

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032219\
 Data File : VF062098.D
 Acq On : 23 Mar 2019 1:03
 Operator : VA/AP
 Sample : K2050-03
 Misc : 4.30g/5mL/MSVOA-F/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CS-3

Quant Time: Mar 23 06:53:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 01:16:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	182719	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.62	114	268579	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	157955	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.57	152	38609	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.87	65	68962	50.74	ug/l	0.00
Spiked Amount			Recovery	=	101.48%	
35) Dibromofluoromethane	4.14	113	105525	58.08	ug/l	0.00
Spiked Amount			Recovery	=	116.16%	
50) Toluene-d8	7.58	98	234966	43.33	ug/l	-0.01
Spiked Amount			Recovery	=	86.66%	
62) 4-Bromofluorobenzene	11.43	95	52947	25.29	ug/l	0.00
Spiked Amount			Recovery	=	50.58%	

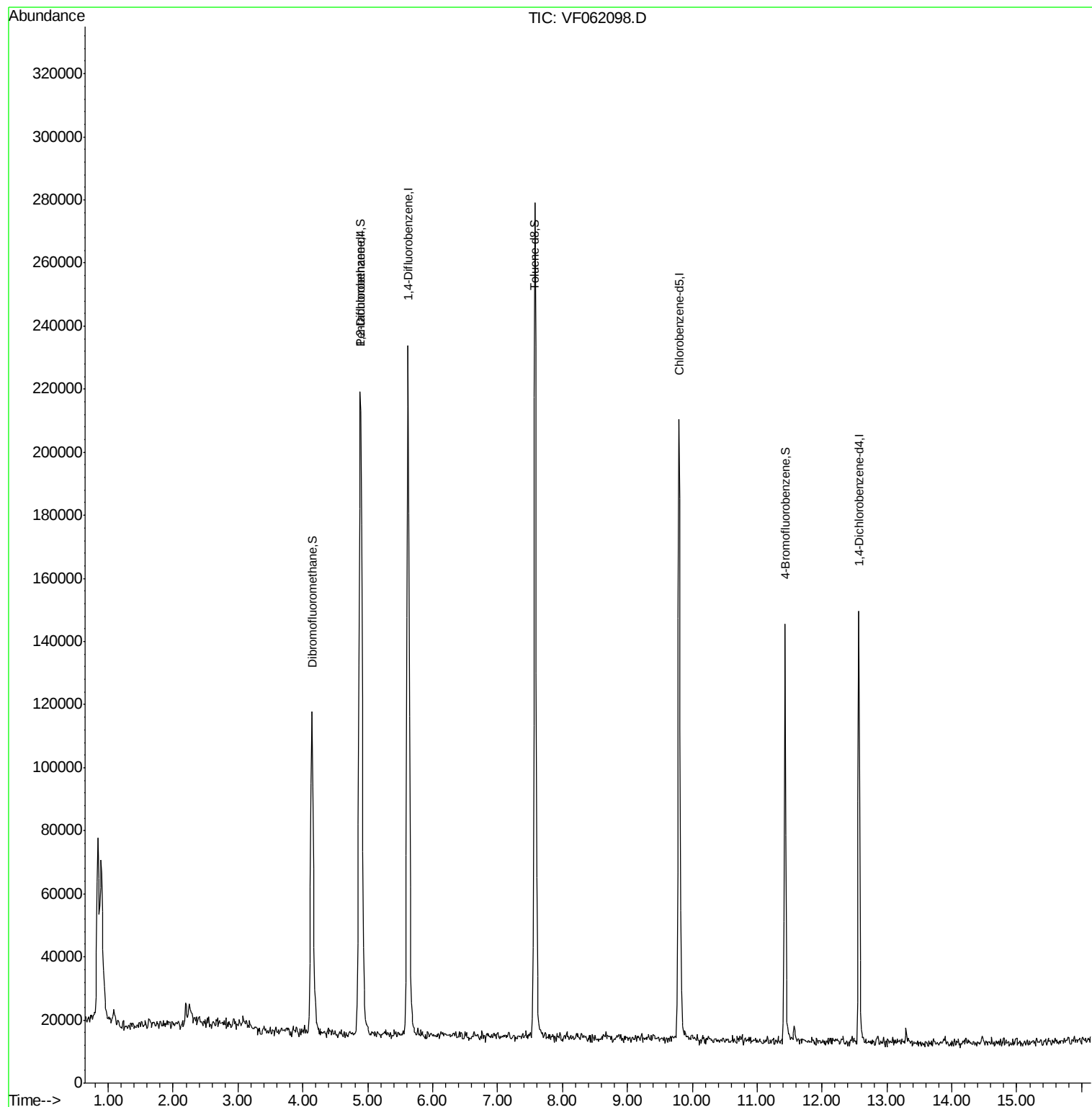
Target Compounds	Qvalue
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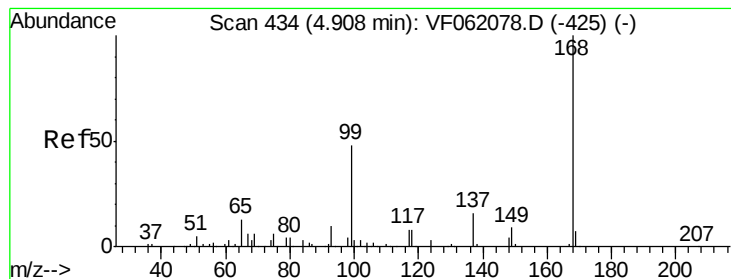
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Mar 23 01:16:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. -0.01 min

