

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022519\
 Data File : VF061735.D
 Acq On : 25 Feb 2019 17:34
 Operator : VA/AP
 Sample : K1610-03
 Misc : 8.99g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WV-B

Quant Time: Feb 26 04:51:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

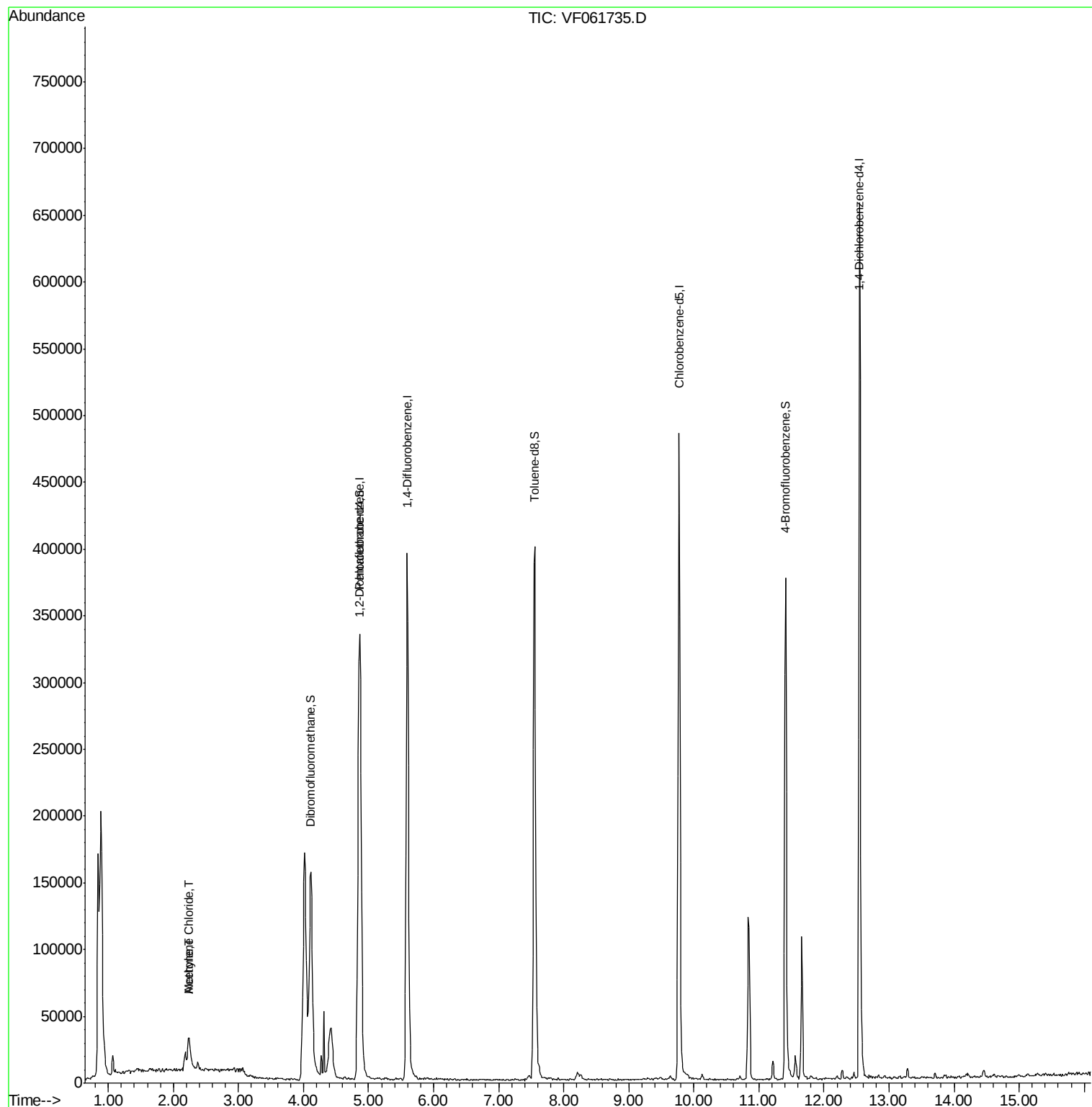
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	327928	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.59	114	484100	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.77	117	400354	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.54	152	192214	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	105972	44.07	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	88.14%	
35) Dibromofluoromethane	4.10	113	149403	41.56	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	83.12%	
50) Toluene-d8	7.56	98	376740	36.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.90%	
62) 4-Bromofluorobenzene	11.41	95	146448	35.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.04%	
Target Compounds						
16) Acetone	2.24	43	22153	42.936	ug/l #	85
20) Methylene Chloride	2.23	84	17983m	4.195	ug/l	

