

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031619\
 Data File : VF061979.D
 Acq On : 16 Mar 2019 17:01
 Operator : VA/AP
 Sample : VF0316SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0316SBL01

Quant Time: Mar 18 07:40:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 18 07:28:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	261848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	410538	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	301897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	180326	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	95981	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
35) Dibromofluoromethane	4.11	113	142447	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
50) Toluene-d8	7.56	98	386055	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
62) 4-Bromofluorobenzene	11.41	95	144313	45.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.16%	

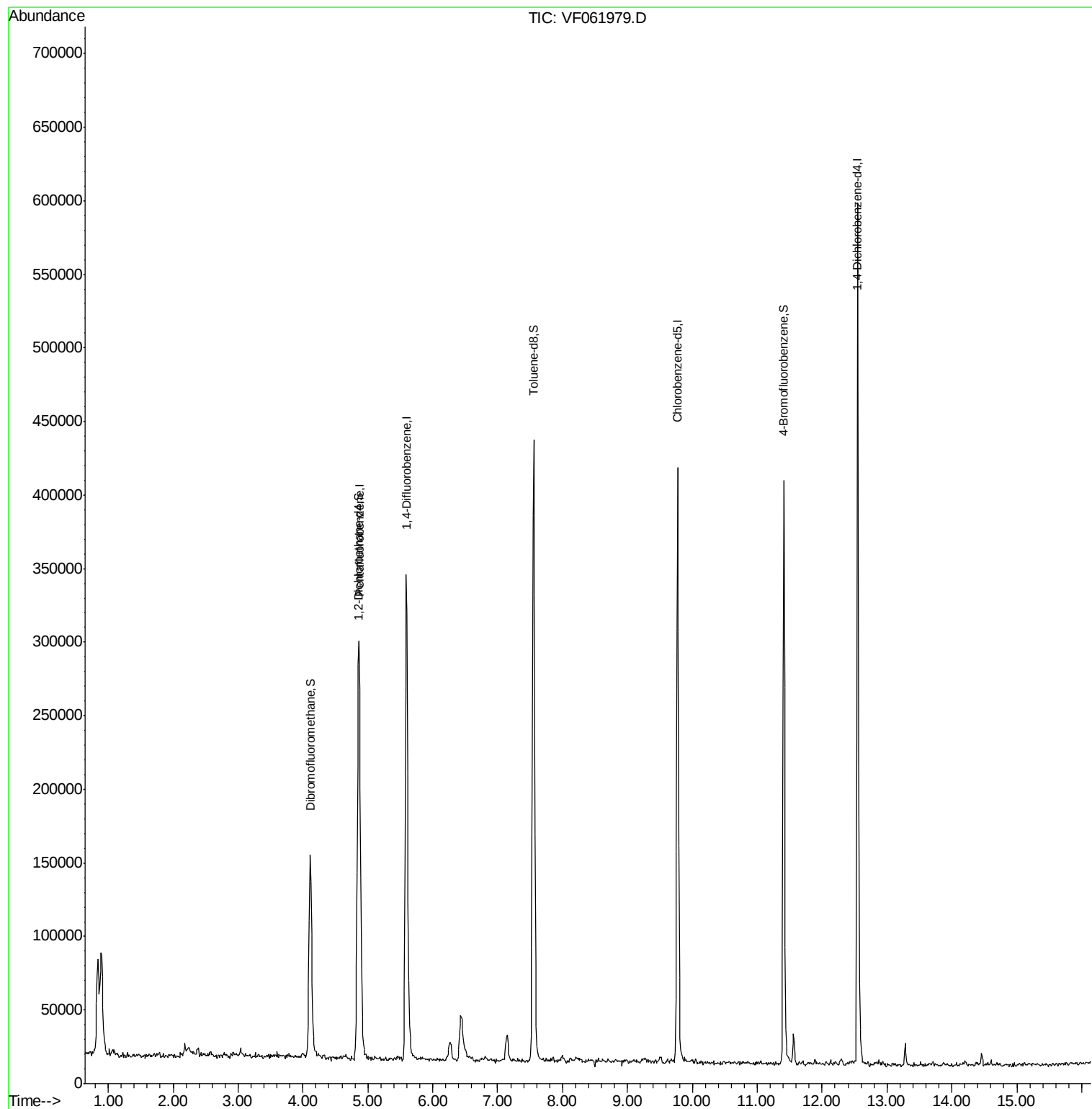
Target Compounds	Qvalue

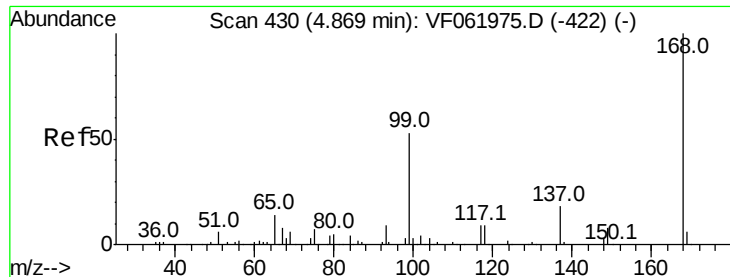
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF031619\
Data File : VF061979.D
Acq On : 16 Mar 2019 17:01
Operator : VA/AP
Sample : VF0316SBL01
Misc : 5.00µ/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0316SBL01

Quant Time: Mar 18 07:40:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 18 07:28:40 2019
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: VF061979.D

Acq: 16 Mar 2019 17:01

Instrument :

MSVOA_F

ClientSampleId :

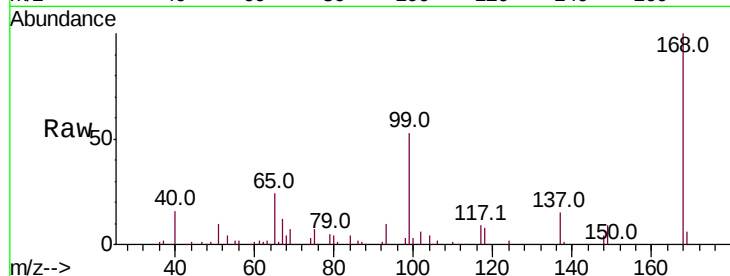
VF0316SBL01

Tot Ion:168 Resp: 261848

Ion Ratio Lower Upper

168 100

99 52.8 42.4 63.6

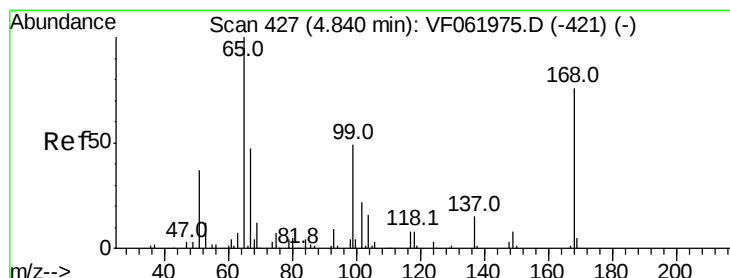
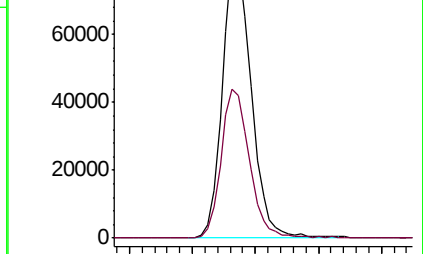
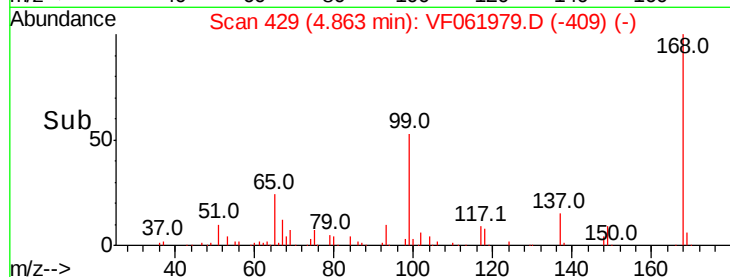


Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.921 ug/l

RT: 4.84 min Scan# 427

Delta R.T. 0.00 min

Lab File: VF061979.D

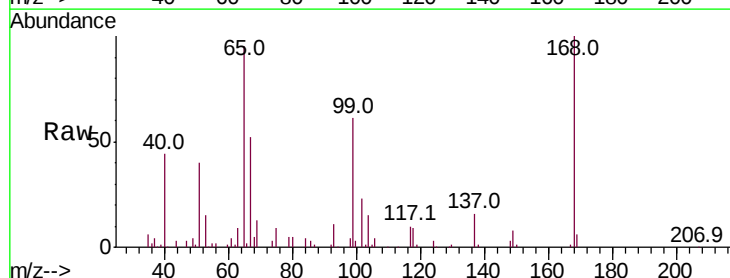
Acq: 16 Mar 2019 17:01

Tgt Ion: 65 Resp: 95981

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.4

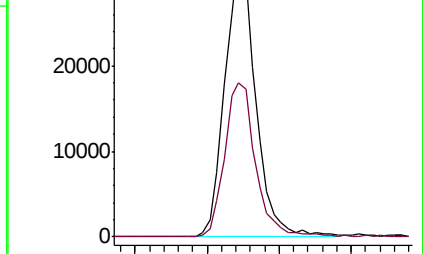
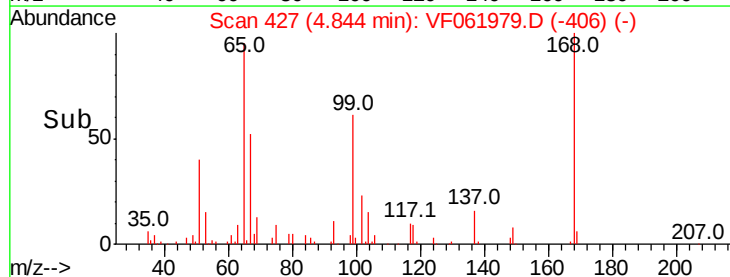


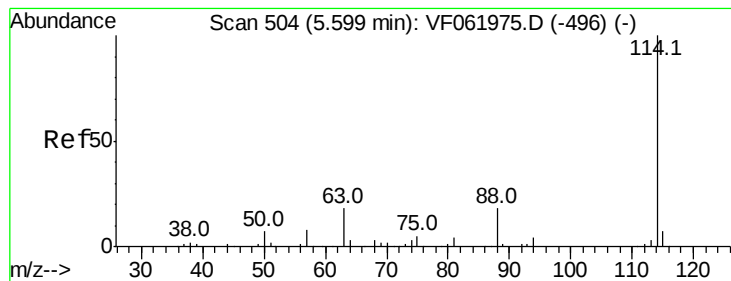
Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.84

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.01 min

Lab File: VF061979.D

Acq: 16 Mar 2019 17:01

Instrument :

MSVOA_F

ClientSampleId :

VF0316SBL01

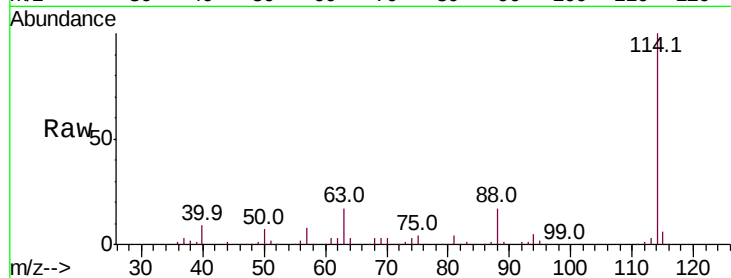
Tot Ion:114 Resp: 410538

Ion Ratio Lower Upper

114 100

63 17.1 0.0 36.4

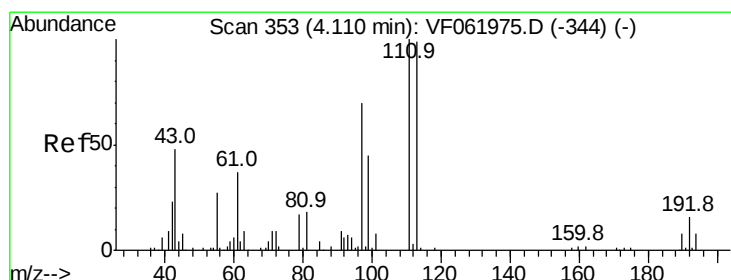
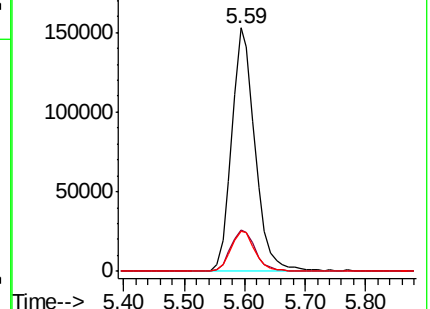
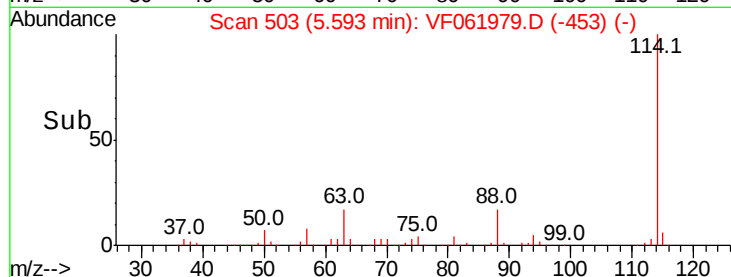
88 16.6 0.0 36.4



