

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022519\
 Data File : VF061724.D
 Acq On : 25 Feb 2019 12:05
 Operator : VA/AP
 Sample : VF0225SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0225SBL01

Quant Time: Feb 26 04:35:54 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

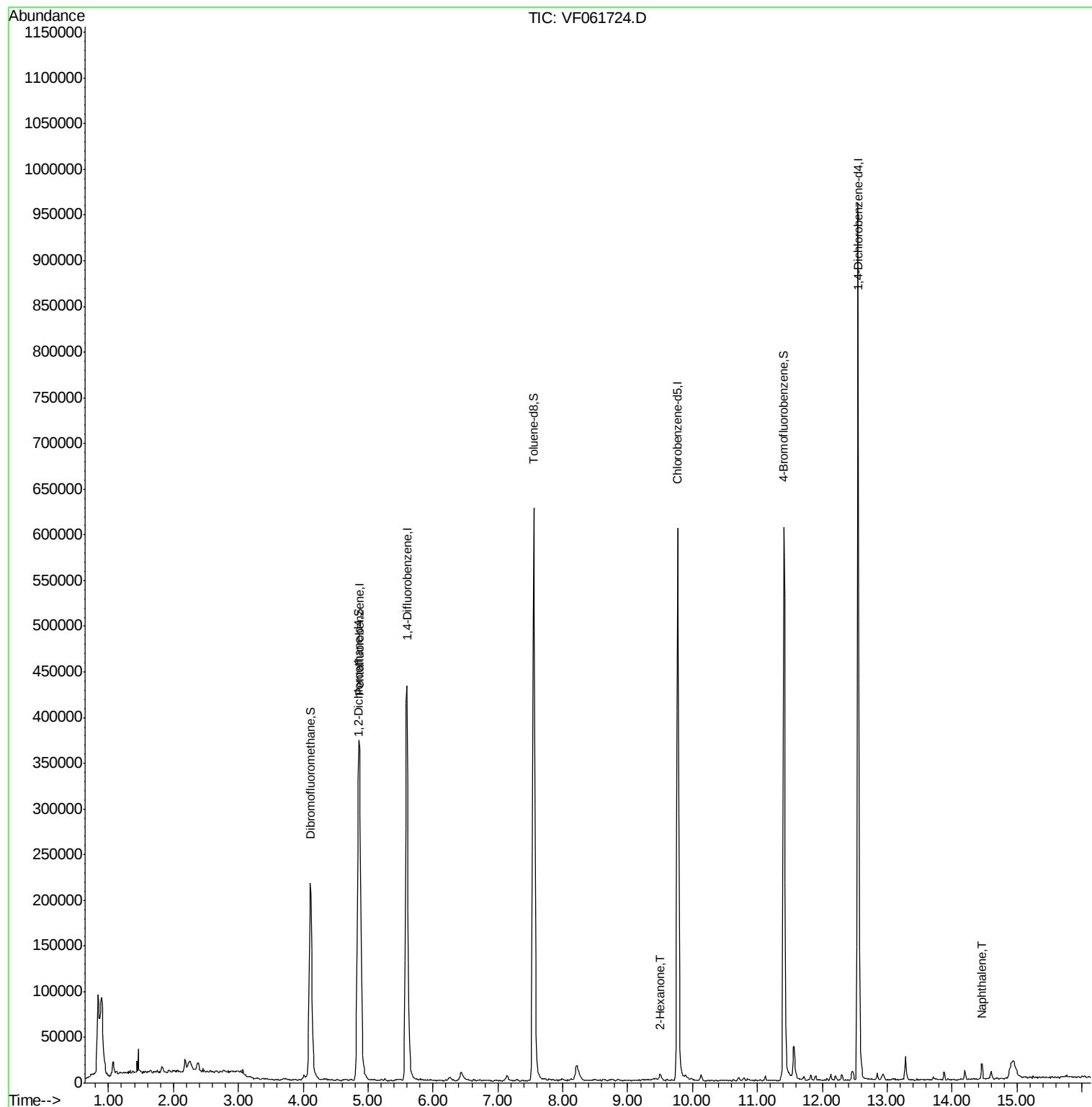
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	356271	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.60	114	550436	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	486094	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	280452	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	141319	54.09	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	108.18%	
35) Dibromofluoromethane	4.11	113	214537	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.98%	
50) Toluene-d8	7.55	98	565624	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
62) 4-Bromofluorobenzene	11.41	95	237446	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
Target Compounds						
59) 2-Hexanone	9.49	43	6827	4.547	ug/l	93
95) Naphthalene	14.45	128	12821	1.118	ug/l	97