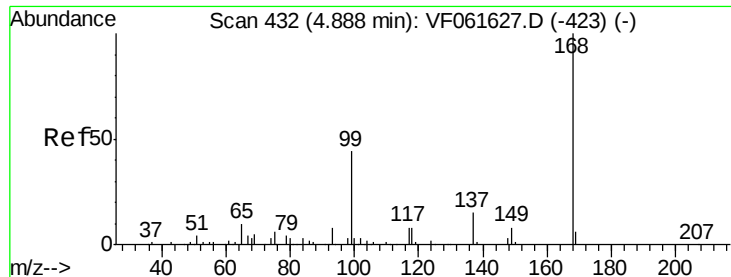
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022519\
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Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.02 min

Lab File: VF061735.D

Acq: 25 Feb 2019 17:34

Instrument :

MSVOA_F

ClientSampleId :

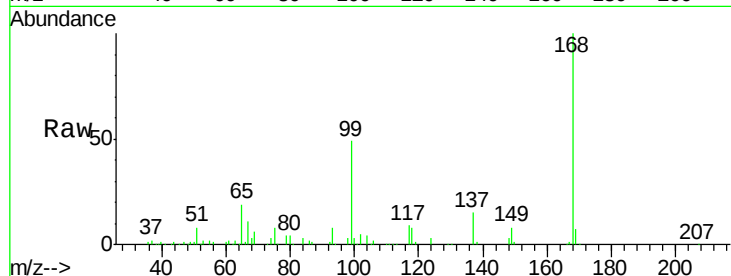
WV-B

Tot Ion:168 Resp: 327928

Ion Ratio Lower Upper

168 100

99 49.0 34.9 52.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

100000

80000

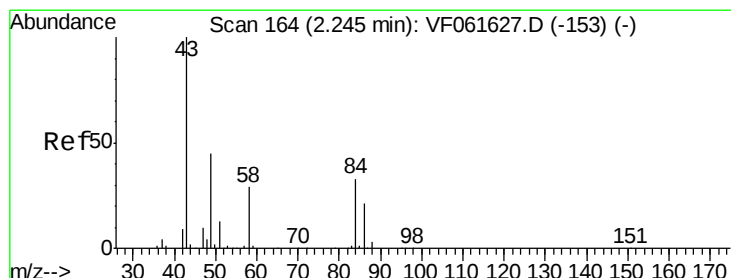
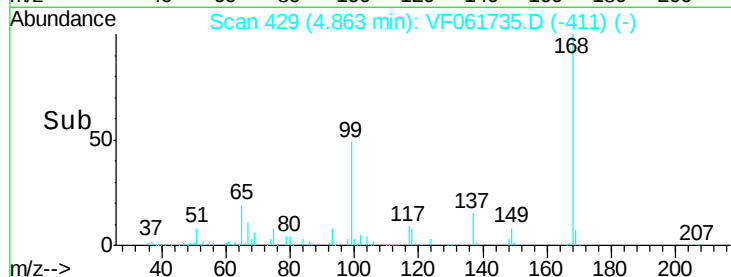
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 42.936 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.01 min