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: 51.670 ug/l

RT: 4.11 min Scan# 353

Delta R.T. 0.00 min

Lab File: VF061979.D

Acq: 16 Mar 2019 17:01

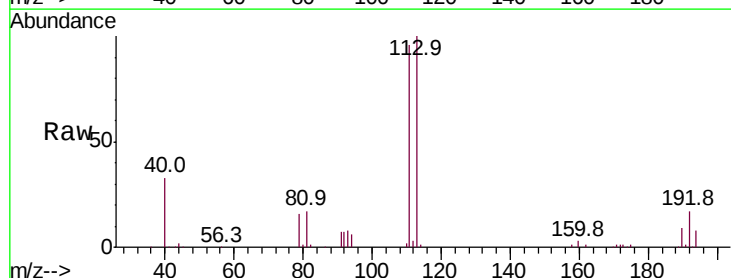
Tgt Ion:113 Resp: 142447

Ion Ratio Lower Upper

113 100

111 96.0 80.8 121.2

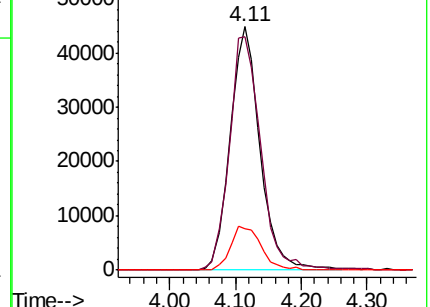
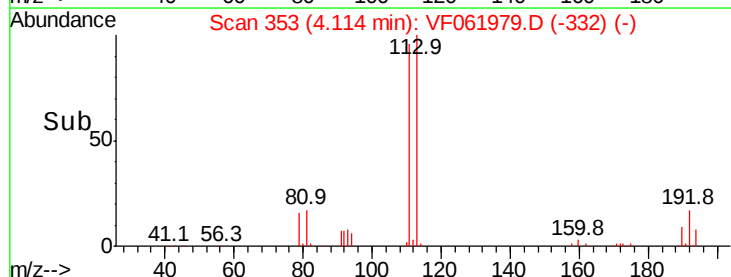
192 16.9 13.0 19.6

