

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022719\
 Data File : VF061769.D
 Acq On : 27 Feb 2019 16:35
 Operator : VA/AP
 Sample : K1645-07
 Misc : 4.44g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SR-9-S

Quant Time: Feb 28 00:59:09 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

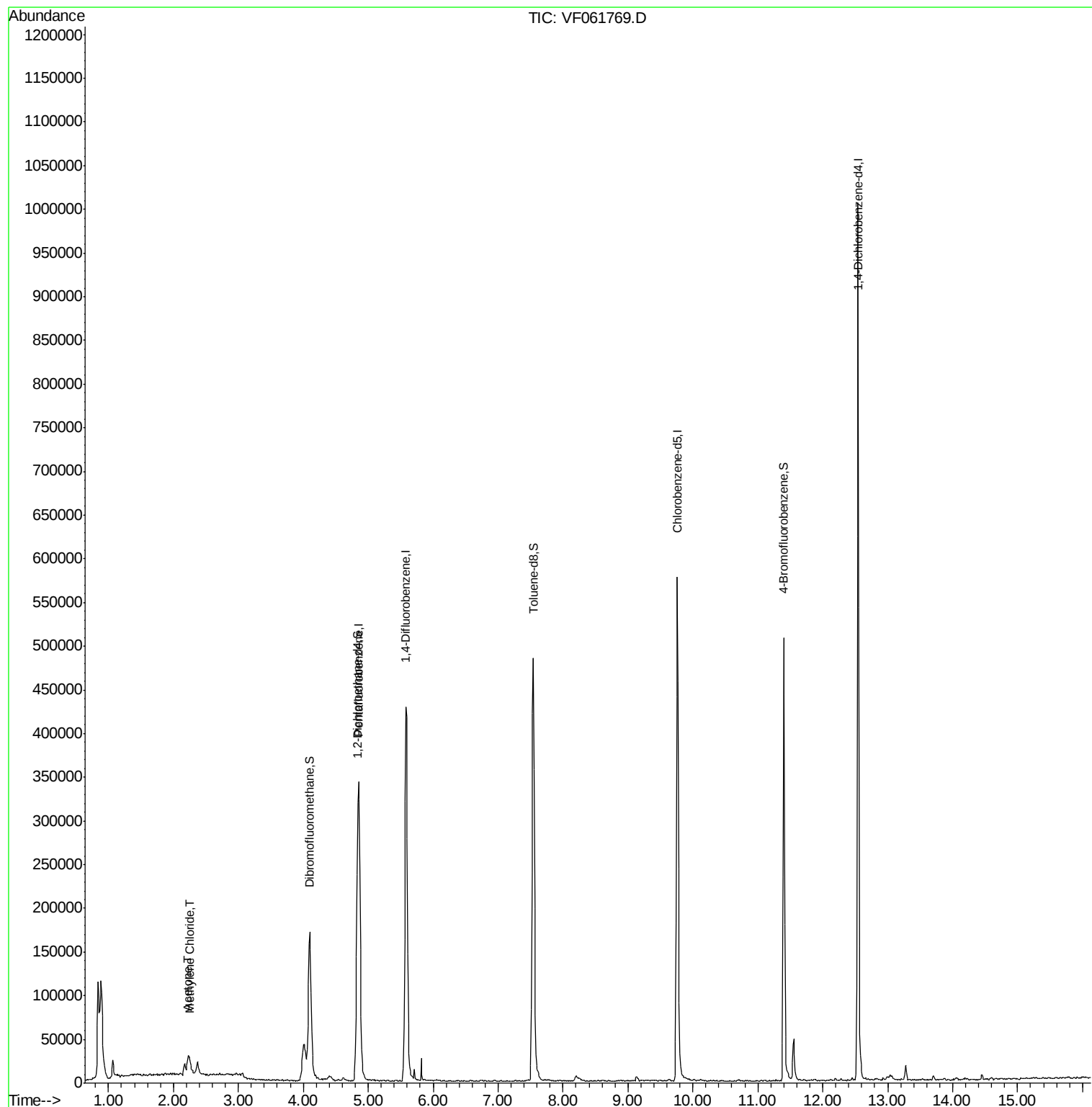
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	339074	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.59	114	538702	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	464506	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	276916	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	106831	42.96	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	85.92%	
35) Dibromofluoromethane	4.10	113	163534	40.88	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	81.76%	
50) Toluene-d8	7.54	98	435966	37.91	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	75.82%	
62) 4-Bromofluorobenzene	11.40	95	198717	42.71	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	85.42%	
Target Compounds						
16) Acetone	2.23	43	16477	30.885	ug/l #	83
20) Methylene Chloride	2.25	84	20011m	4.717	ug/l	