Lab File: VF062098.D

Acq: 23 Mar 2019 1:03

Instrument :

MSVOA_F

ClientSampleId :

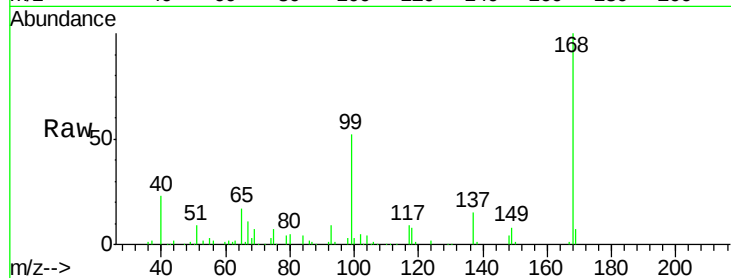
CS-3

Tot Ion:168 Resp: 182719

Ion Ratio Lower Upper

168 100

99 52.2 38.2 57.4



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.89

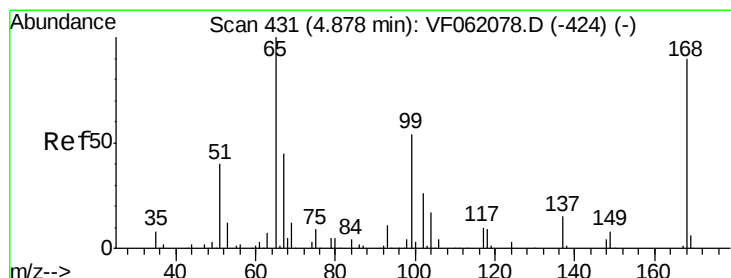
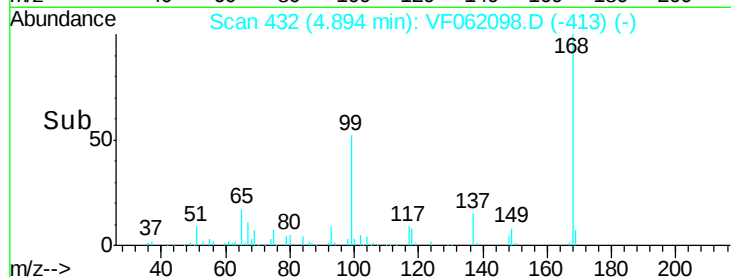
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 50.742 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.00 min

