

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031619\
 Data File : VF061983.D
 Acq On : 16 Mar 2019 18:57
 Operator : VA/AP
 Sample : K1861-02
 Misc : 5.10g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BF-07-031119

Manual Integrations
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Quant Time: Mar 18 07:54:36 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	230141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	361925	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	304725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	167350	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	73605	44.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.86%	
35) Dibromofluoromethane	4.10	113	114311	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
50) Toluene-d8	7.55	98	304790	42.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.80%	
62) 4-Bromofluorobenzene	11.41	95	131826	46.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.42%	
Target Compounds						
20) Methylene Chloride	2.17	84	10326m	5.392	ug/l	Qvalue

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

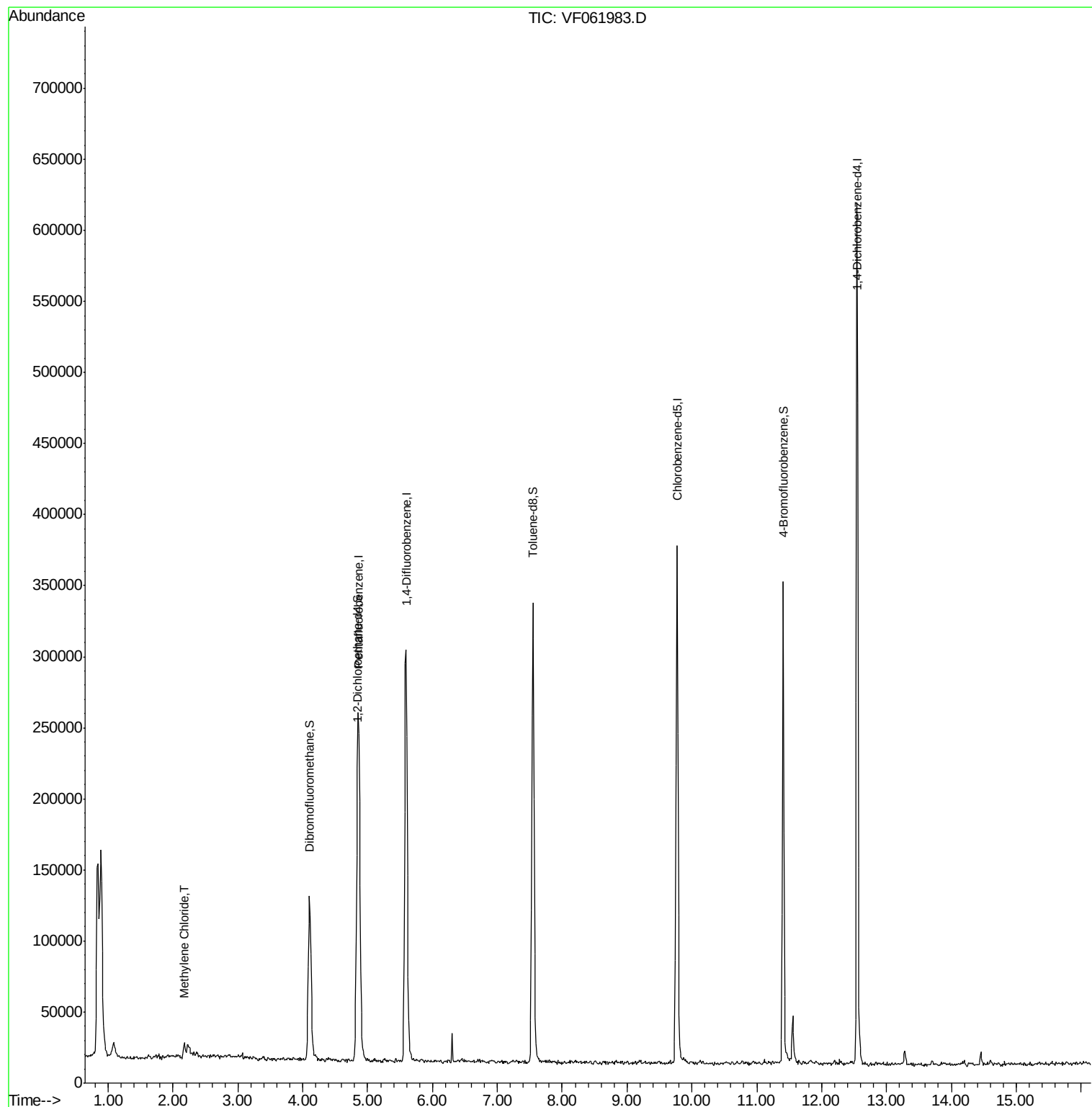
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF031619\
Data File : VF061983.D
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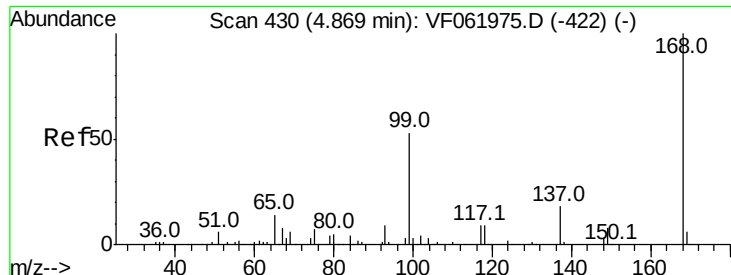
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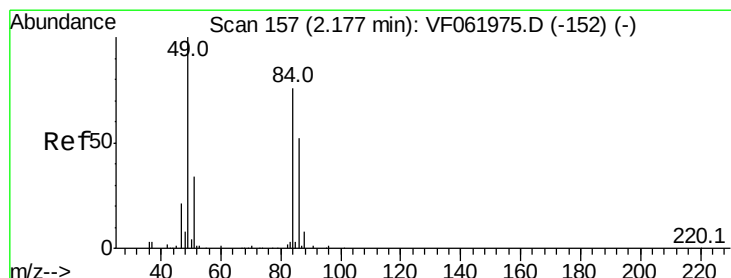
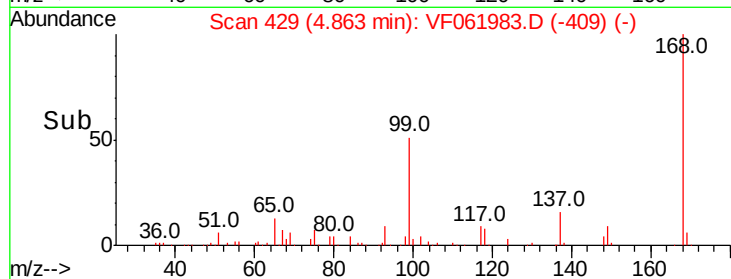
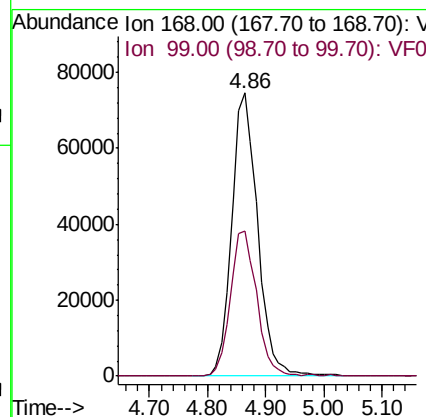
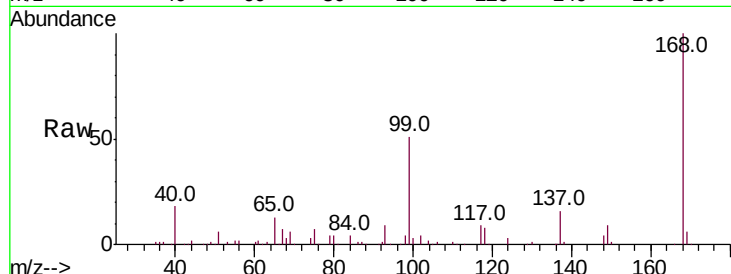
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.01 min
Lab File: VF061983.D
Acq: 16 Mar 2019 18:57

