

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032619\
 Data File : VF062149.D
 Acq On : 26 Mar 2019 16:46
 Operator : VA/AP
 Sample : K2086-06
 Misc : 9.08g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CS-16

Quant Time: Mar 27 07:29:27 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	4.85	168	182986	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.58	114	280522	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.76	117	123938	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	38916	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	68578	50.39	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	100.78%	
35) Dibromofluoromethane	4.10	113	102274	53.90	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	107.80%	
50) Toluene-d8	7.54	98	94002	16.60	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	33.20%	
62) 4-Bromofluorobenzene	11.40	95	47174	21.57	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	43.14%	

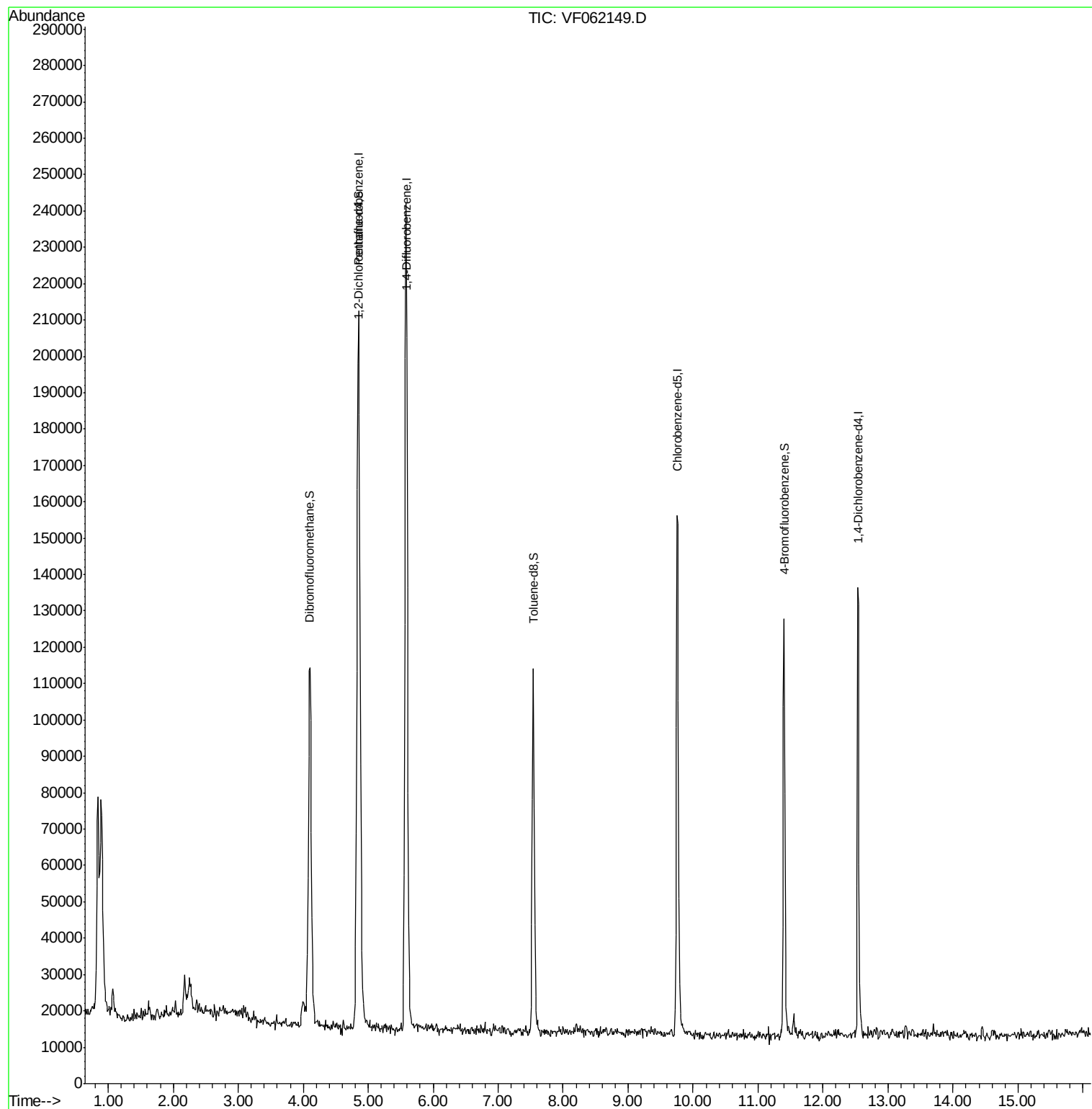
Target Compounds	Qvalue
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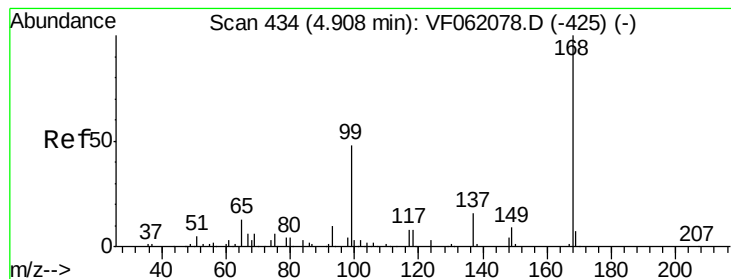
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.05 min

