

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010219\
 Data File : VF061254.D
 Acq On : 2 Jan 2019 15:08
 Operator : VA/AP
 Sample : J6547-01
 Misc : 5.73g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 1A-VOC

Quant Time: Jan 02 15:32:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	201920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	360734	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	258326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	102745	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.83	65	121956	46.96	ug/l	0.00
Spiked Amount			Recovery	=	93.92%	
35) Dibromofluoromethane	4.10	113	138569	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
50) Toluene-d8	7.55	98	306364	37.41	ug/l	0.00
Spiked Amount			Recovery	=	74.82%	
62) 4-Bromofluorobenzene	11.40	95	120707	31.97	ug/l	0.00
Spiked Amount			Recovery	=	63.94%	

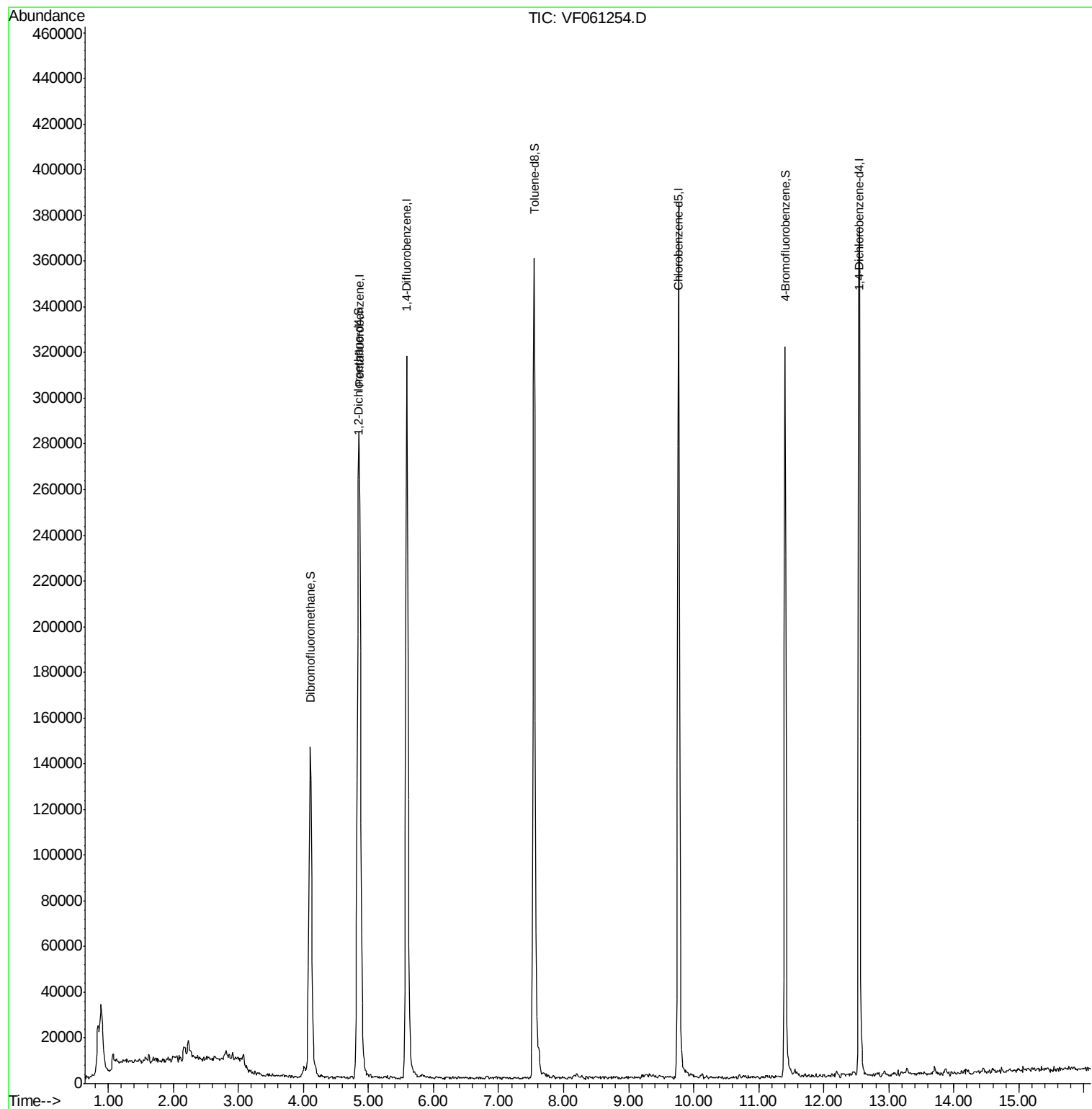
Target Compounds	Qvalue
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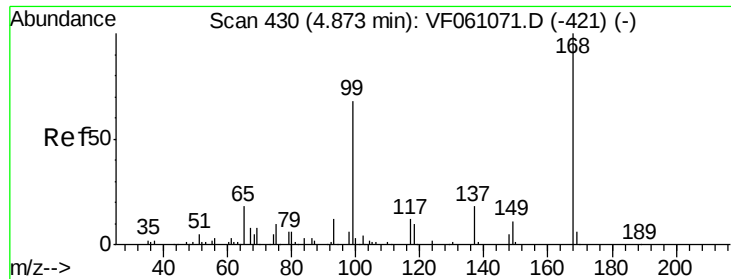
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF010219\
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Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF061254.D