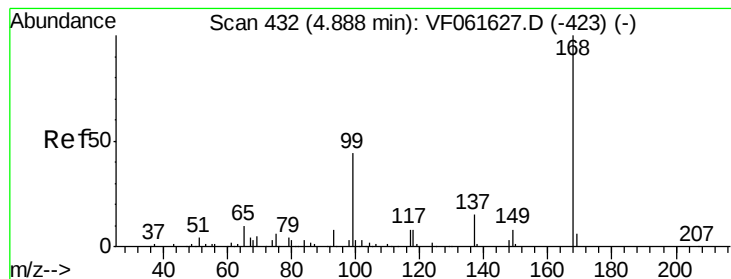
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. -0.03 min

Lab File: VF061769.D

Acq: 27 Feb 2019 16:35

Instrument :

MSVOA_F

ClientSampleId :

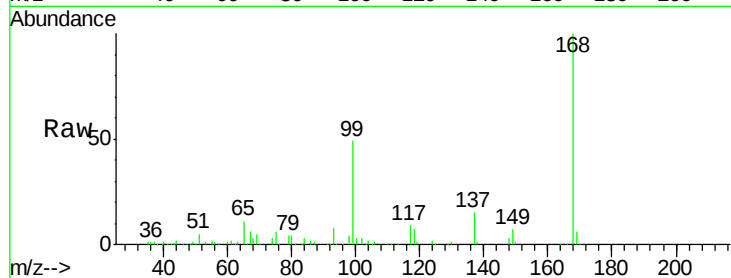
SR-9-S

Tot Ion:168 Resp: 339074

Ion Ratio Lower Upper

168 100

99 48.7 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

120000

100000

80000

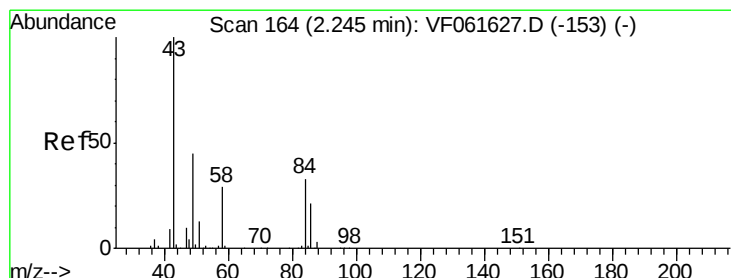
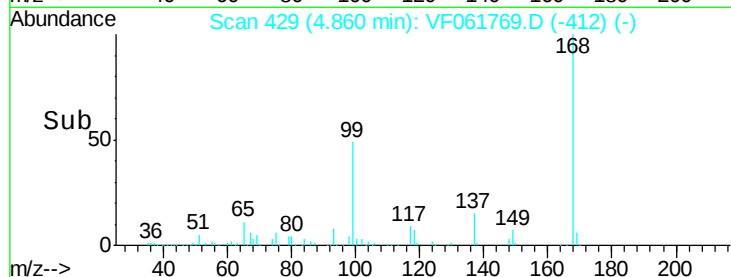
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 30.885 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.02 min

