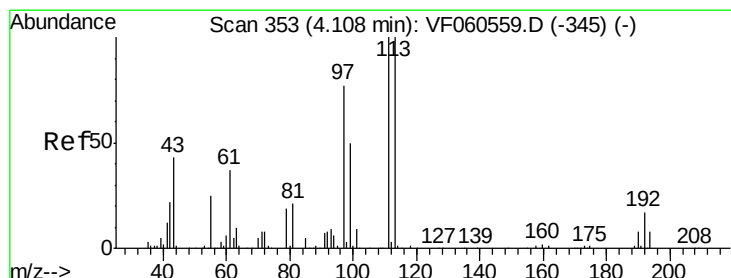
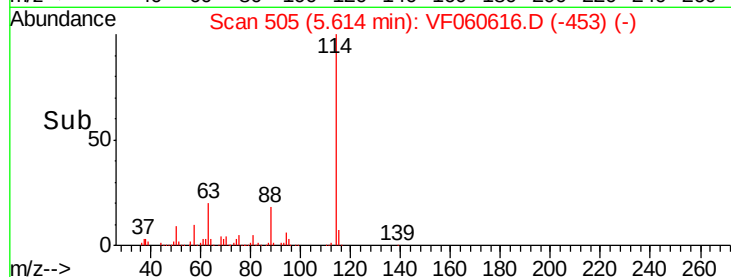
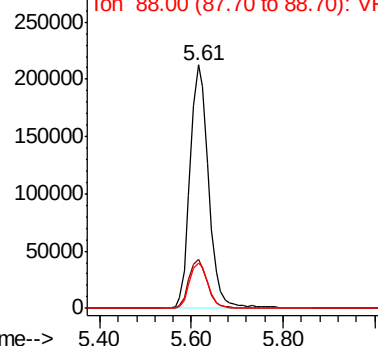
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. 0.02 min
Lab File: VF060616.D
Acq: 6 Nov 2018 16:57

Instrument :
MSVOA_F
ClientSampleId :
CL-02-110118-A

Tot Ion:114 Resp: 595101
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.0
88 18.4 0.0 38.2

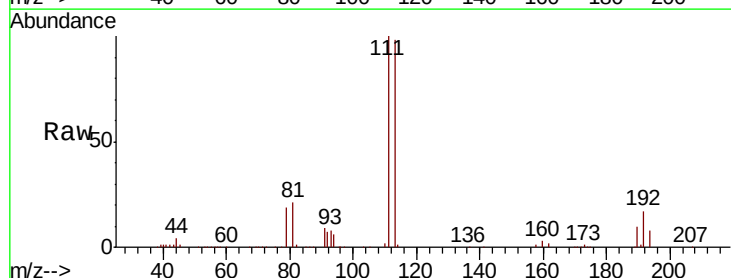


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VF0
Ion 88.00 (87.70 to 88.70): VF0

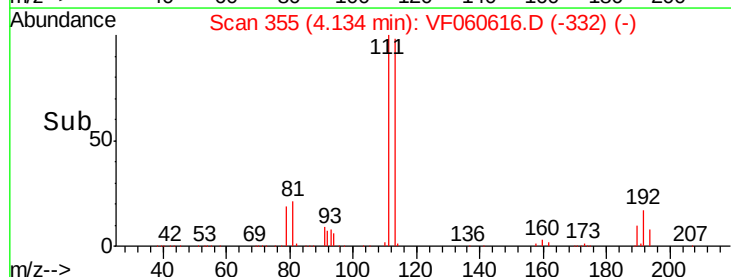
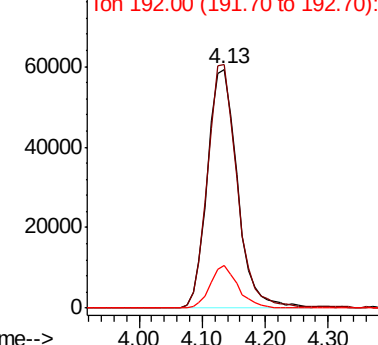


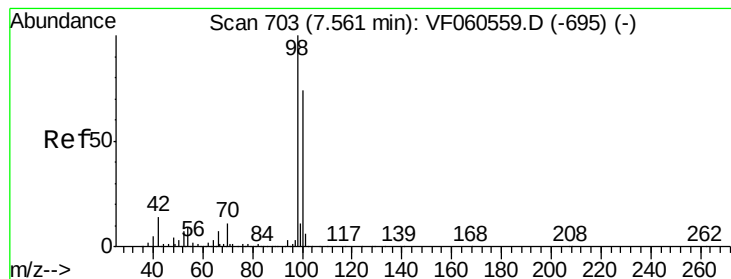
#35
Dibromofluoromethane
Concen: 42.504 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.03 min
Lab File: VF060616.D
Acq: 6 Nov 2018 16:57