Lab File: VF061735.D

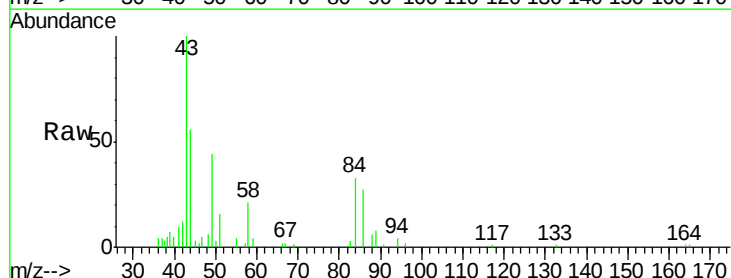
Acq: 25 Feb 2019 17:34

Tgt Ion: 43 Resp: 22153

Ion Ratio Lower Upper

43 100

58 20.7 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

8000

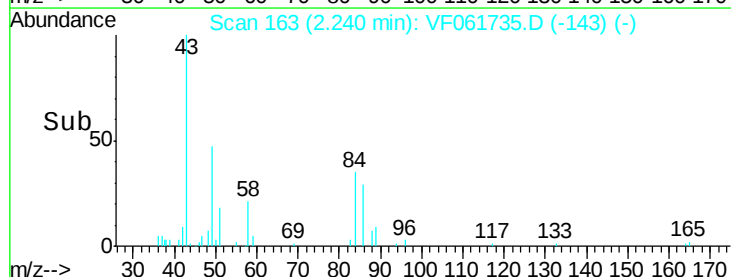
6000

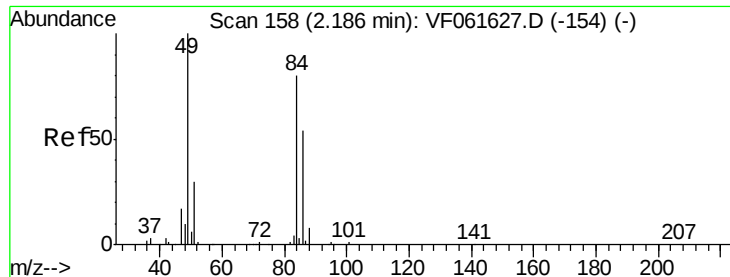
4000

2000

0

Time-->

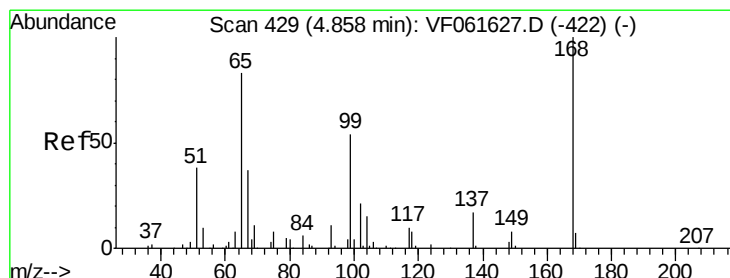
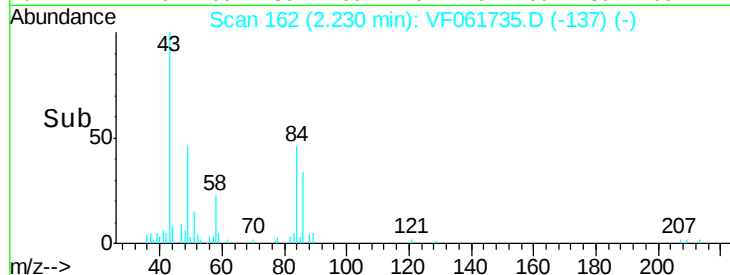
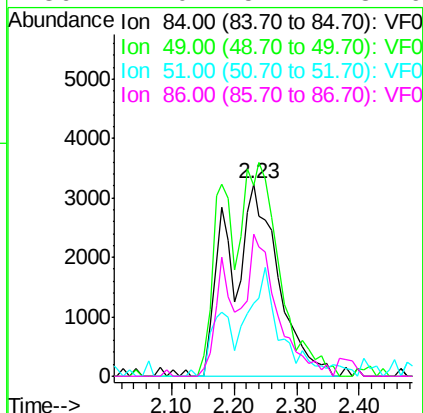
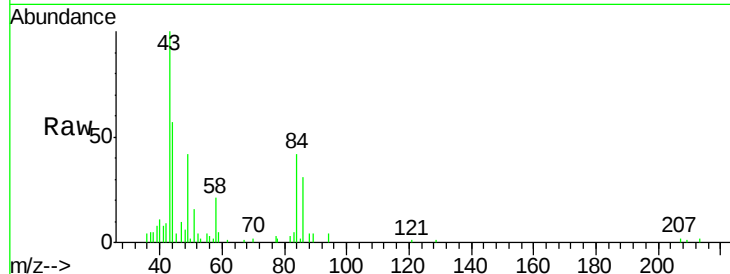




#20
Methylene Chloride
Concen: 4.195 ug/l
RT: 2.23 min Scan# 162
Delta R.T. 0.04 min
Lab File: VF061735.D
Acq: 25 Feb 2019 17:34