Lab File: VF061769.D

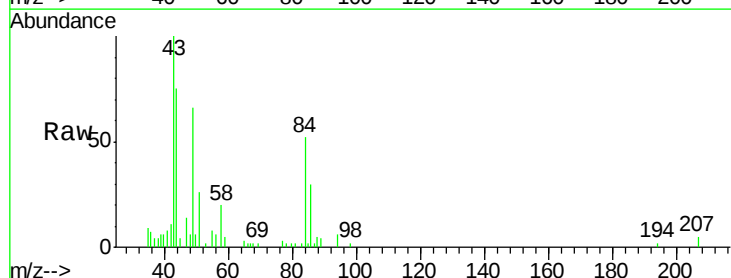
Acq: 27 Feb 2019 16:35

Tgt Ion: 43 Resp: 16477

Ion Ratio Lower Upper

43 100

58 19.7 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

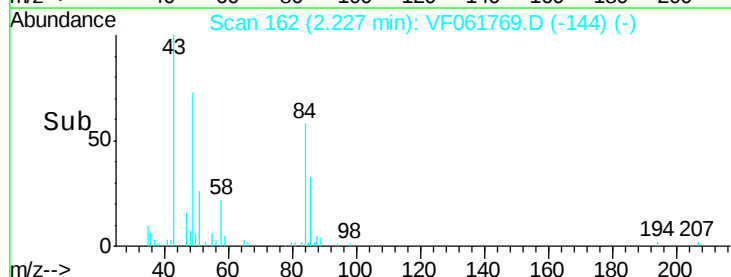
6000

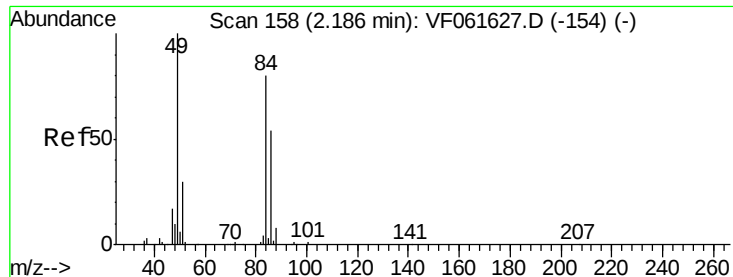
4000

2000

0

Time-->

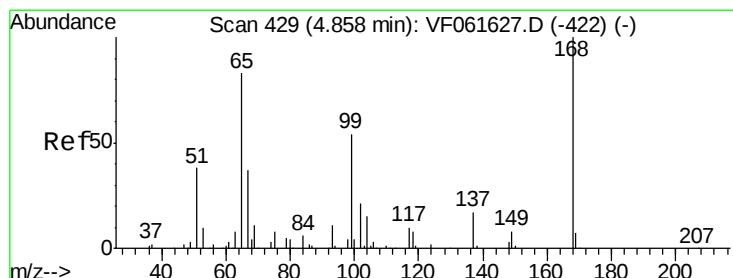
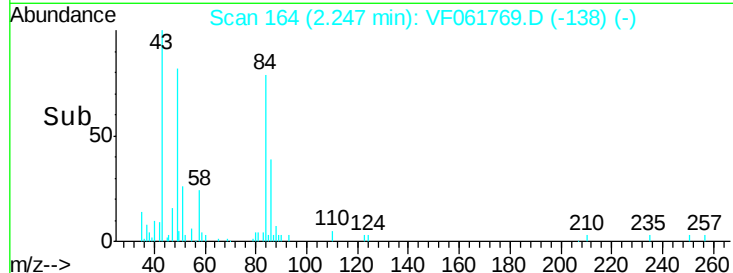
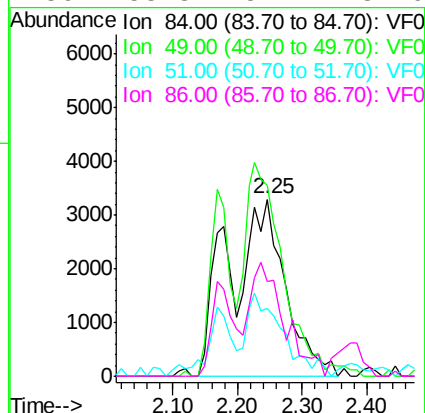
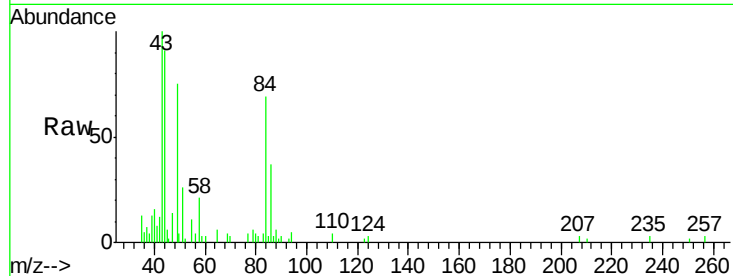