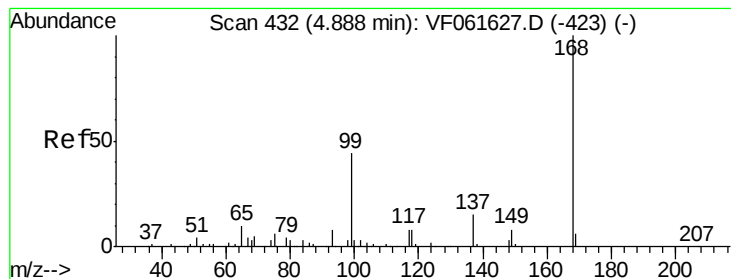
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: 4.87 min Scan# 430

Delta R.T. -0.02 min

Lab File: VF061724.D

Acq: 25 Feb 2019 12:05

Instrument :

MSVOA_F

ClientSampleId :

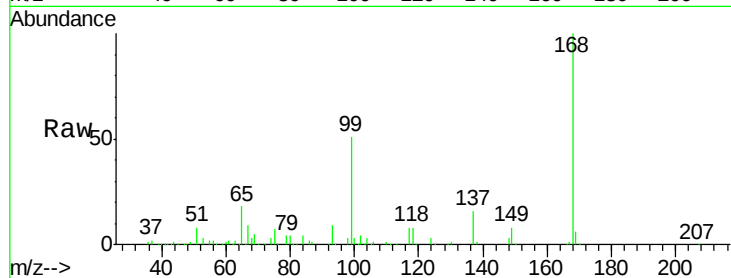
VF0225SBL01

Tot Ion:168 Resp: 356271

Ion Ratio Lower Upper

168 100

99 51.0 34.9 52.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

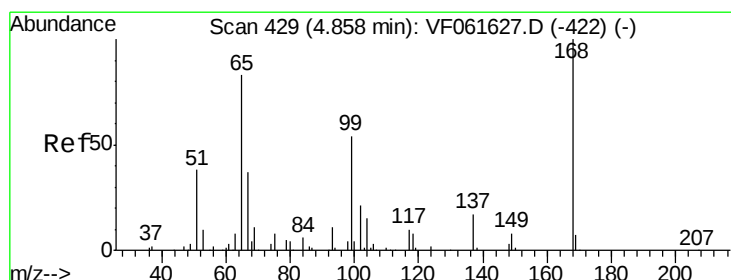
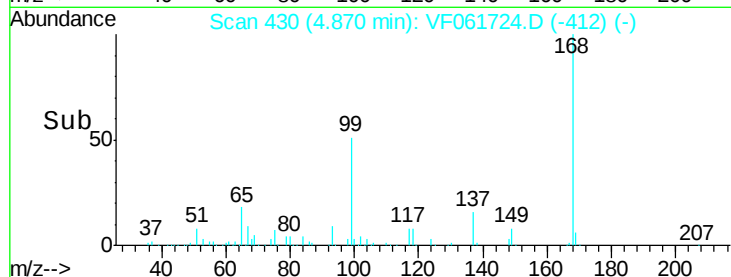
4.87

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.092 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.02 min