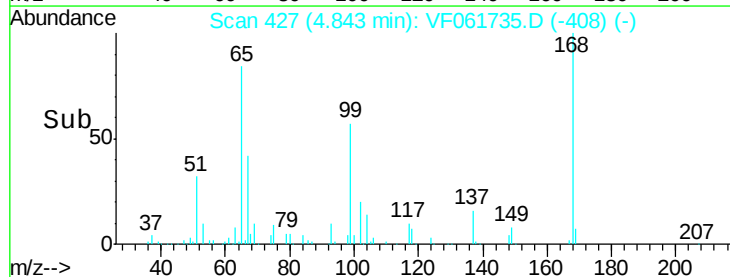
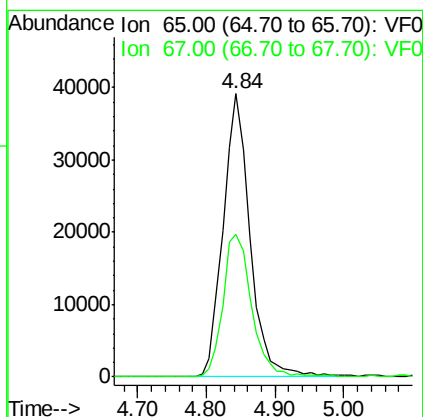
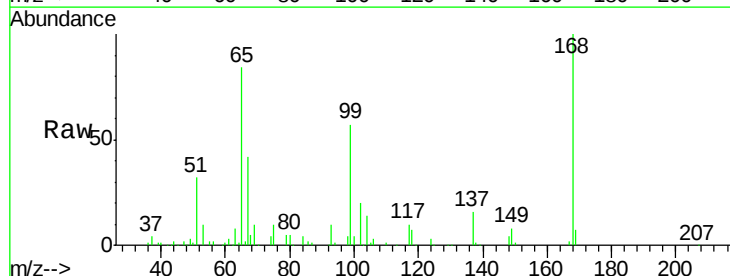
Instrument :
MSVOA_F
ClientSampled :
WV-B

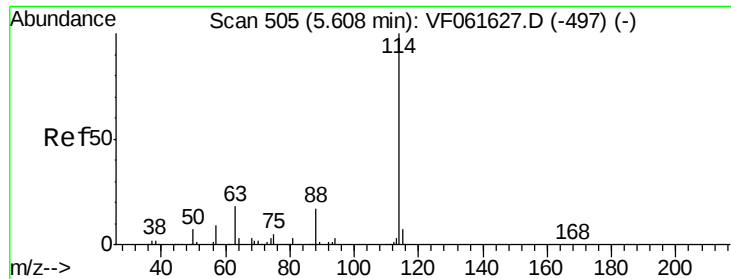
Tot Ion: 84 Resp: 17983
Ion Ratio Lower Upper
84 100
49 98.8 101.8 152.8#
51 37.7 31.1 46.7
86 74.0 54.4 81.6



#33
1,2-Dichloroethane-d4
Concen: 44.068 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.01 min
Lab File: VF061735.D
Acq: 25 Feb 2019 17:34

Tgt Ion: 65 Resp: 105972
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.01 min

Lab File: VF061735.D

Acq: 25 Feb 2019 17:34

Instrument :

MSVOA_F

ClientSampleId :