#20
Methvlene Chloride
Concen: 4.717 ug/l m
RT: 2.25 min Scan# 164
Delta R.T. 0.06 min
Lab File: VF061769.D
Acq: 27 Feb 2019 16:35

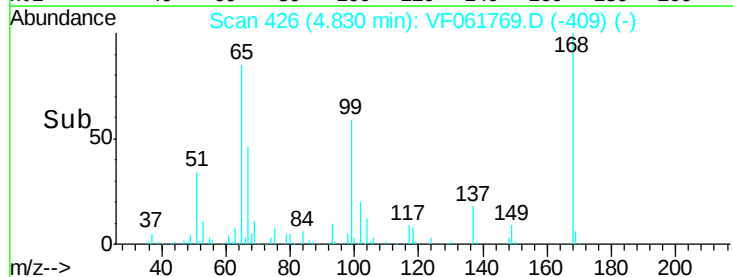
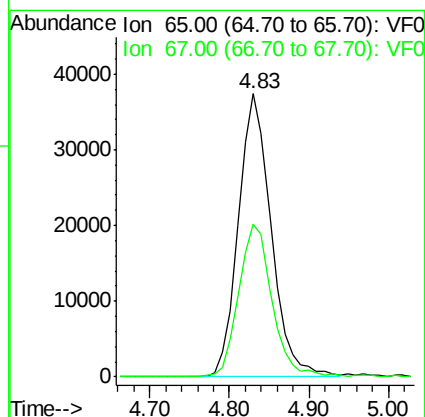
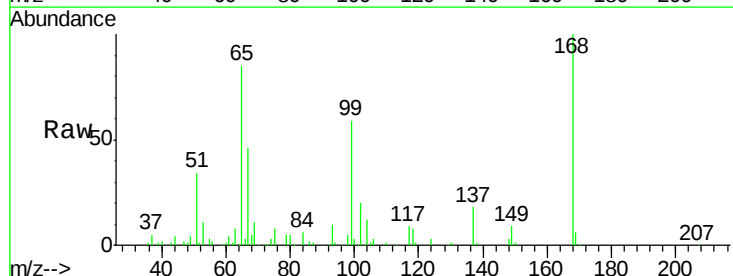
Instrument :
MSVOA_F
ClientSampleId :
SR-9-S

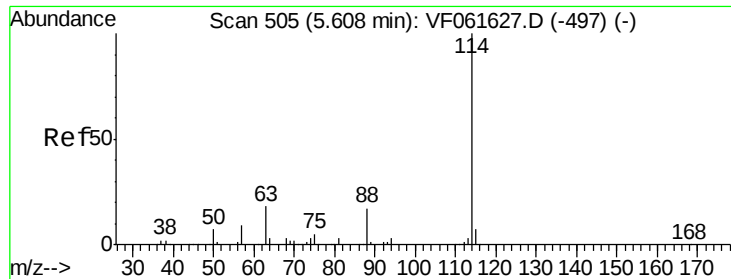
Tot Ion: 84 Resp: 20011
Ion Ratio Lower Upper
84 100
49 107.7 101.8 152.8
51 38.0 31.1 46.7
86 53.3 54.4 81.6#