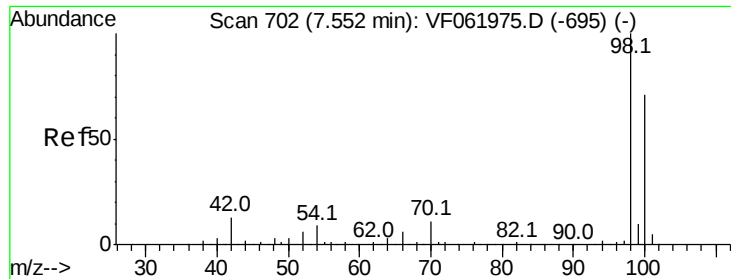


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

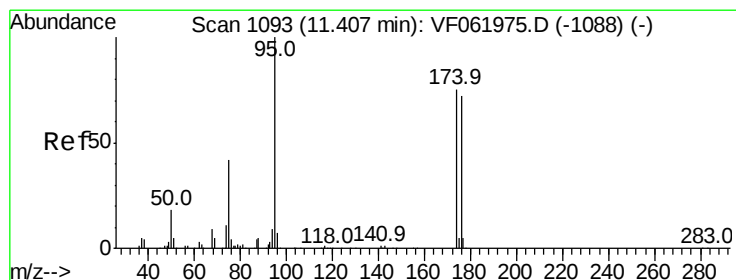
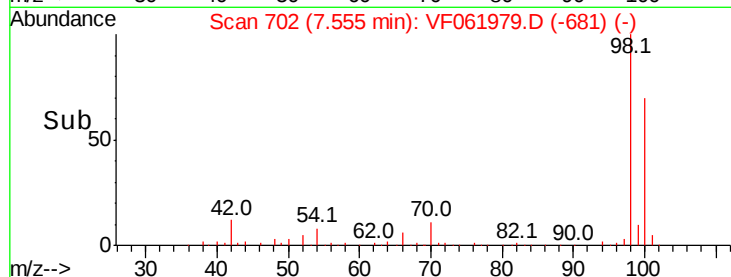
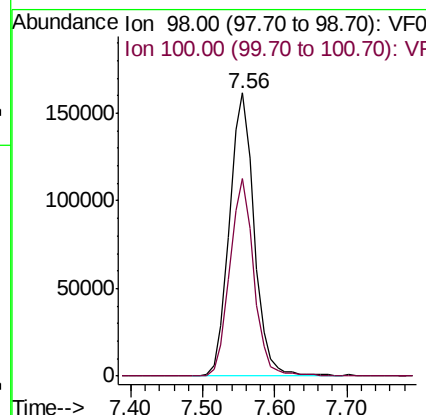
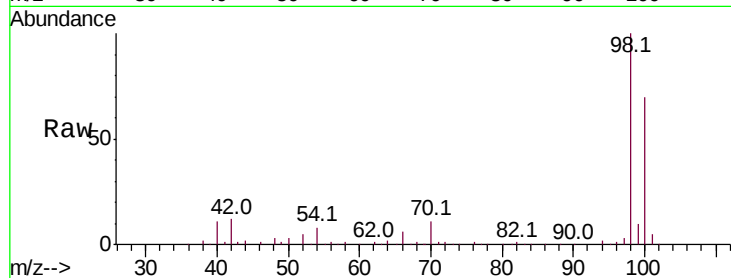




#50
Toluene-d8
Concen: 47.903 ug/l
RT: 7.56 min Scan# 702
Delta R.T. 0.00 min
Lab File: VF061979.D
Acq: 16 Mar 2019 17:01

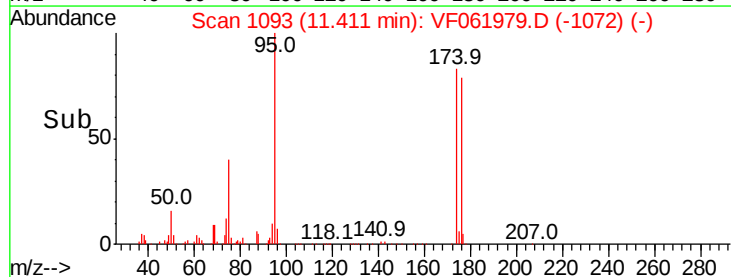
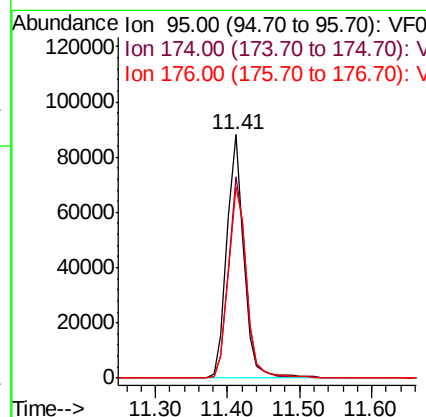
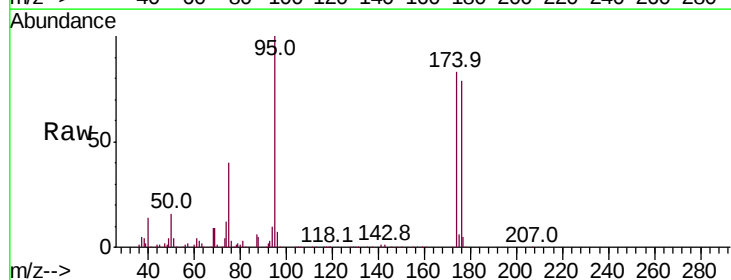
Instrument :
MSVOA_F
ClientSampleId :
VF0316SBL01