Lab File: VF062149.D

Acq: 26 Mar 2019 16:46

Instrument :

MSVOA_F

ClientSampleId :

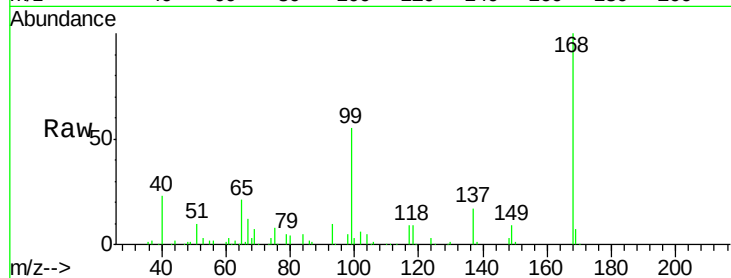
CS-16

Tot Ion:168 Resp: 182986

Ion Ratio Lower Upper

168 100

99 55.5 38.2 57.4



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

60000

50000

40000

30000

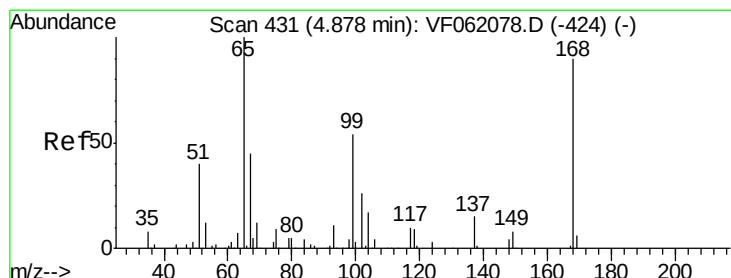
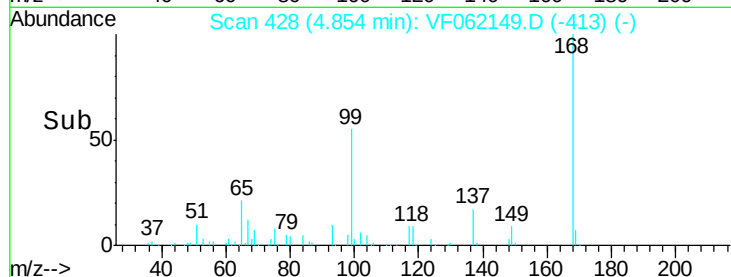
20000

10000

0

4.80 4.85 4.90 5.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.386 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.04 min