Lab File: VF062098.D

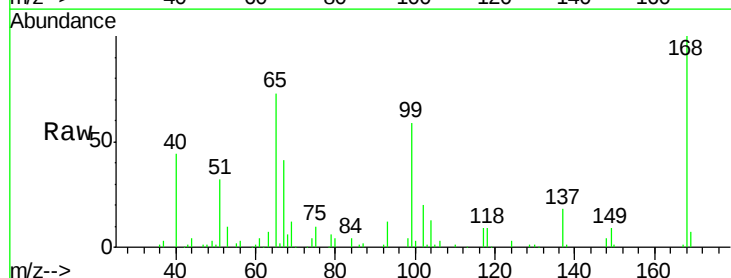
Acq: 23 Mar 2019 1:03

Tgt Ion: 65 Resp: 68962

Ion Ratio Lower Upper

65 100

67 55.6 0.0 106.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.87

25000

20000

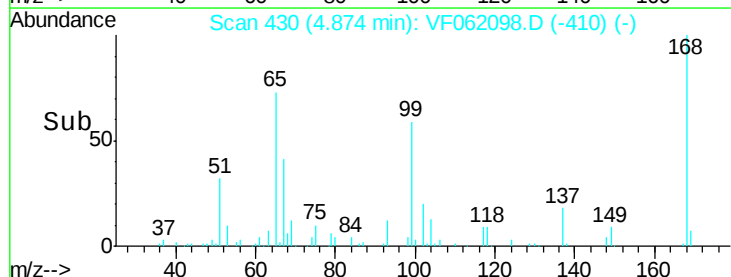
15000

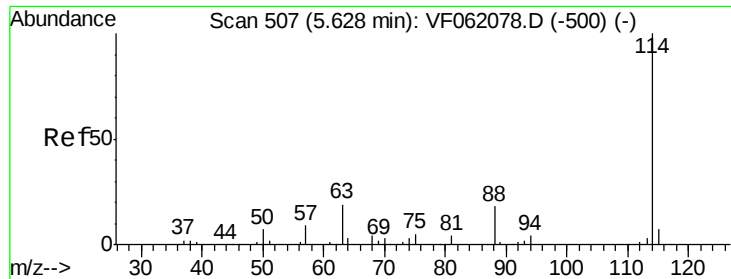
10000

5000

0

Time--> 4.80 4.90 5.00

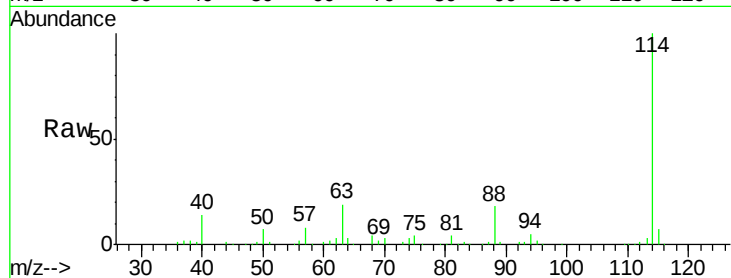




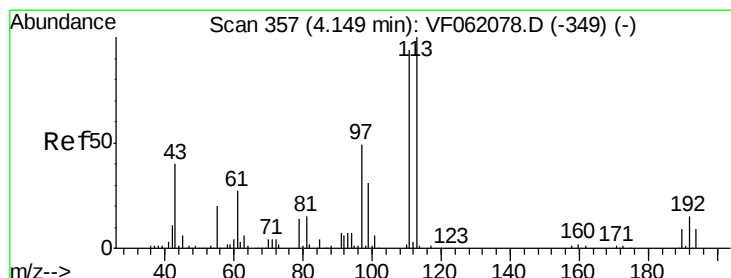
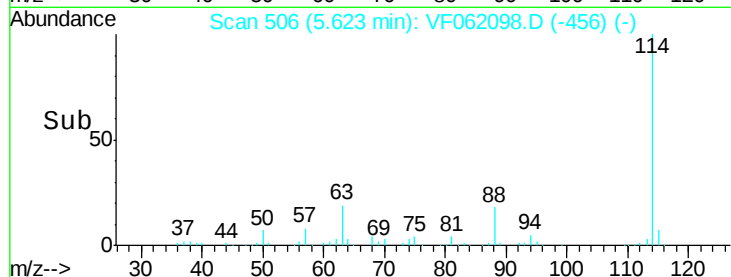
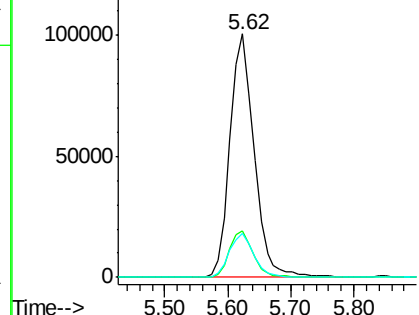
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.62 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: VF062098.D
 Acq: 23 Mar 2019 1:03