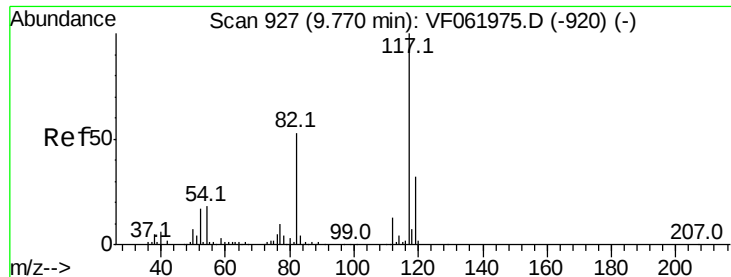
Tot Ion: 98 Resp: 386055
Ion Ratio Lower Upper
98 100
100 69.9 56.8 85.2



#62
4-Bromofluorobenzene
Concen: 45.076 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VF061979.D
Acq: 16 Mar 2019 17:01

Tgt Ion: 95 Resp: 144313
Ion Ratio Lower Upper
95 100
174 83.0 0.0 149.4
176 78.8 0.0 143.4

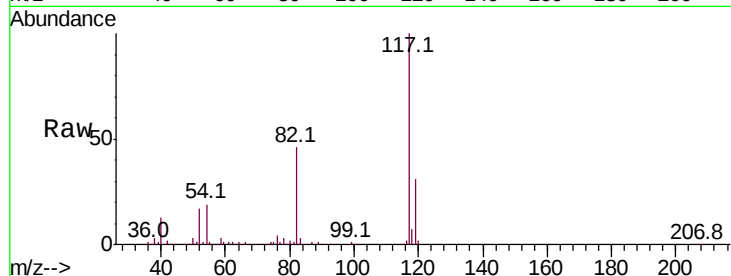




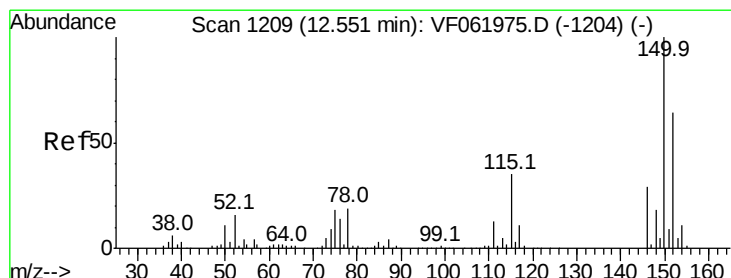
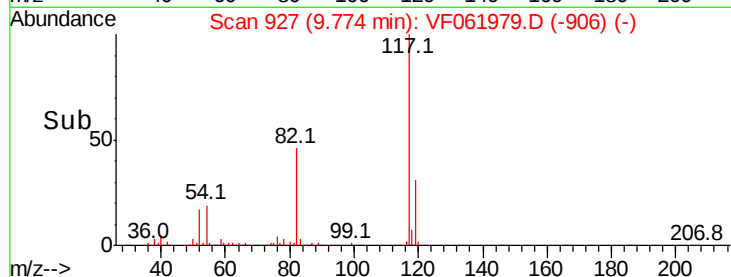
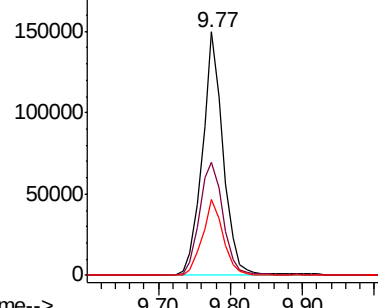
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. 0.00 min
Lab File: VF061979.D
Acq: 16 Mar 2019 17:01

Instrument :
MSVOA_F
ClientSampleId :
VF0316SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	46.3	42.5	63.7
119	31.2	25.4	38.0

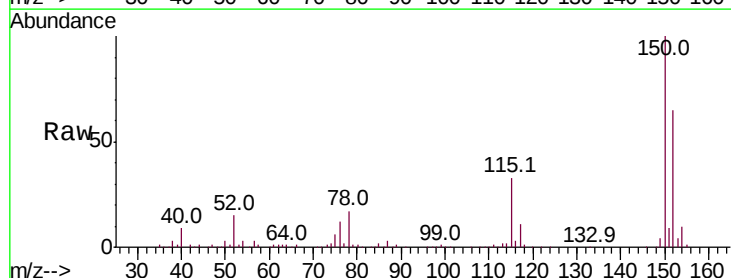


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF061979.D
Acq: 16 Mar 2019 17:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	49.9	27.3	81.9
150	152.7	0.0	316.2



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