Instrument :
MSVOA_F
ClientSampleId :
BF-07-031119

Tot Ion	Ratio	Resp	Lower	Upper
168	100	230141		
99	51.3	42.4	63.6	

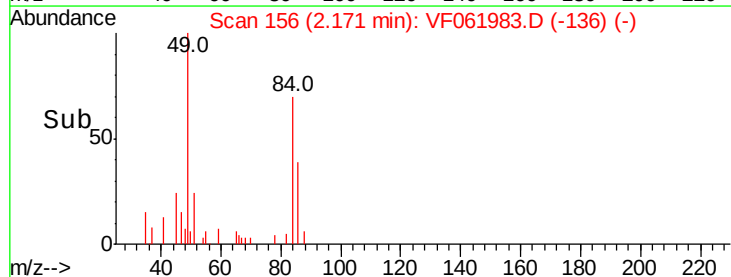
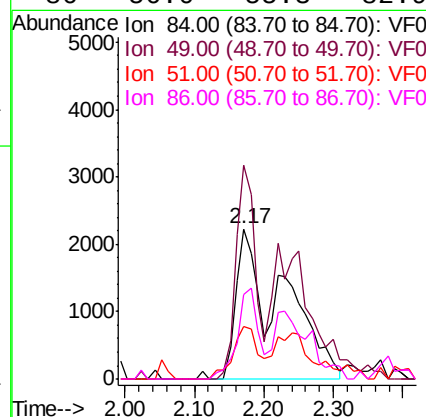
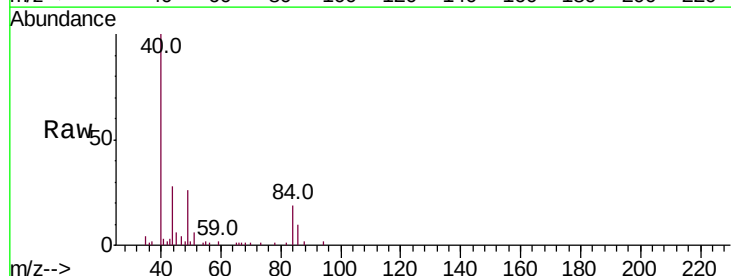
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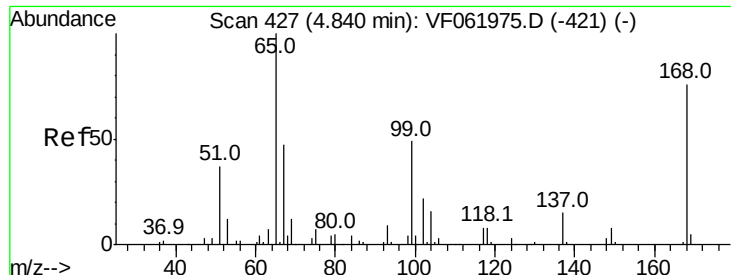
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#20
Methylene Chloride
Concen: 5.392 ug/l m
RT: 2.17 min Scan# 156
Delta R.T. -0.01 min
Lab File: VF061983.D
Acq: 16 Mar 2019 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	10326		
49	142.3	107.0	160.6	
51	34.7	37.2	55.8#	
86	56.0	55.3	82.9	





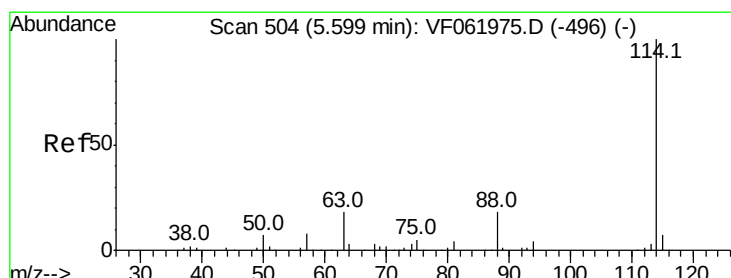
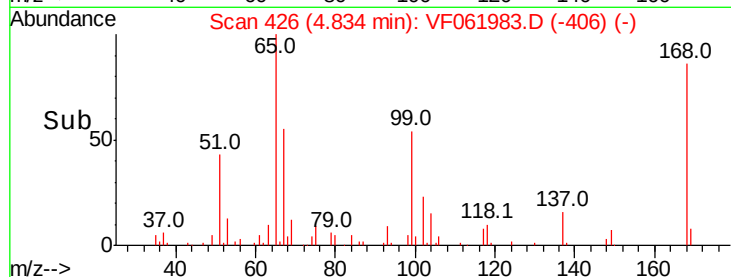
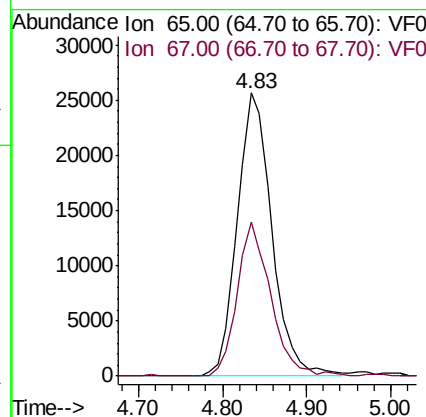
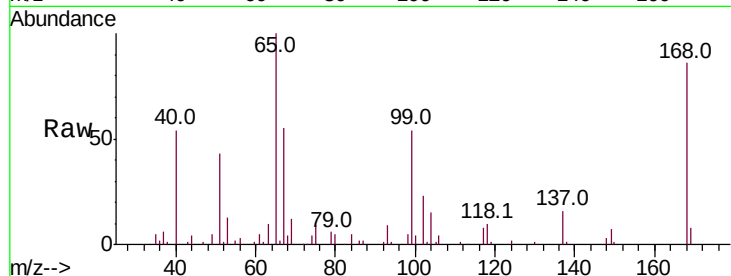
#33
 1,2-Dichloroethane-d4
 Concen: 44.430 ug/l
 RT: 4.83 min Scan# 426
 Delta R.T. -0.01 min
 Lab File: VF061983.D
 Acq: 16 Mar 2019 18:57