Lab File: VF061724.D

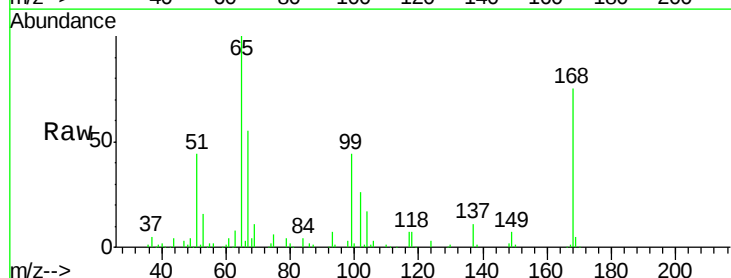
Acq: 25 Feb 2019 12:05

Tgt Ion: 65 Resp: 141319

Ion Ratio Lower Upper

65 100

67 54.8 0.0 104.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.84

50000

40000

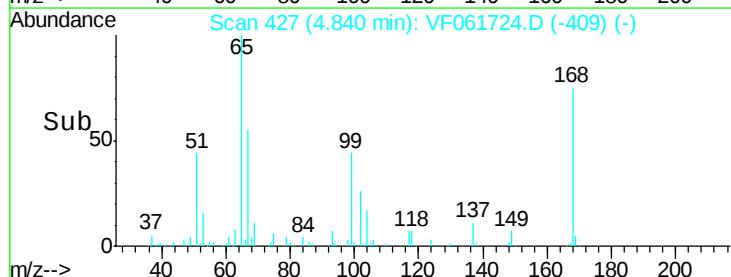
30000

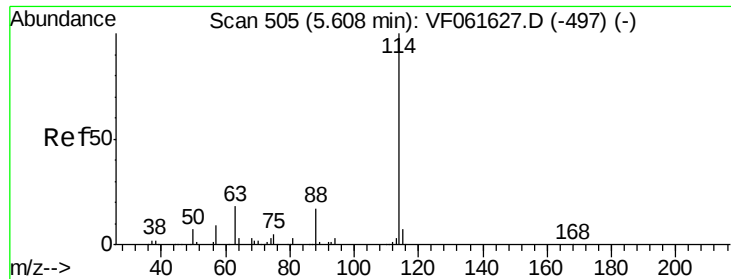
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.01 min

Lab File: VF061724.D

Acq: 25 Feb 2019 12:05

Instrument :

MSVOA_F

ClientSampleId :

VF0225SBL01

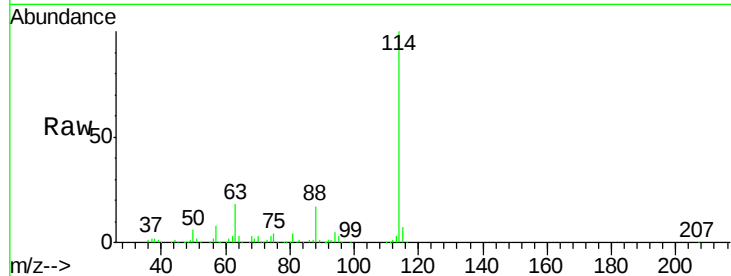
Tot Ion:114 Resp: 550436

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.6

88 17.3 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

250000

200000

150000

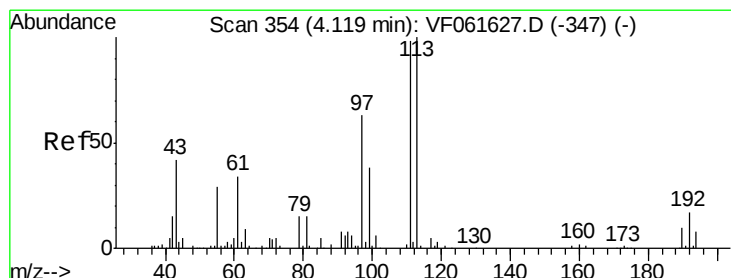
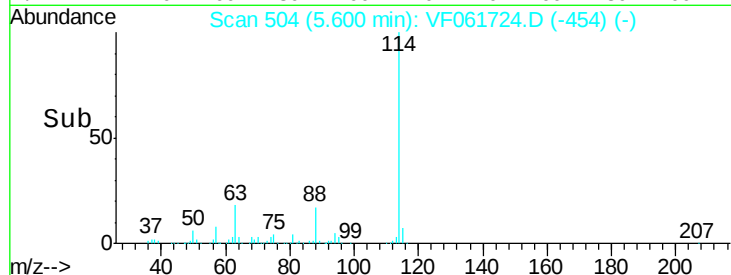
100000