Acq: 2 Jan 2019 15:08

Instrument :

MSVOA_F

ClientSampleId :

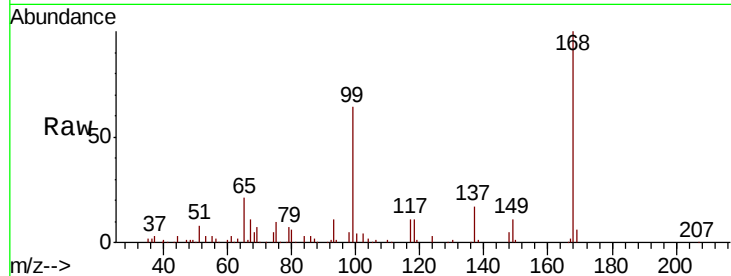
1A-VOC

Tot Ion:168 Resp: 201920

Ion Ratio Lower Upper

168 100

99 64.1 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

60000

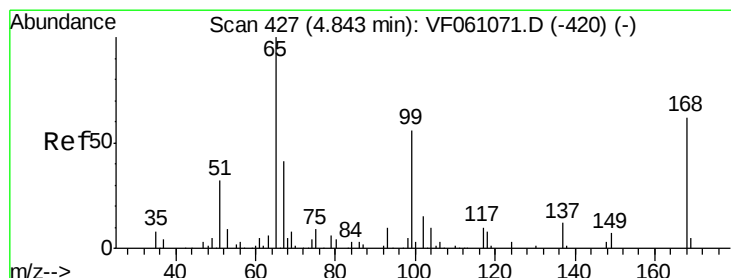
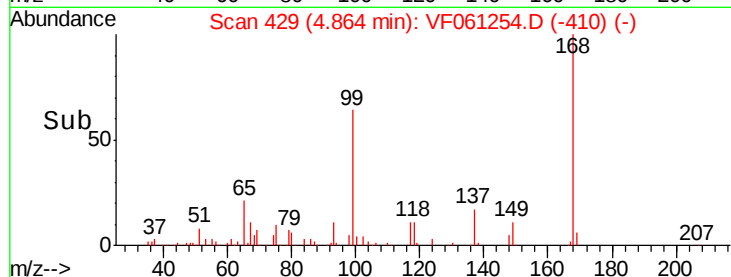
40000

20000

0

Time-->

4.70 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 46.960 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.01 min