Instrument :
 MSVOA_F
 ClientSampleId :
 BF-07-031119

Tot Ion: 65 Resp: 73605
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.4

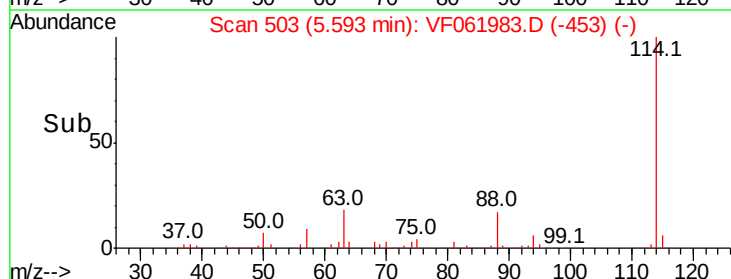
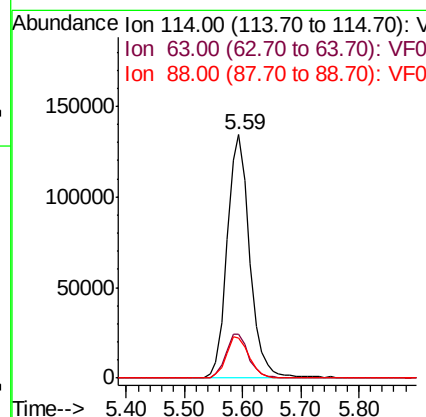
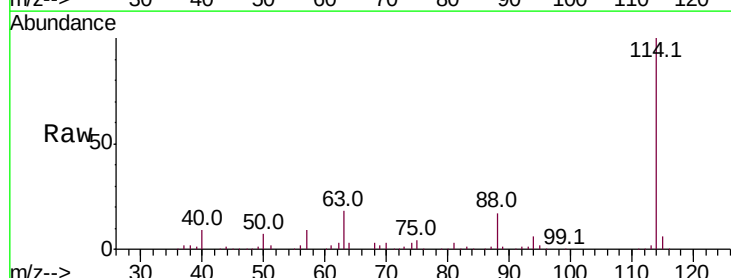
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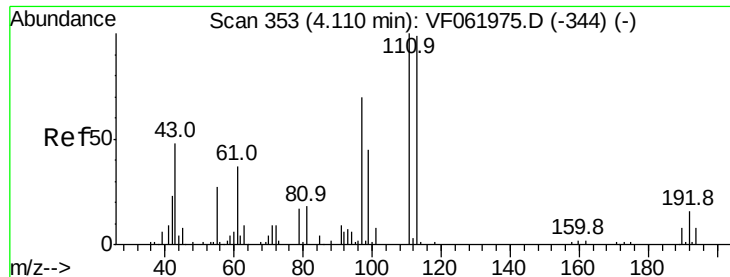
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: VF061983.D
 Acq: 16 Mar 2019 18:57

Tgt Ion: 114 Resp: 361925
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.4
 88 16.5 0.0 36.4





#35

Dibromofluoromethane

Concen: 47.034 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.01 min

Lab File: VF061983.D

Acq: 16 Mar 2019 18:57

Instrument :