50000

0

5.40 5.50 5.60 5.70 5.80

Time-->



#35

Dibromofluoromethane

Concen: 52.485 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.01 min

Lab File: VF061724.D

Acq: 25 Feb 2019 12:05

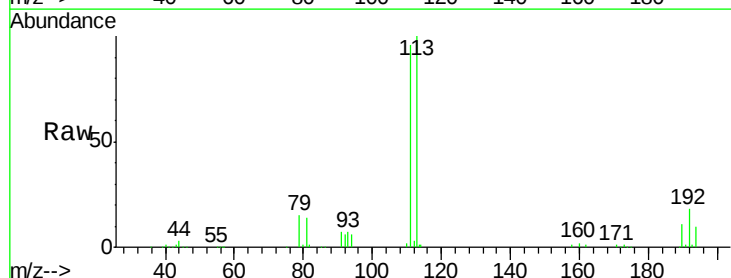
Tgt Ion:113 Resp: 214537

Ion Ratio Lower Upper

113 100

111 95.9 78.8 118.2

192 18.8 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

80000

60000

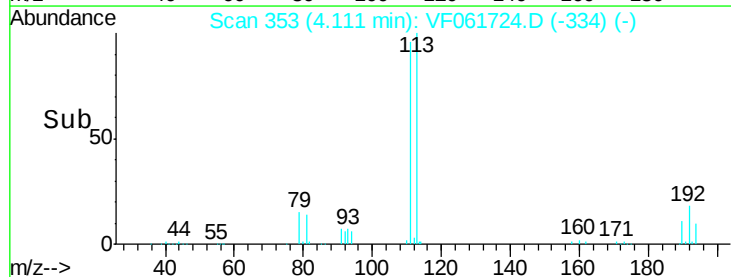
40000

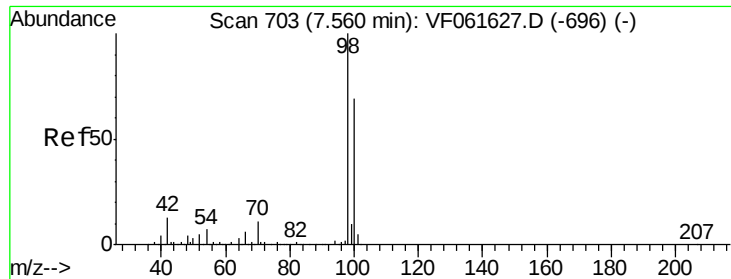
20000

0

3.90 4.00 4.10 4.20 4.30

Time-->

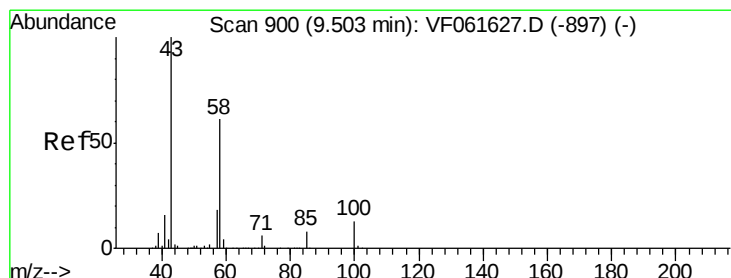
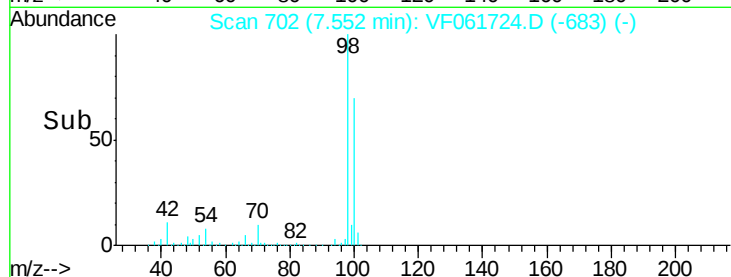
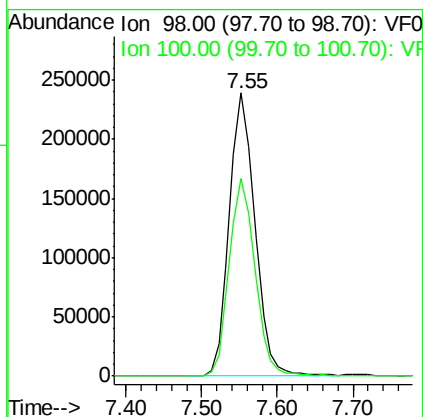
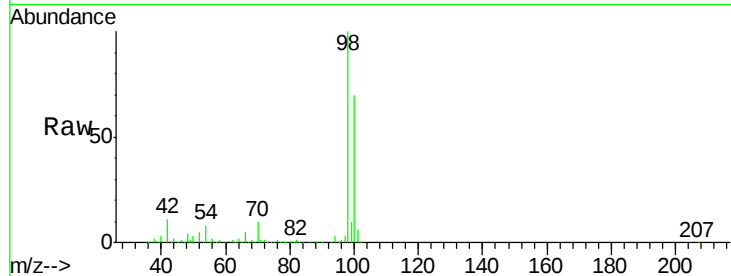