Instrument :
 MSVOA_F
 ClientSampleId :
 CS-3

Tot Ion:114 Resp: 268579
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.8
 88 18.0 0.0 36.4

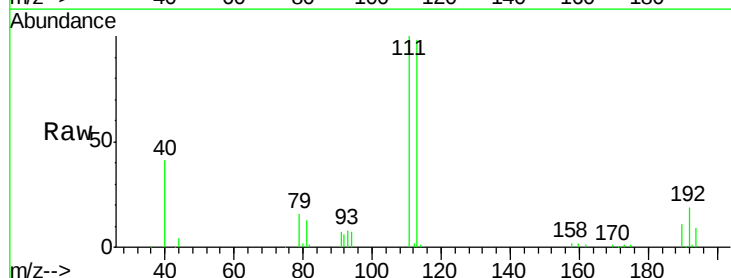


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

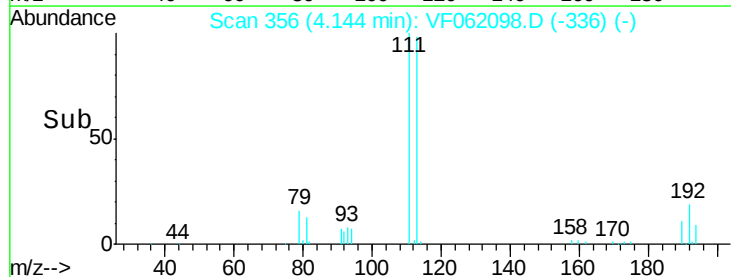
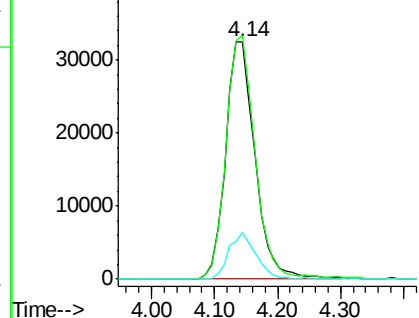


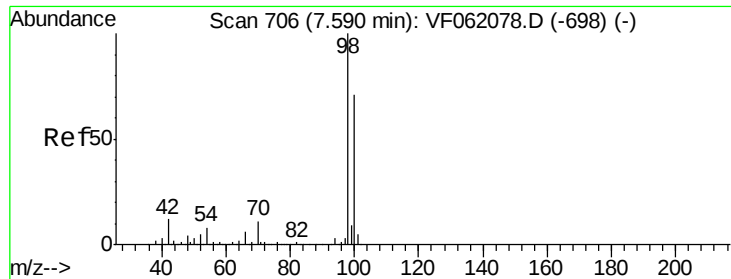
#35
 Dibromofluoromethane
 Concen: 58.082 ug/l
 RT: 4.14 min Scan# 356
 Delta R.T. -0.00 min
 Lab File: VF062098.D
 Acq: 23 Mar 2019 1:03

Tgt Ion:113 Resp: 105525
 Ion Ratio Lower Upper
 113 100
 111 102.4 75.4 113.0
 192 19.4 12.3 18.5#



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: 43.326 ug/l

RT: 7.58 min Scan# 704

Delta R.T. -0.01 min

Lab File: VF062098.D

Acq: 23 Mar 2019 1:03

Instrument :

MSVOA_F

ClientSampled :