Lab File: VF062149.D

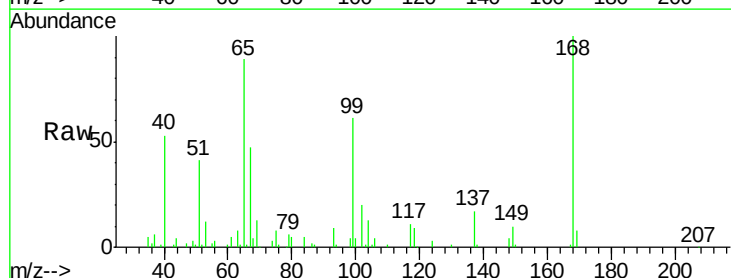
Acq: 26 Mar 2019 16:46

Tgt Ion: 65 Resp: 68578

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.83

25000

20000

15000

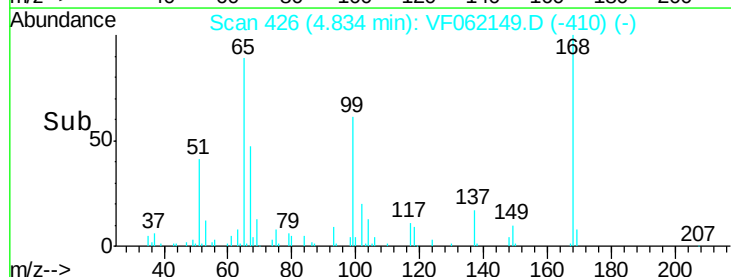
10000

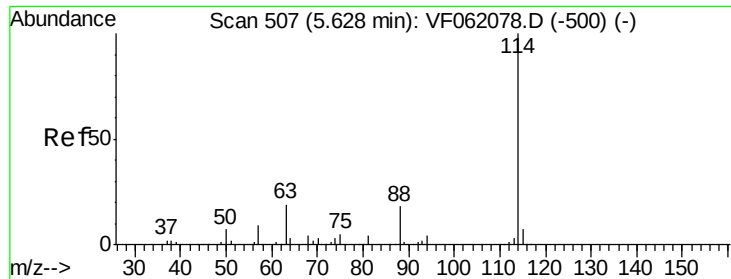
5000

0

4.70 4.80 4.90 5.00

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.04 min

Lab File: VF062149.D

Acq: 26 Mar 2019 16:46

Instrument :

MSVOA_F

ClientSampled :

CS-16

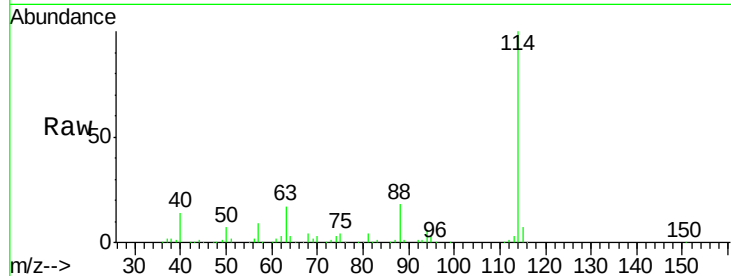
Tot Ion:114 Resp: 280522

Ion Ratio Lower Upper

114 100

63 17.0 0.0 37.8

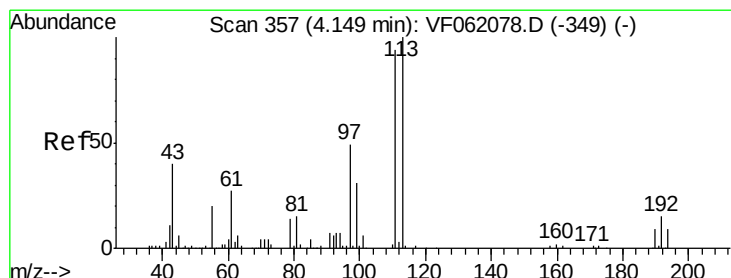
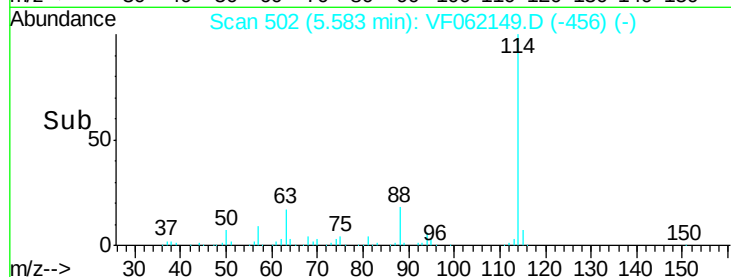
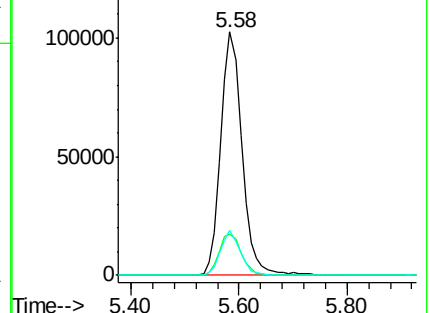
88 18.4 0.0 36.4