Lab File: VF061254.D

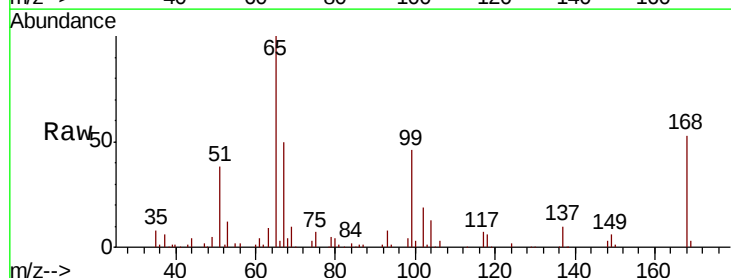
Acq: 2 Jan 2019 15:08

Tgt Ion: 65 Resp: 121956

Ion Ratio Lower Upper

65 100

67 50.0 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.83

40000

30000

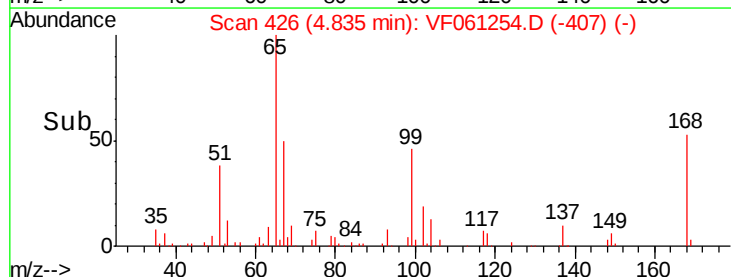
20000

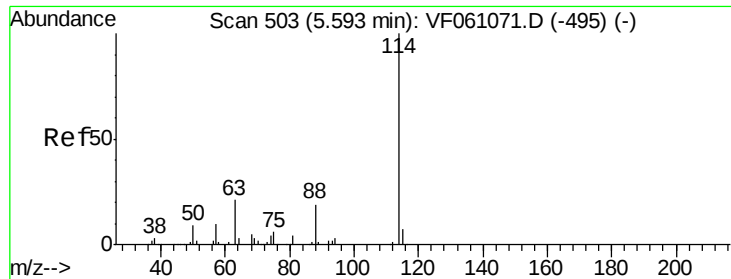
10000

0

Time-->

4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. 0.00 min

Lab File: VF061254.D

Acq: 2 Jan 2019 15:08

Instrument :

MSVOA_F

ClientSampleId :

1A-VOC

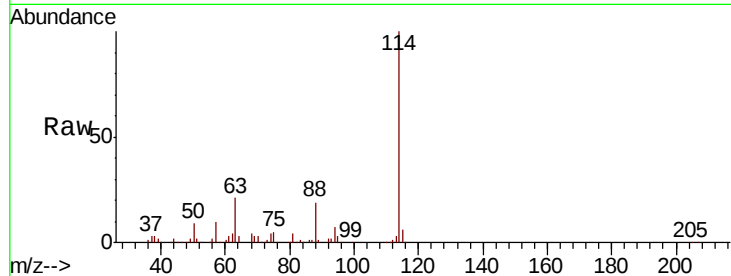
Tot Ion:114 Resp: 360734

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.6

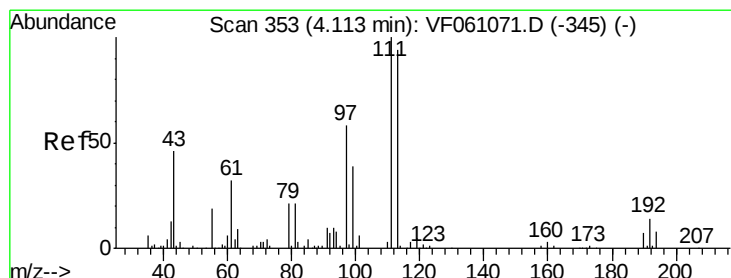
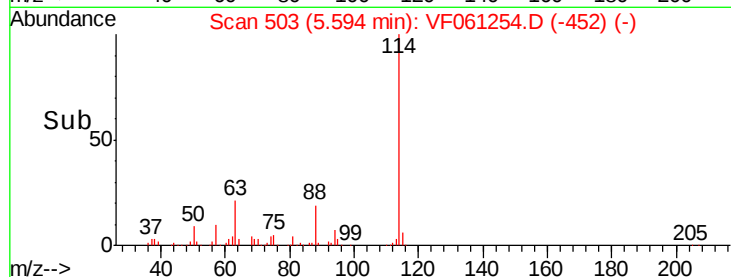
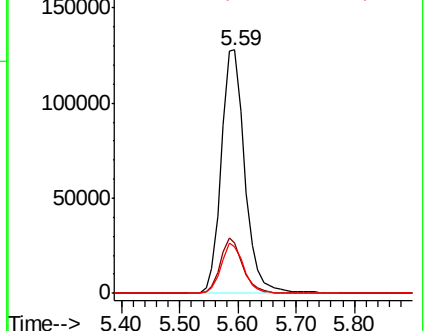
88 19.3 0.0 38.0