#50
Toluene-d8
Concen: 48.136 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF061724.D
Acq: 25 Feb 2019 12:05

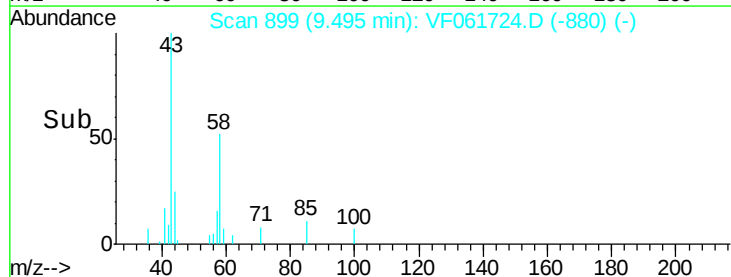
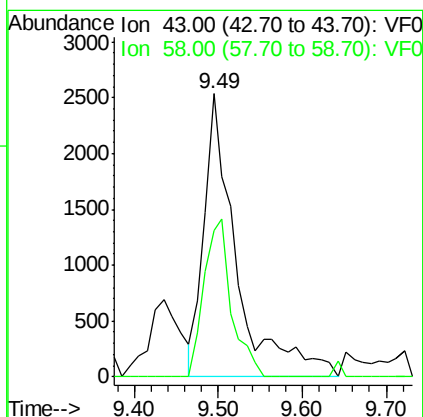
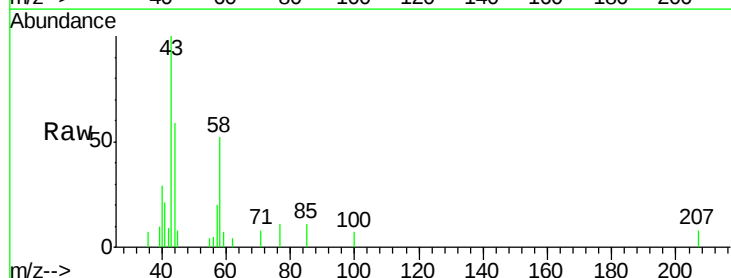
Instrument :
MSVOA_F
ClientSampleId :
VF0225SBL01

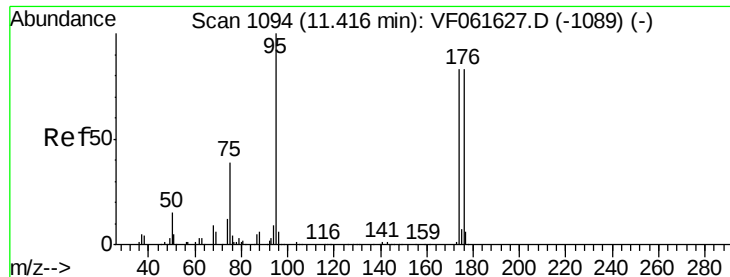
Tot Ion: 98 Resp: 565624
Ion Ratio Lower Upper
98 100
100 69.6 55.4 83.2



#59
2-Hexanone
Concen: 4.547 ug/l
RT: 9.49 min Scan# 899
Delta R.T. -0.01 min
Lab File: VF061724.D
Acq: 25 Feb 2019 12:05