MSVOA_F

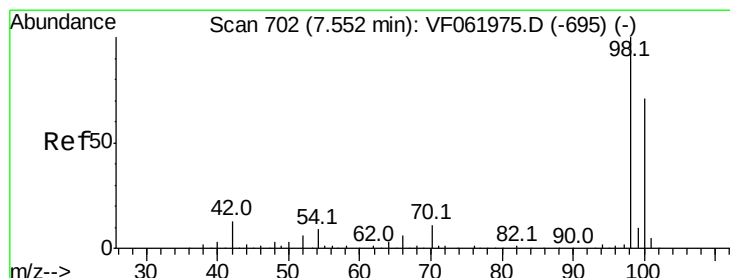
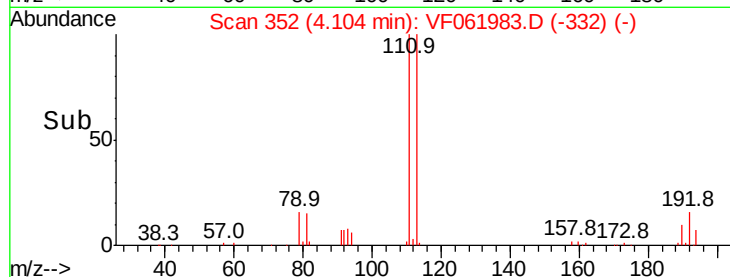
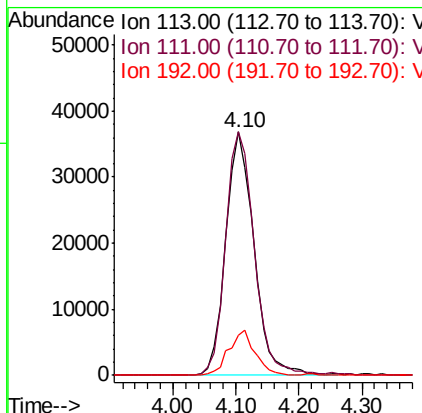
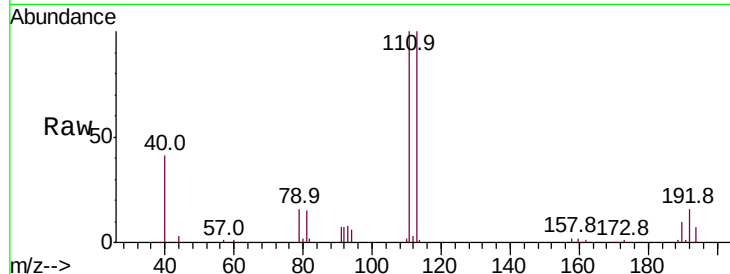
ClientSampleId :

BF-07-031119

Tot Ion:	113	Resp:	114311
Ion Ratio	Lower	Upper	
113	100		
111	100.1	80.8	121.2
192	16.5	13.0	19.6

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#50

Toluene-d8

Concen: 42.899 ug/l

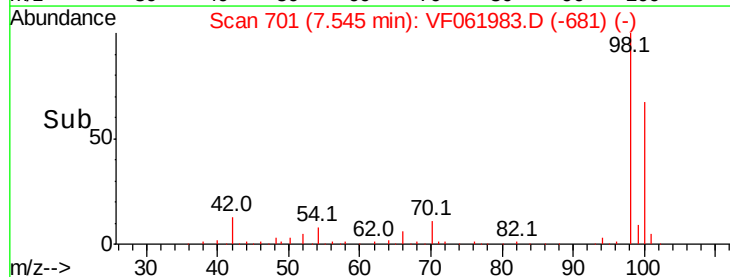
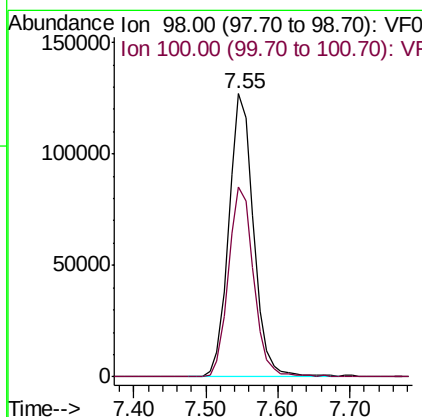
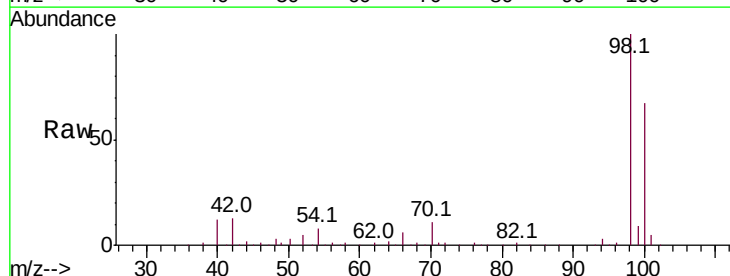
RT: 7.55 min Scan# 701