WV-B

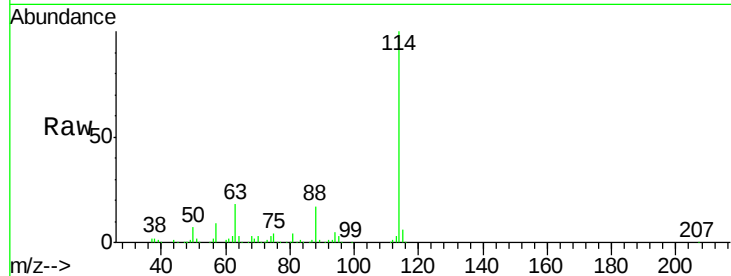
Tot Ion:114 Resp: 484100

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.6

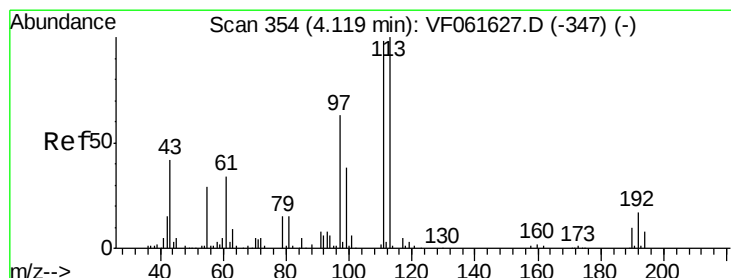
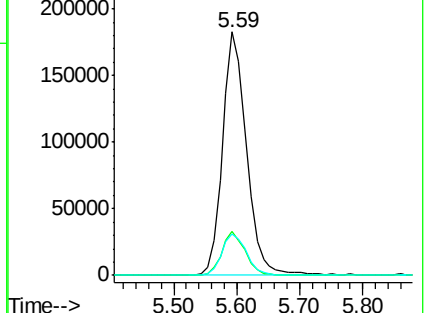
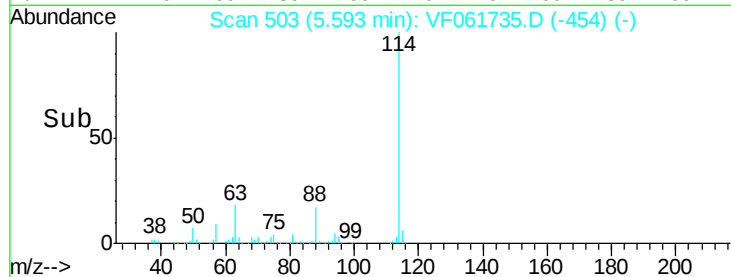
88 17.2 0.0 34.4



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: 41.559 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.01 min

Lab File: VF061735.D

Acq: 25 Feb 2019 17:34

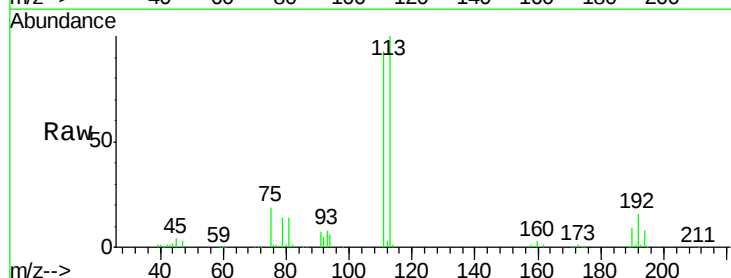
Tgt Ion:113 Resp: 149403

Ion Ratio Lower Upper

113 100

111 93.4 78.8 118.2

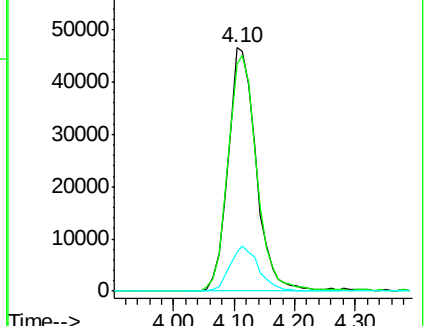
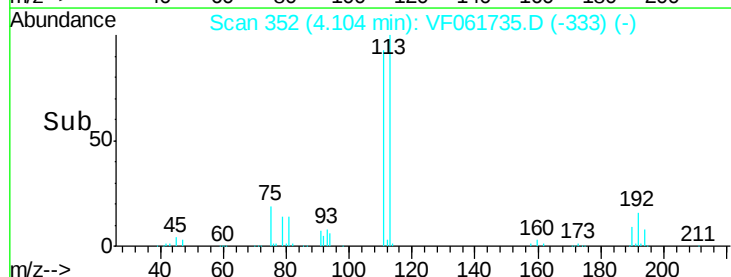
192 15.8 13.4 20.0

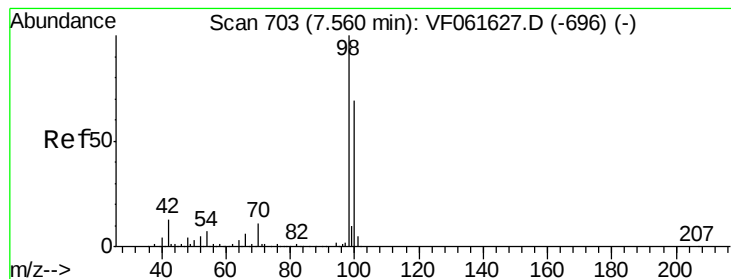


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 36.455 ug/l

RT: 7.56 min Scan# 702

Delta R.T. -0.01 min

Lab File: VF061735.D

Acq: 25 Feb 2019 17:34

Instrument :