Tgt Ion: 43 Resp: 6827
Ion Ratio Lower Upper
43 100
58 51.9 28.5 85.5

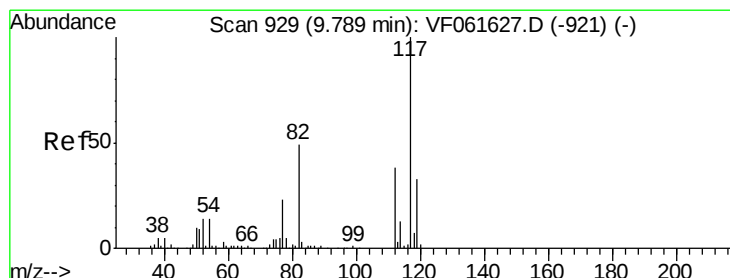
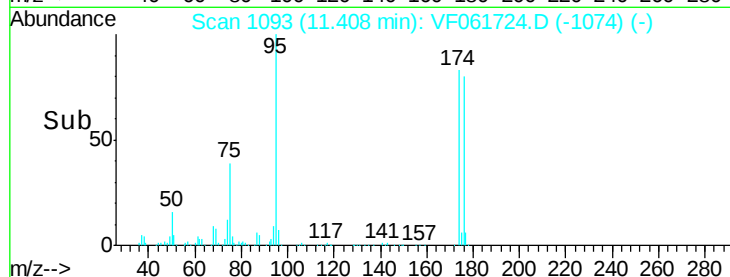
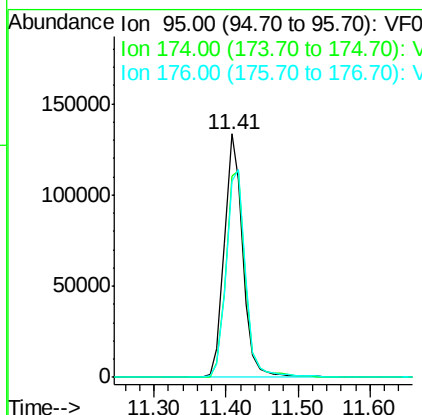
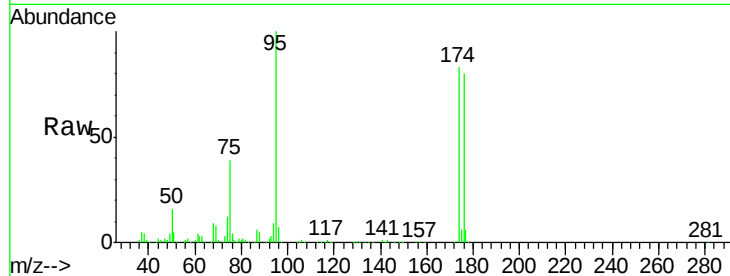




#62
4-Bromofluorobenzene
Concen: 49.941 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF061724.D
Acq: 25 Feb 2019 12:05

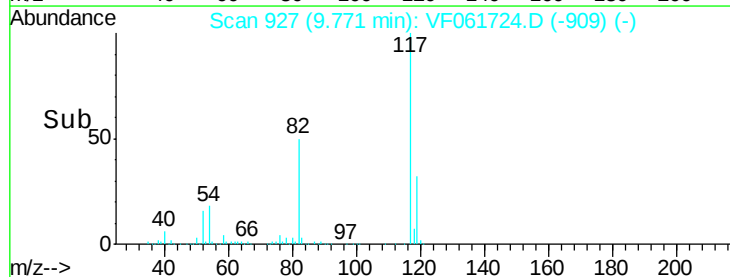
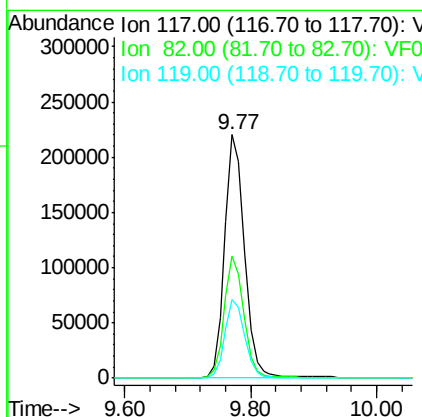
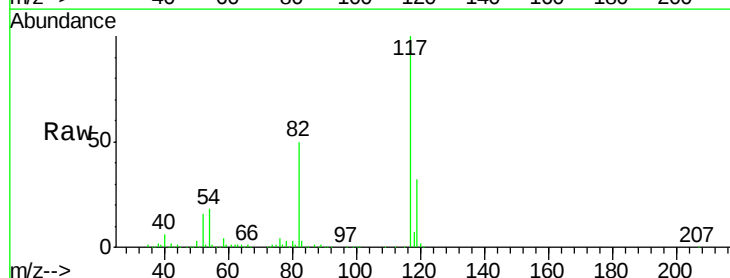
Instrument :
MSVOA_F
ClientSampleId :
VF0225SBL01