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: 47.953 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.01 min

Lab File: VF061254.D

Acq: 2 Jan 2019 15:08

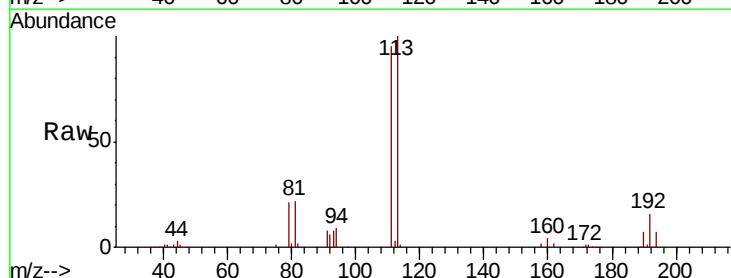
Tgt Ion:113 Resp: 138569

Ion Ratio Lower Upper

113 100

111 95.1 85.2 127.8

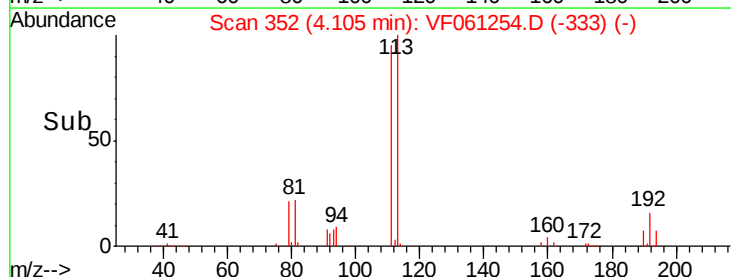
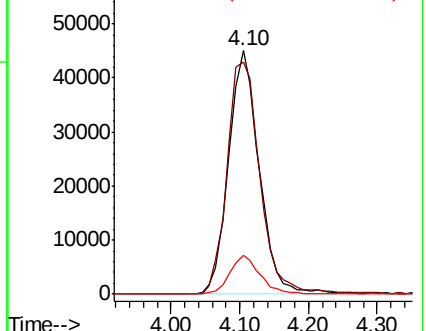
192 15.8 12.8 19.2

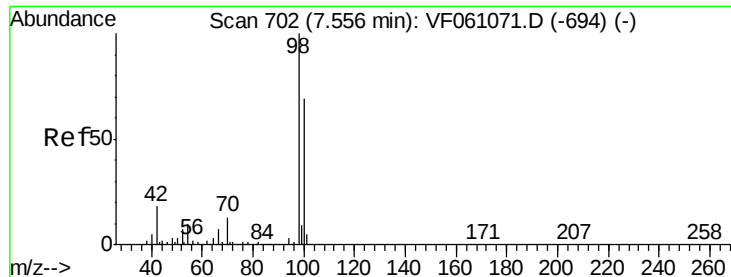


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 37.412 ug/l

RT: 7.55 min Scan# 701

Delta R.T. -0.01 min

Lab File: VF061254.D

Acq: 2 Jan 2019 15:08

Instrument :

MSVOA_F

ClientSampleId :