Tgt Ion:113 Resp: 195422
Ion Ratio Lower Upper
113 100
111 101.9 79.9 119.9
192 17.6 13.3 19.9



Abundance Ion 113.00 (112.70 to 113.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 33.317 ug/l

RT: 7.58 min Scan# 704

Delta R.T. 0.02 min

Lab File: VF060616.D

Acq: 6 Nov 2018 16:57

Instrument :

MSVOA_F

ClientSampleId :

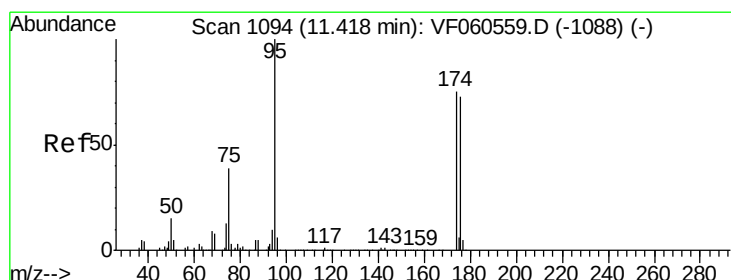
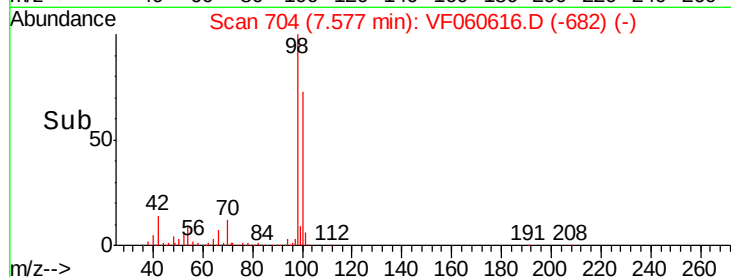
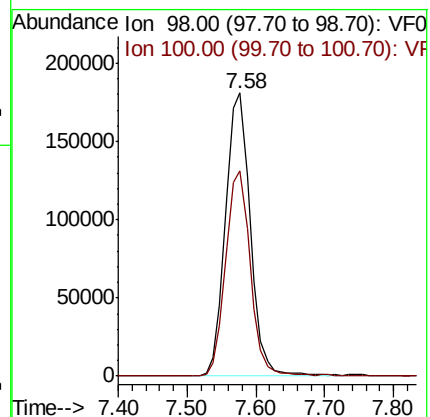
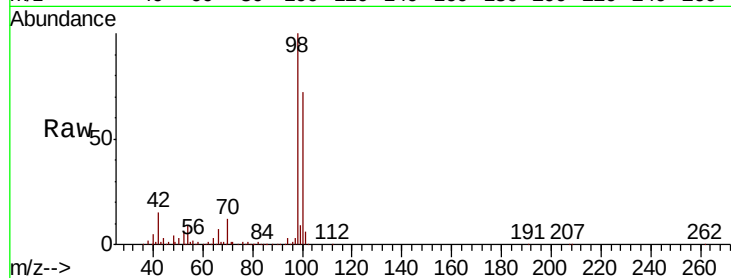
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Tot Ion: 98 Resp: 453778

Ion Ratio Lower Upper

98 100

100 72.5 59.4 89.2



#62

4-Bromofluorobenzene

Concen: 41.281 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.01 min

Lab File: VF060616.D

Acq: 6 Nov 2018 16:57

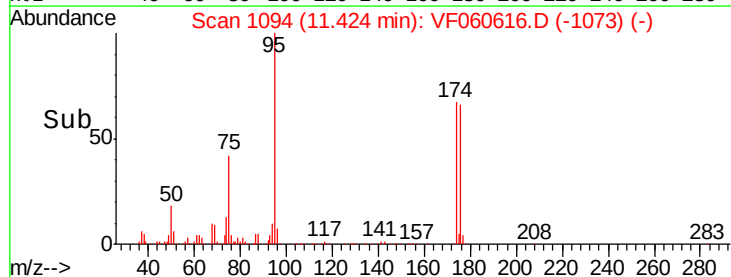
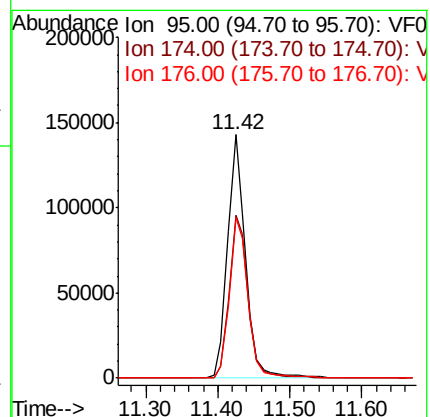
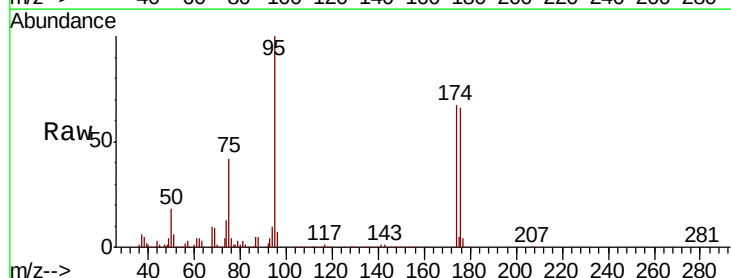
Tgt Ion: 95 Resp: 245930