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: 53.896 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.04 min

Lab File: VF062149.D

Acq: 26 Mar 2019 16:46

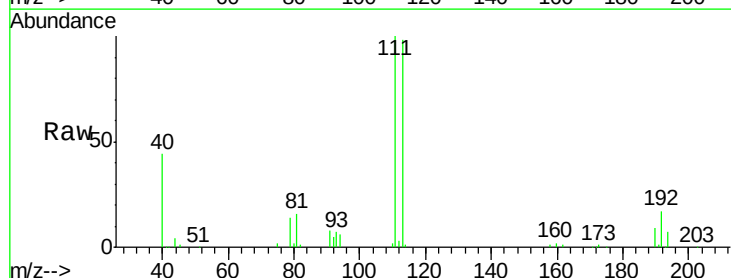
Tgt Ion:113 Resp: 102274

Ion Ratio Lower Upper

113 100

111 102.5 75.4 113.0

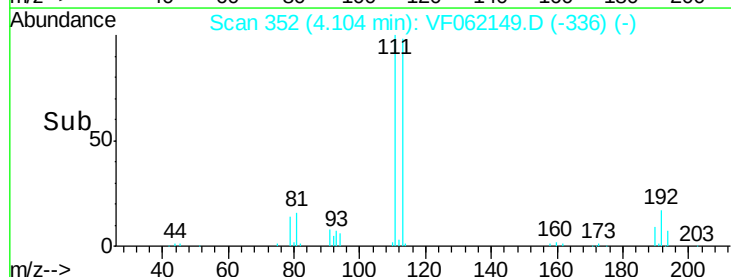
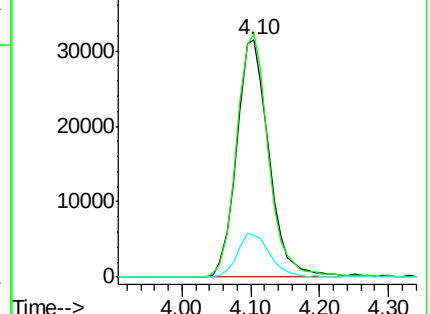
192 17.9 12.3 18.5