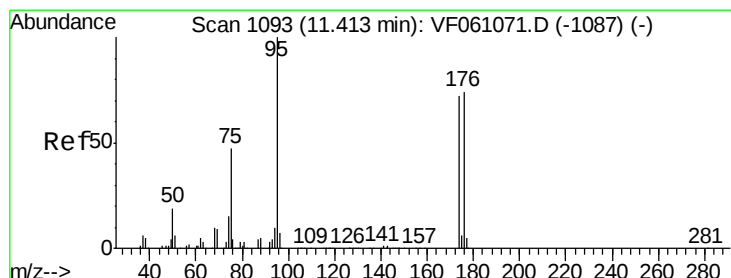
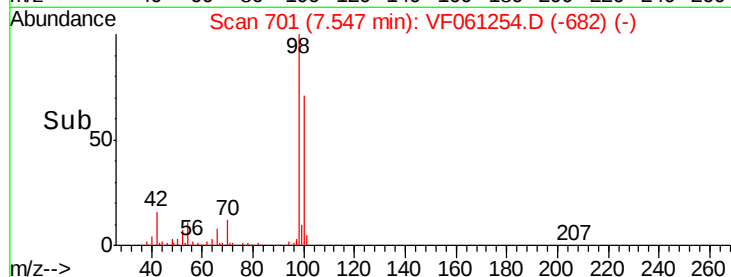
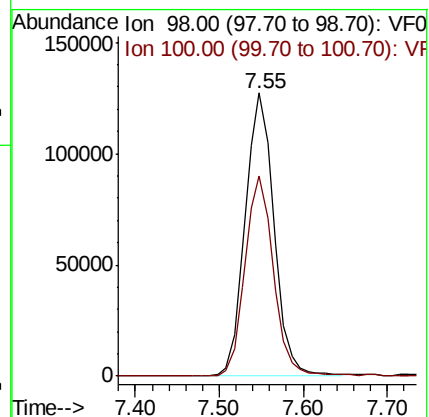
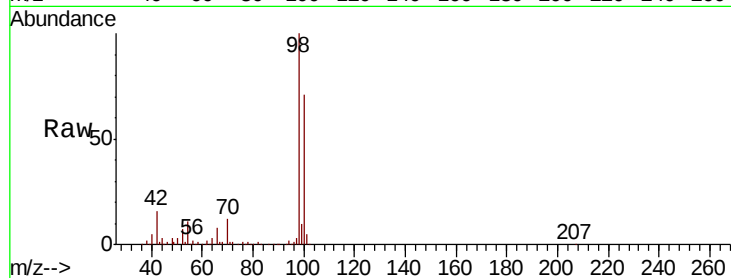
1A-VOC

Tot Ion: 98 Resp: 306364

Ion Ratio Lower Upper

98 100

100 70.9 55.3 82.9



#62

4-Bromofluorobenzene

Concen: 31.973 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF061254.D

Acq: 2 Jan 2019 15:08

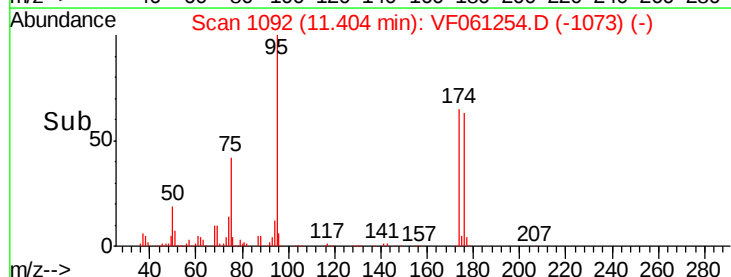
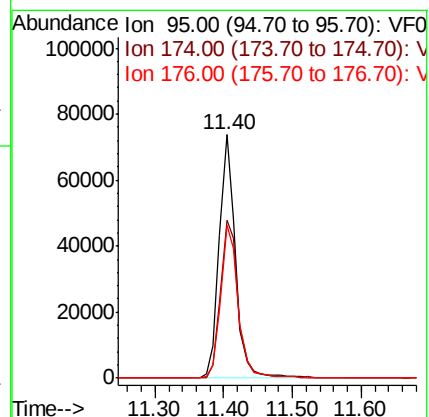
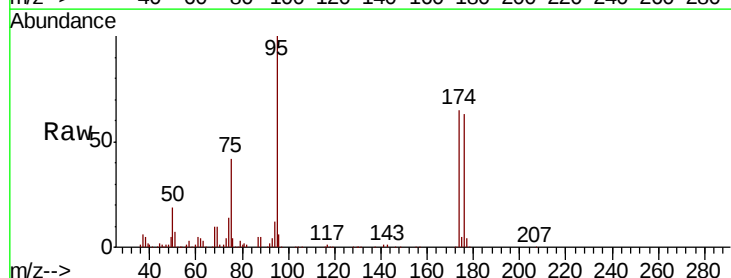
Tgt Ion: 95 Resp: 120707