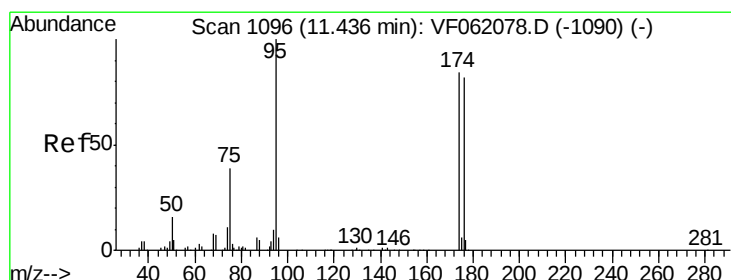
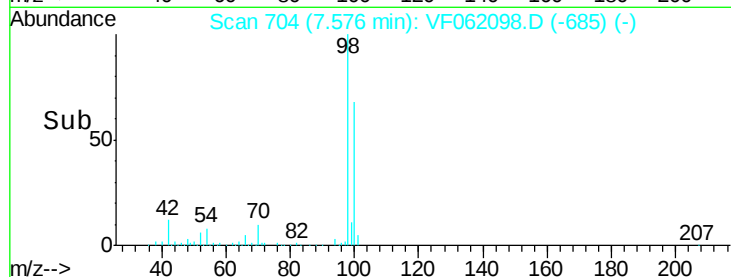
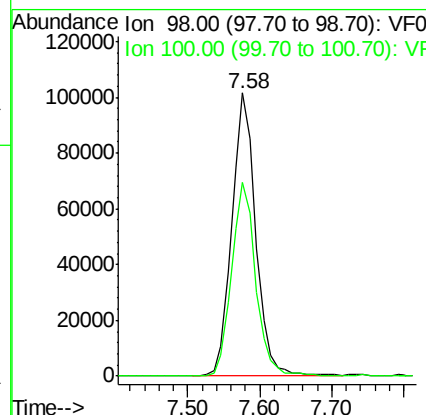
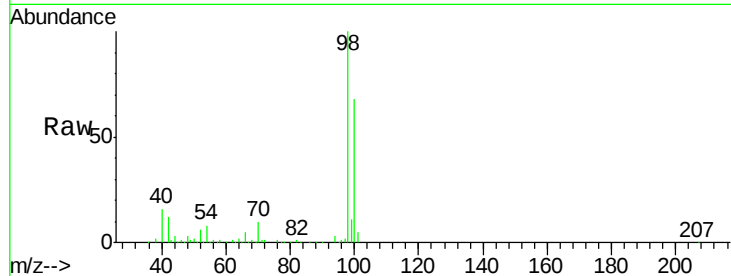
CS-3

Tot Ion: 98 Resp: 234966

Ion Ratio Lower Upper

98 100

100 68.4 57.0 85.6



#62

4-Bromofluorobenzene

Concen: 25.289 ug/l

RT: 11.43 min Scan# 1095

Delta R.T. -0.00 min

Lab File: VF062098.D

Acq: 23 Mar 2019 1:03

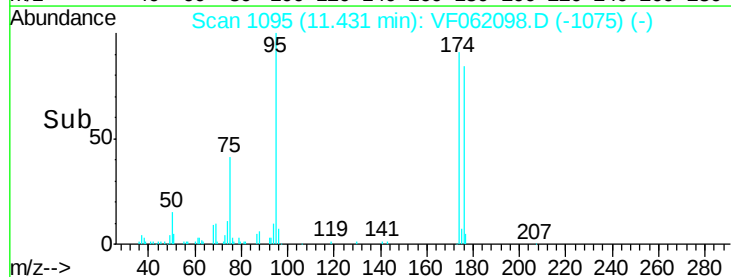
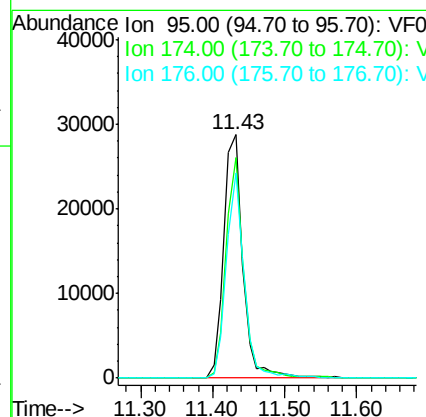
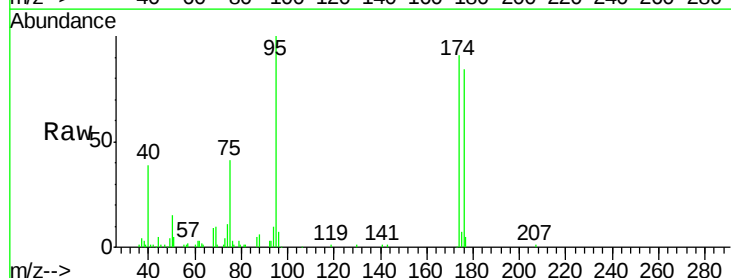
Tgt Ion: 95 Resp: 52947