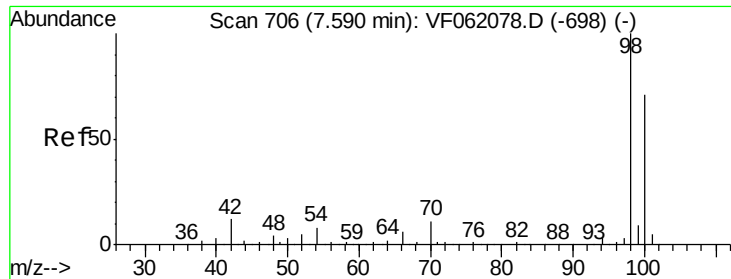


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

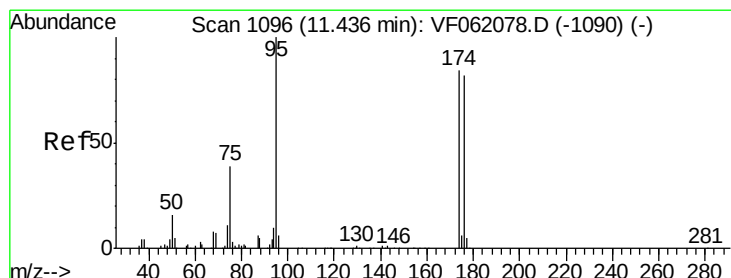
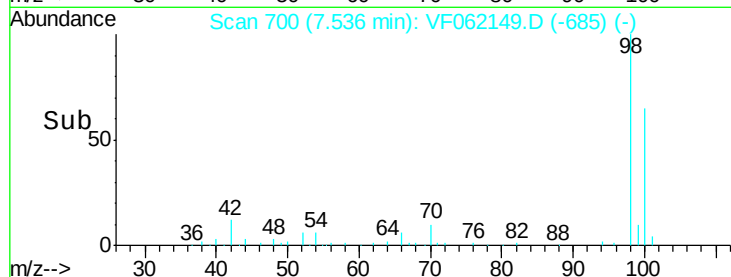
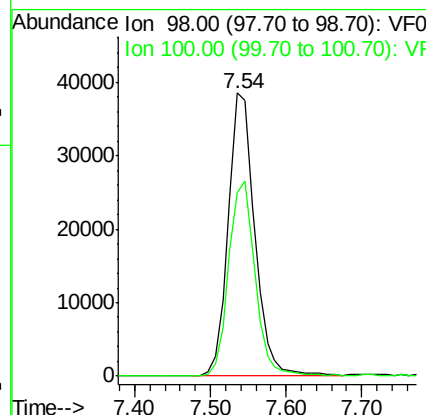
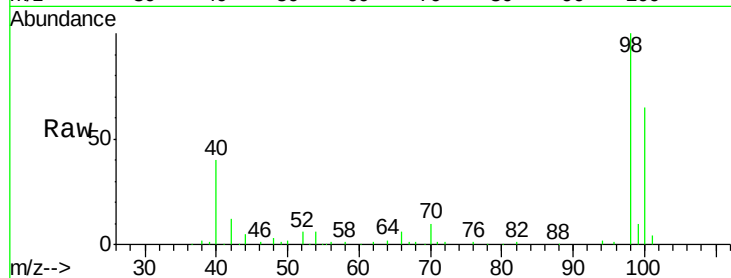




#50
Toluene-d8
Concen: 16.595 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.05 min
Lab File: VF062149.D
Acq: 26 Mar 2019 16:46

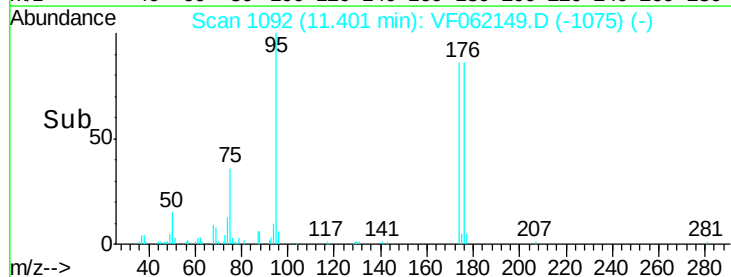
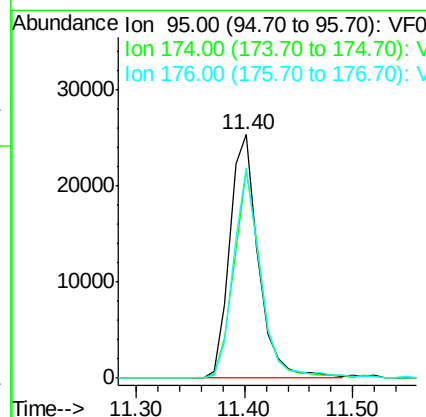
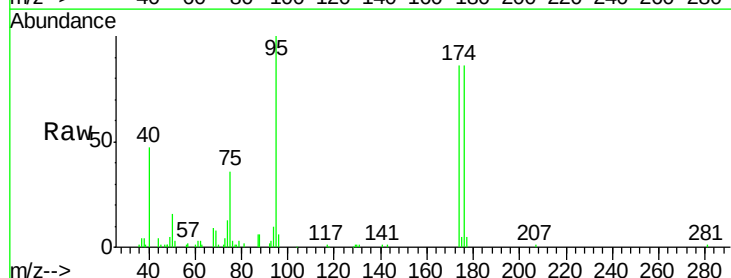
Instrument :
MSVOA_F
ClientSampled :
CS-16

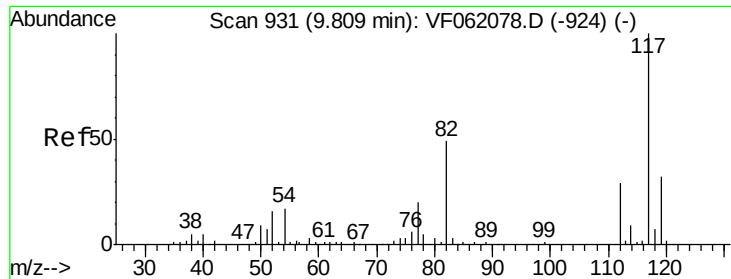
Tot Ion: 98 Resp: 94002
Ion Ratio Lower Upper
98 100
100 64.9 57.0 85.6