MSVOA_F

ClientSampleId :

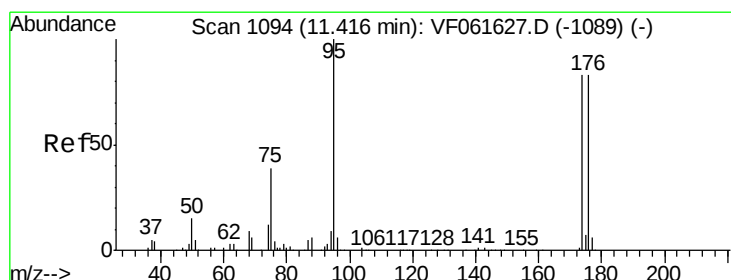
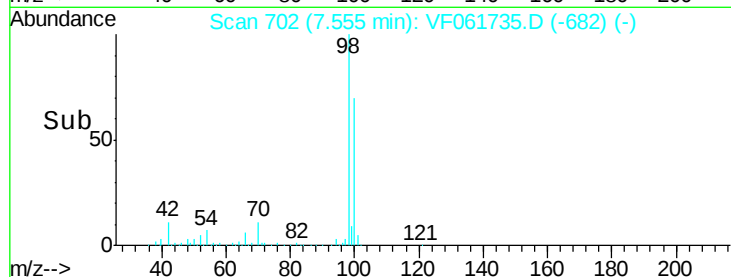
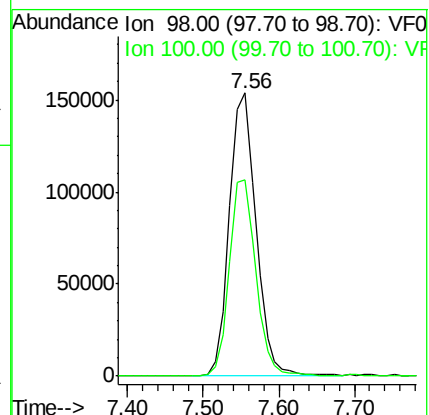
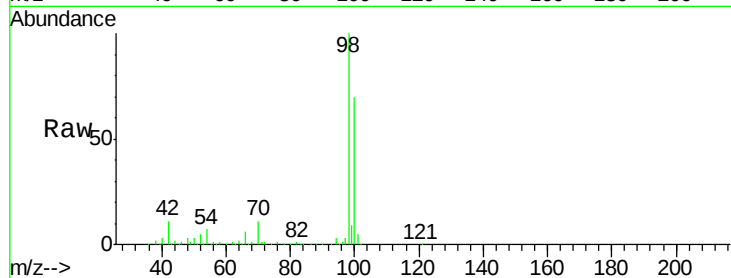
WV-B

Tot Ion: 98 Resp: 376740

Ion Ratio Lower Upper

98 100

100 69.5 55.4 83.2



#62

4-Bromofluorobenzene

Concen: 35.023 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF061735.D

Acq: 25 Feb 2019 17:34

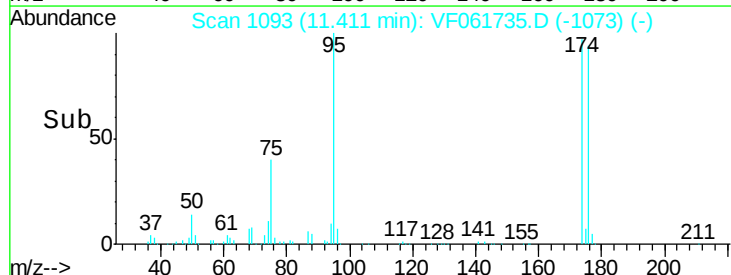
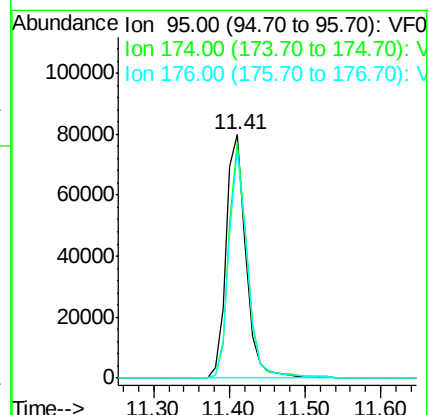
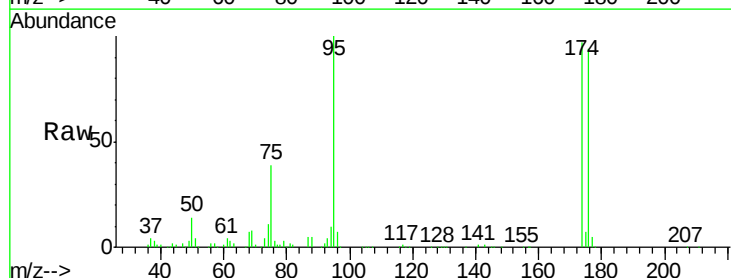
Tgt Ion: 95 Resp: 146448