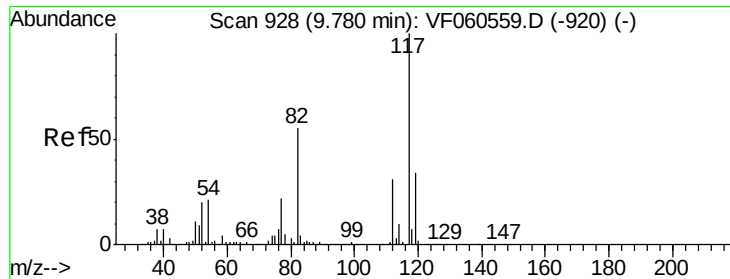
Ion Ratio Lower Upper

95 100

174 66.9 0.0 149.0

176 65.9 0.0 145.6

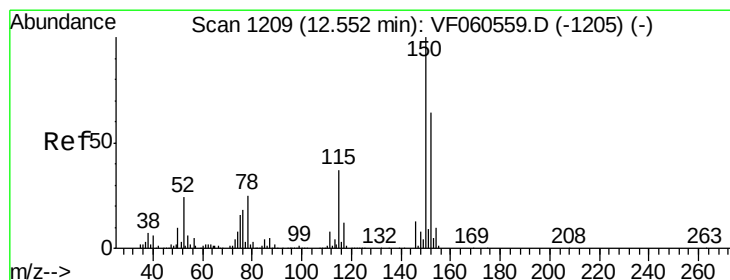
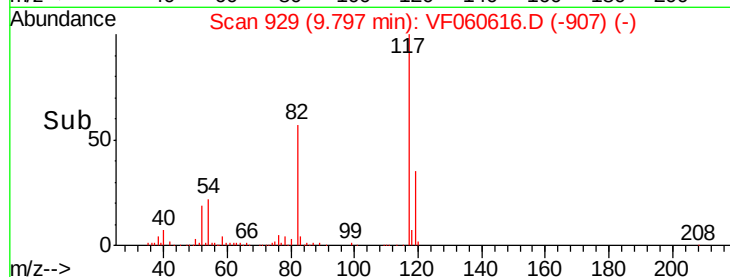
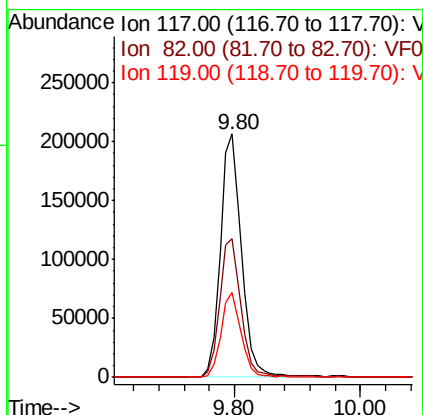
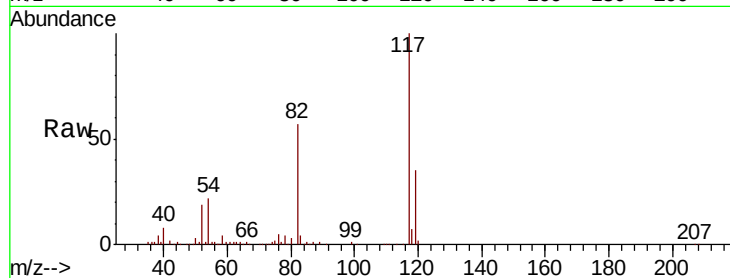




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 929
Delta R.T. 0.02 min
Lab File: VF060616.D
Acq: 6 Nov 2018 16:57

Instrument :
MSVOA_F
ClientSampleId :
CL-02-110118-A

Tot Ion:117 Resp: 485367
Ion Ratio Lower Upper
117 100
82 56.8 43.9 65.9
119 34.8 27.4 41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.57 min Scan# 1210
Delta R.T. 0.02 min
Lab File: VF060616.D
Acq: 6 Nov 2018 16:57

Tgt Ion:152 Resp: 296830
Ion Ratio Lower Upper
152 100
115 53.2 29.6 88.8
150 148.1 0.0 315.6