#62
4-Bromofluorobenzene
Concen: 21.572 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.03 min
Lab File: VF062149.D
Acq: 26 Mar 2019 16:46

Tgt Ion: 95 Resp: 47174
Ion Ratio Lower Upper
95 100
174 85.6 0.0 168.2
176 86.5 0.0 164.2

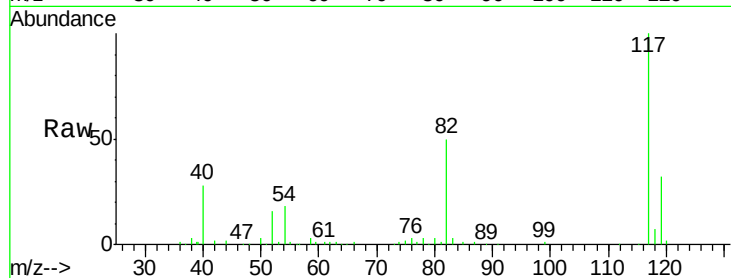




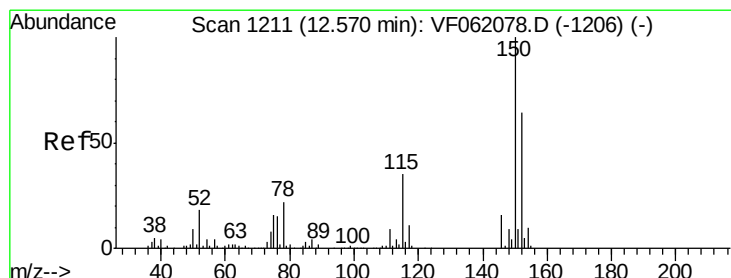
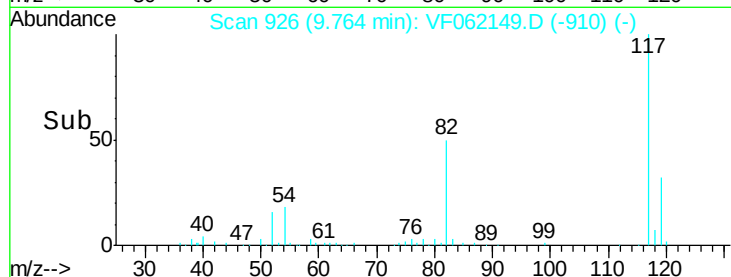
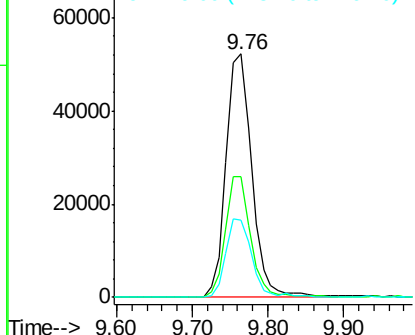
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.04 min
Lab File: VF062149.D
Acq: 26 Mar 2019 16:46

Instrument :
MSVOA_F
ClientSampleId :
CS-16

Tot Ion:117 Resp: 123938
Ion Ratio Lower Upper
117 100
82 49.5 39.2 58.8
119 31.7 25.4 38.2

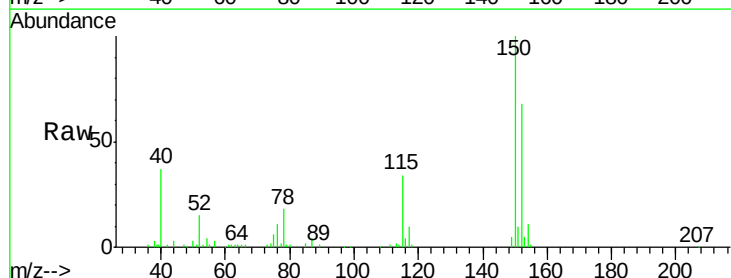


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF062149.D
Acq: 26 Mar 2019 16:46

Tgt Ion:152 Resp: 38916
Ion Ratio Lower Upper
152 100
115 50.1 27.7 83.1
150 147.6 0.0 313.2



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