#33
1,2-Dichloroethane-d4
Concen: 42.965 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.03 min
Lab File: VF061769.D
Acq: 27 Feb 2019 16:35

Tgt Ion: 65 Resp: 106831
Ion Ratio Lower Upper
65 100
67 53.8 0.0 104.0

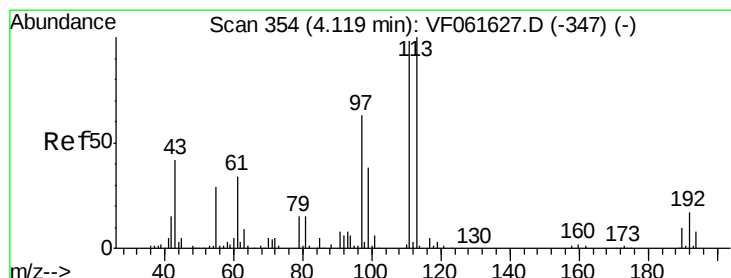
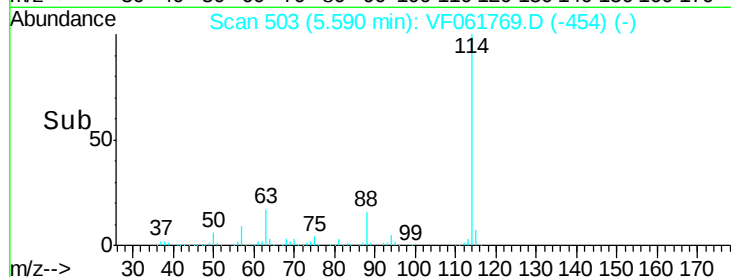
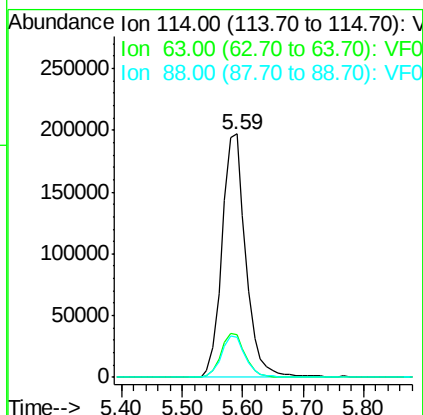
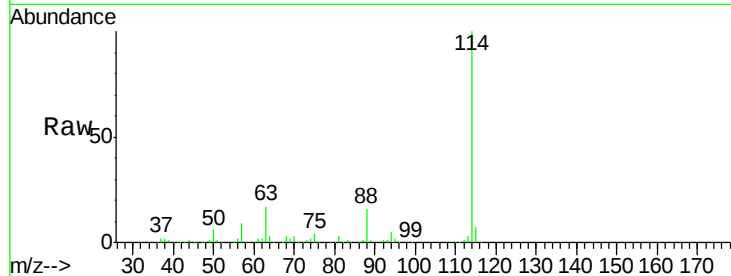




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.02 min
Lab File: VF061769.D
Acq: 27 Feb 2019 16:35