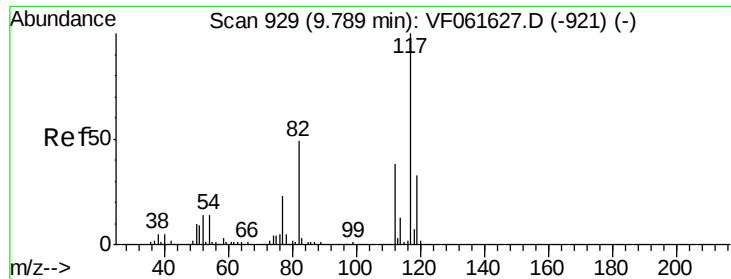
Ion Ratio Lower Upper

95 100

174 96.7 0.0 165.8

176 93.5 0.0 167.0

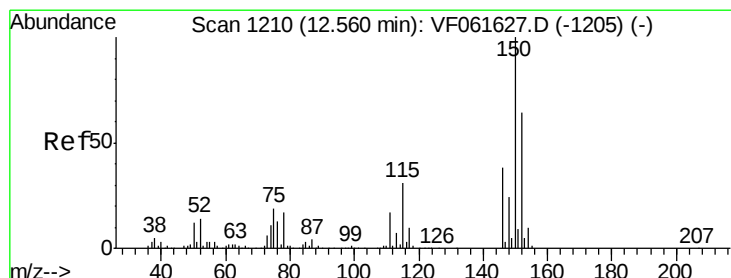
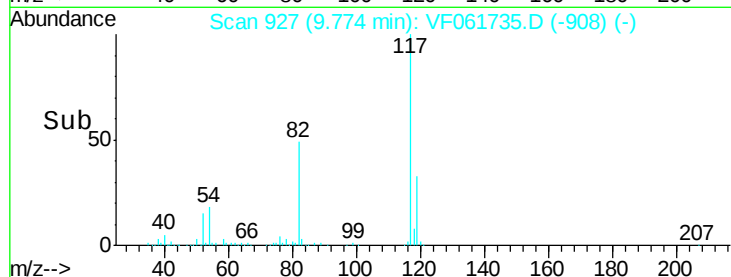
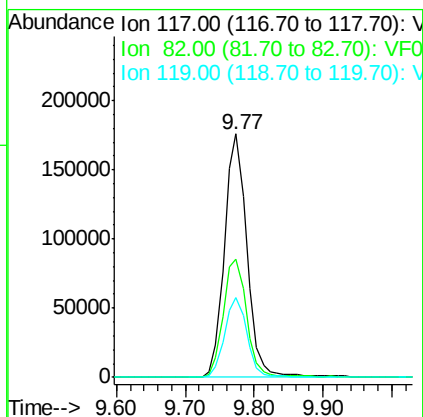
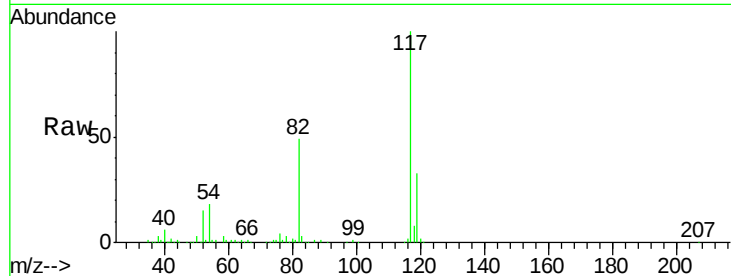




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF061735.D
Acq: 25 Feb 2019 17:34

Instrument :
MSVOA_F
ClientSampled :
WV-B

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.7	39.3	58.9
119	32.9	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061735.D
Acq: 25 Feb 2019 17:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	24.3	72.8
150	154.5	0.0	312.0