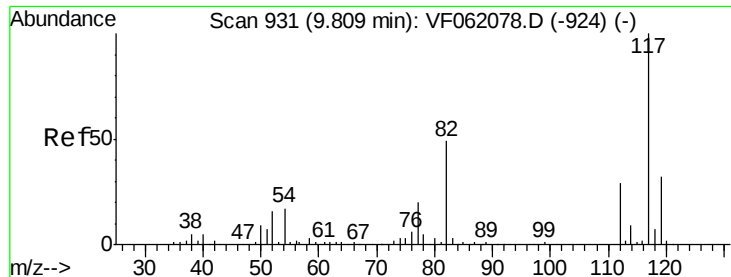
Ion Ratio Lower Upper

95 100

174 90.8 0.0 168.2

176 84.5 0.0 164.2

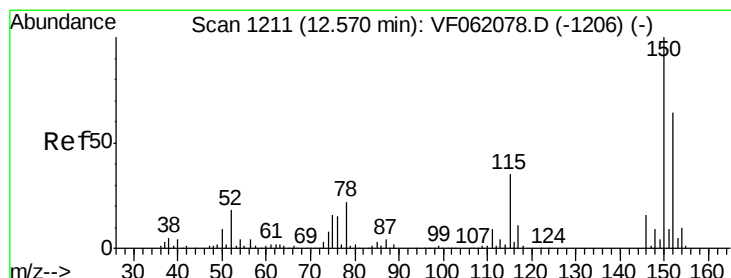
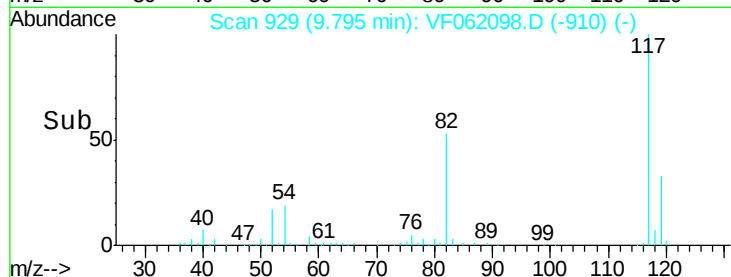
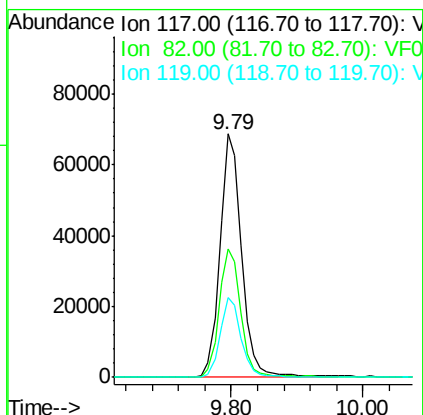
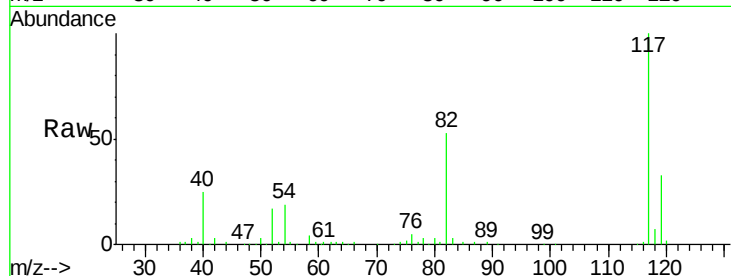




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. -0.01 min
Lab File: VF062098.D
Acq: 23 Mar 2019 1:03

Instrument :
MSVOA_F
ClientSampleId :
CS-3

Tot Ion:117 Resp: 157955
Ion Ratio Lower Upper
117 100
82 52.8 39.2 58.8
119 32.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.57 min Scan# 1210
Delta R.T. -0.00 min
Lab File: VF062098.D
Acq: 23 Mar 2019 1:03

Tgt Ion:152 Resp: 38609
Ion Ratio Lower Upper
152 100
115 57.4 27.7 83.1
150 157.5 0.0 313.2