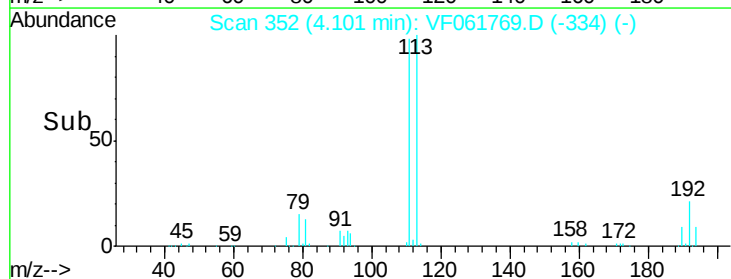
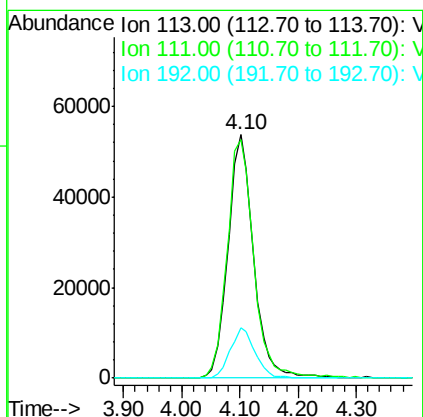
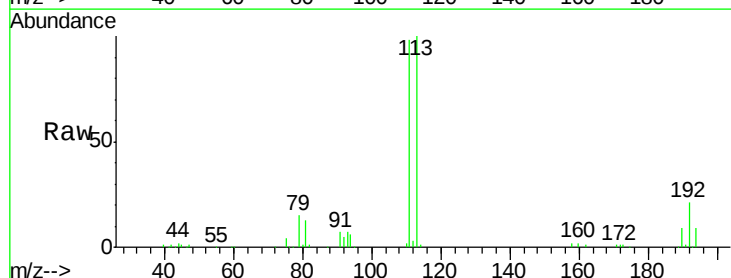
Instrument :
MSVOA_F
ClientSampleId :
SR-9-S

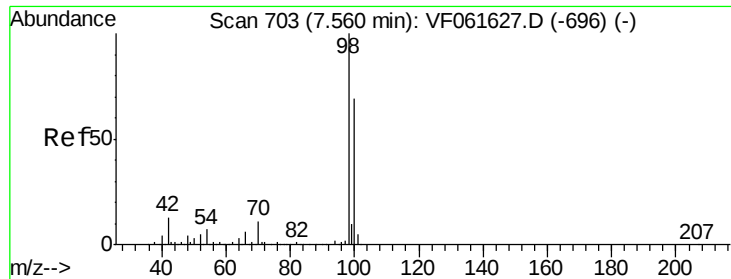
Tot Ion:114 Resp: 538702
Ion Ratio Lower Upper
114 100
63 17.3 0.0 36.6
88 16.4 0.0 34.4



#35
Dibromofluoromethane
Concen: 40.879 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.02 min
Lab File: VF061769.D
Acq: 27 Feb 2019 16:35

Tgt Ion:113 Resp: 163534
Ion Ratio Lower Upper
113 100
111 98.2 78.8 118.2
192 20.5 13.4 20.0#

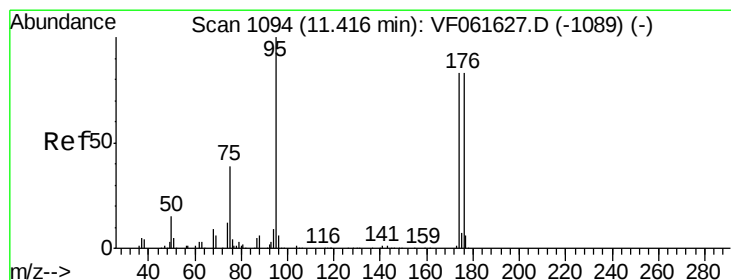
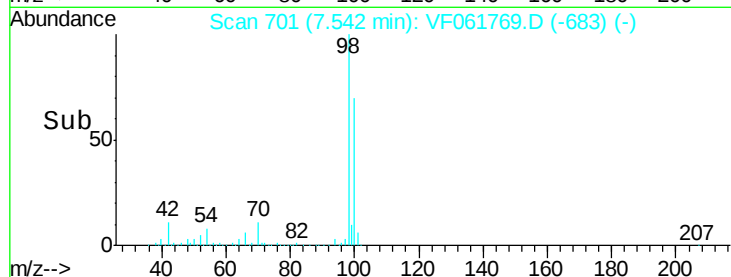
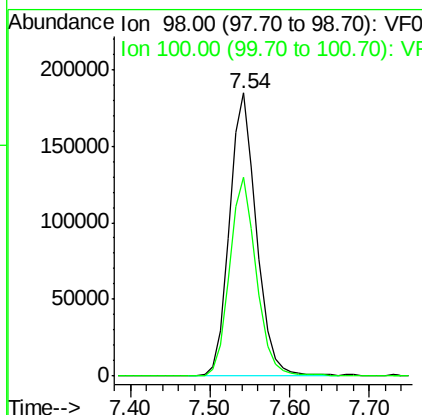
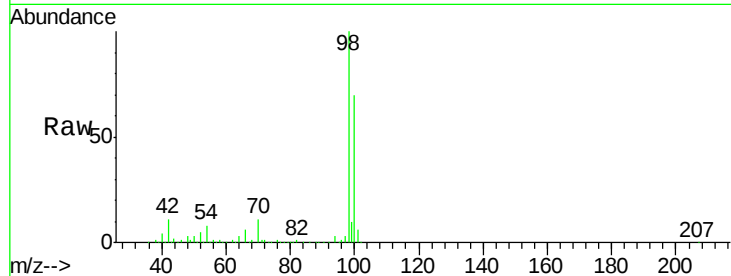