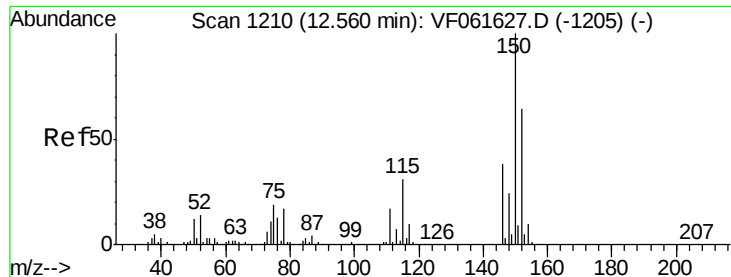
Tot Ion: 95 Resp: 237446
Ion Ratio Lower Upper
95 100
174 82.7 0.0 165.8
176 80.4 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.02 min
Lab File: VF061724.D
Acq: 25 Feb 2019 12:05

Tgt Ion: 117 Resp: 486094
Ion Ratio Lower Upper
117 100
82 49.9 39.3 58.9
119 32.5 26.6 40.0



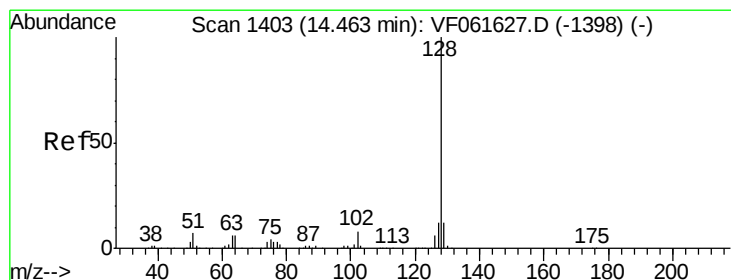
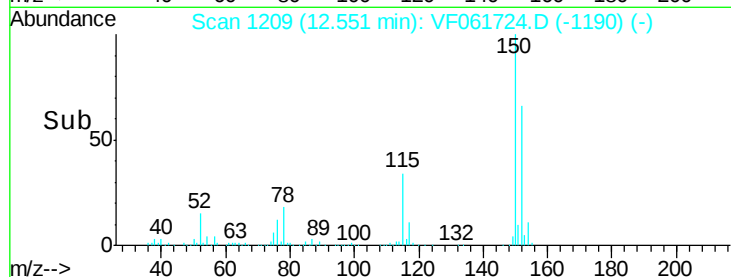
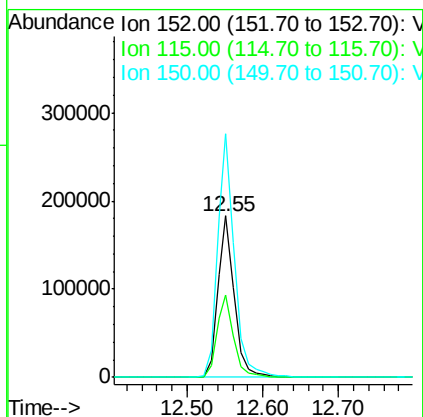
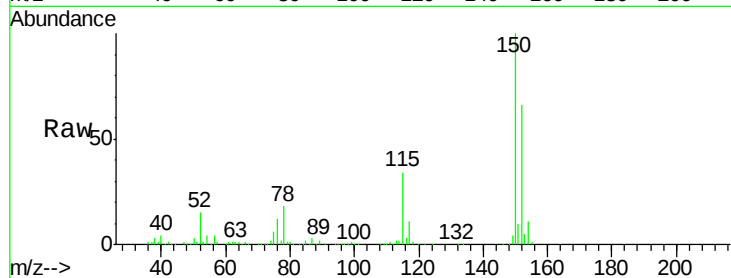


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF061724.D
Acq: 25 Feb 2019 12:05

Instrument :
MSVOA_F
ClientSampleId :
VF0225SBL01

Tot Ion	Ratio	Lower	Upper
152	100		
115	51.1	24.3	72.8
150	150.9	0.0	312.0



#95

Naphthalene
Concen: 1.118 ug/l
RT: 14.45 min Scan# 1402
Delta R.T. -0.01 min
Lab File: VF061724.D
Acq: 25 Feb 2019 12:05

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.3	9.8	14.6
129	10.6	9.4	14.2