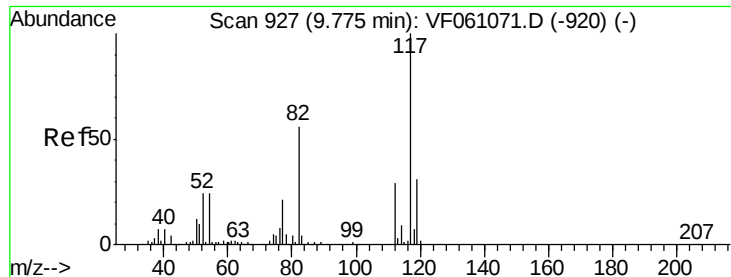
Ion Ratio Lower Upper

95 100

174 64.7 0.0 143.8

176 62.6 0.0 147.6

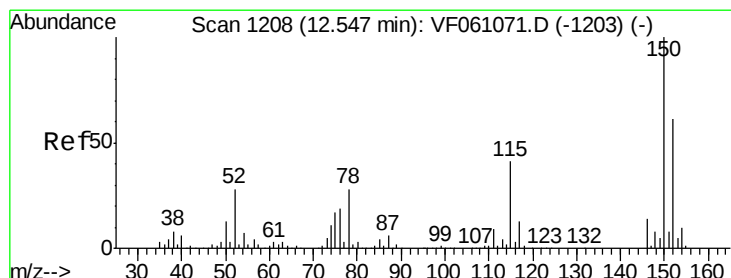
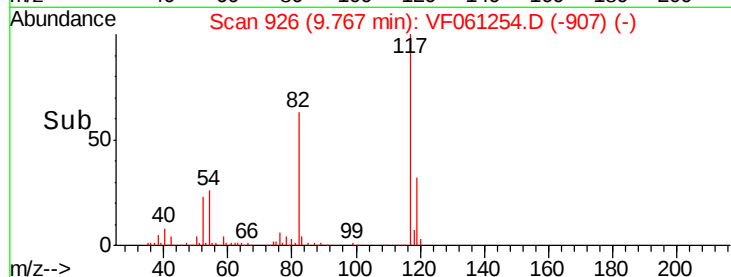
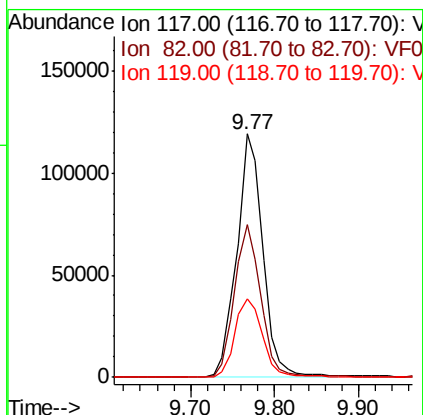
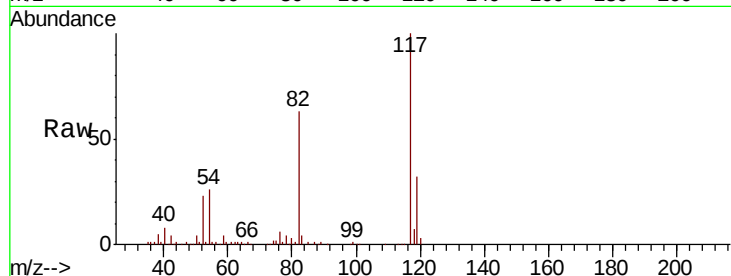




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF061254.D
Acq: 2 Jan 2019 15:08

Instrument :
MSVOA_F
ClientSampleId :
1A-VOC

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.5	45.0	67.4
119	32.3	24.8	37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. 0.00 min
Lab File: VF061254.D
Acq: 2 Jan 2019 15:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	33.3	99.9
150	149.5	0.0	328.2