#50
Toluene-d8
Concen: 37.910 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF061769.D
Acq: 27 Feb 2019 16:35

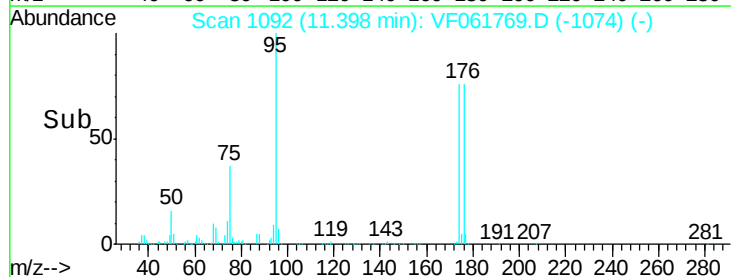
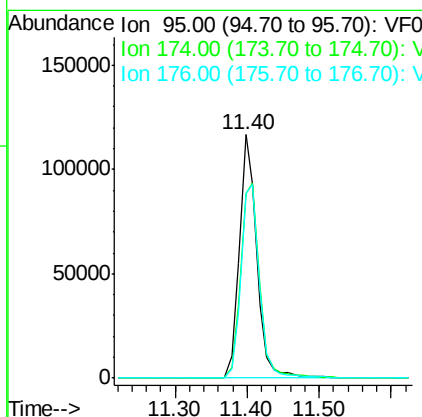
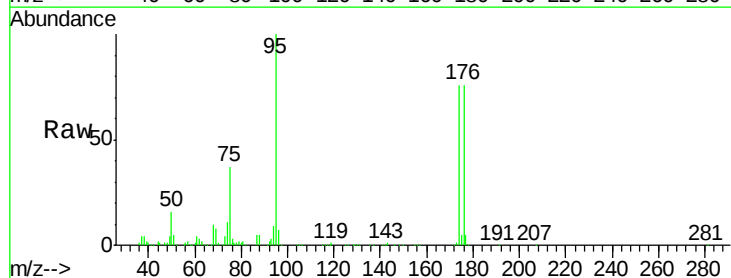
Instrument :
MSVOA_F
ClientSampleId :
SR-9-S

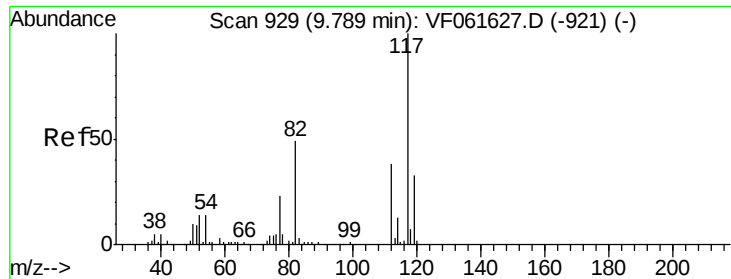
Tot Ion: 98 Resp: 435966
Ion Ratio Lower Upper
98 100
100 70.0 55.4 83.2



#62
4-Bromofluorobenzene
Concen: 42.706 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061769.D
Acq: 27 Feb 2019 16:35

Tgt Ion: 95 Resp: 198717
Ion Ratio Lower Upper
95 100
174 75.7 0.0 165.8
176 76.0 0.0 167.0

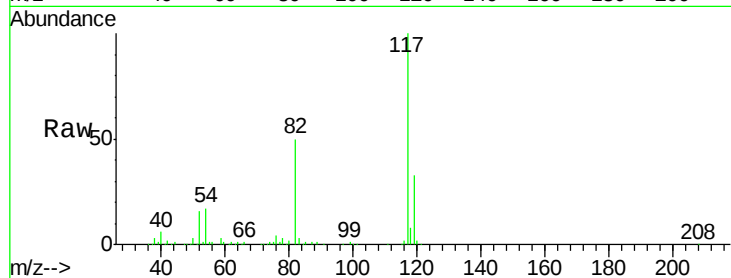




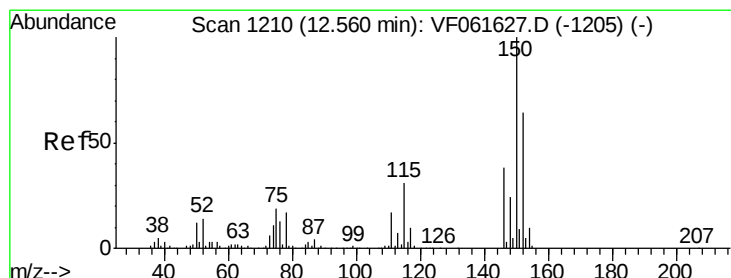
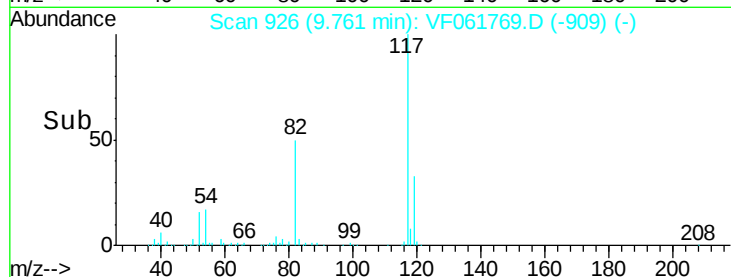
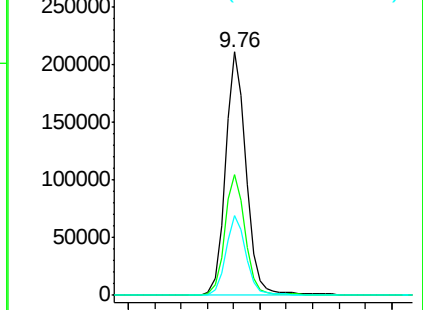
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF061769.D
Acq: 27 Feb 2019 16:35

Instrument :
MSVOA_F
ClientSampled :
SR-9-S

Tot Ion:117 Resp: 464506
Ion Ratio Lower Upper
117 100
82 49.8 39.3 58.9
119 32.8 26.6 40.0

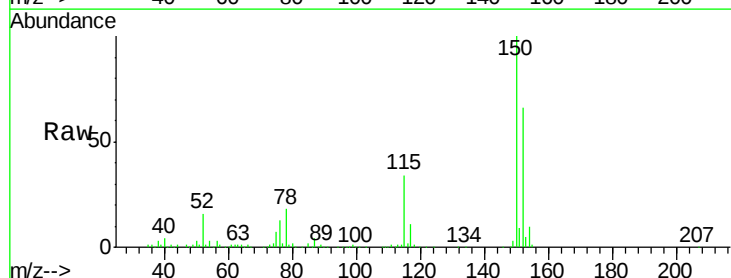


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF061769.D
Acq: 27 Feb 2019 16:35

Tgt Ion:152 Resp: 276916
Ion Ratio Lower Upper
152 100
115 51.6 24.3 72.8
150 152.4 0.0 312.0



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