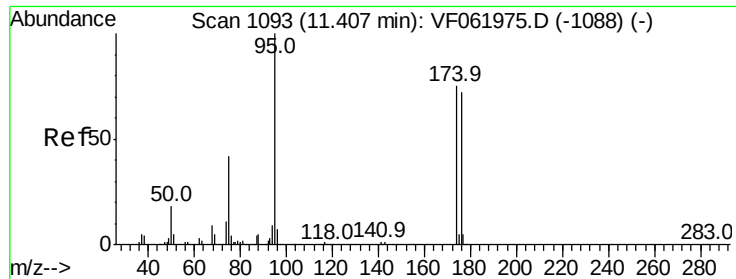
Delta R.T. -0.01 min

Lab File: VF061983.D

Acq: 16 Mar 2019 18:57

Tgt Ion:	98	Resp:	304790
Ion Ratio	Lower	Upper	
98	100		
100	66.9	56.8	85.2





#62

4-Bromofluorobenzene

Concen: 46.706 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VF061983.D

Acq: 16 Mar 2019 18:57

Instrument :

MSVOA_F

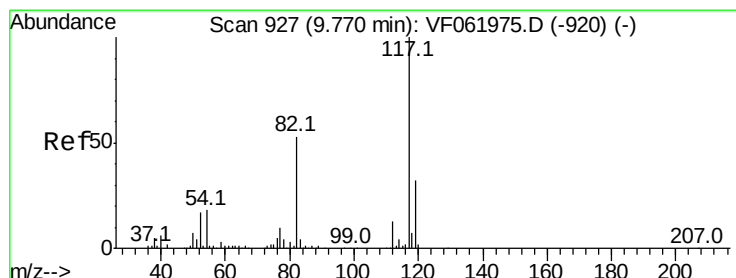
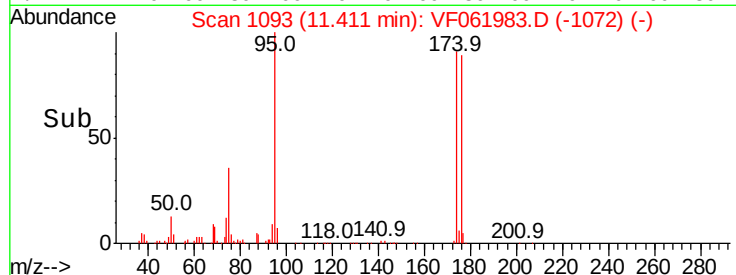
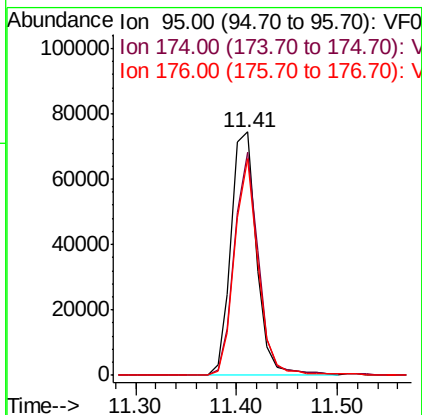
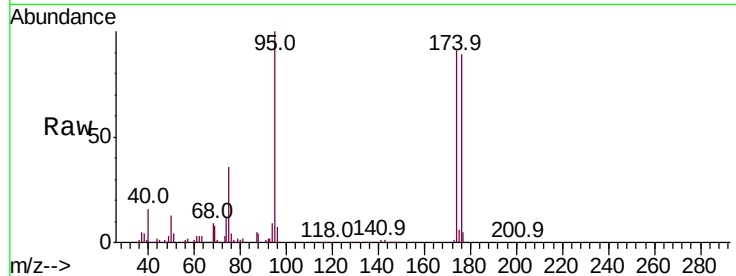
ClientSampleId :

BF-07-031119

Tot Ion:	95	Resp:	131826
Ion Ratio	Lower	Upper	
95	100		
174	91.4	0.0	149.4
176	89.1	0.0	143.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

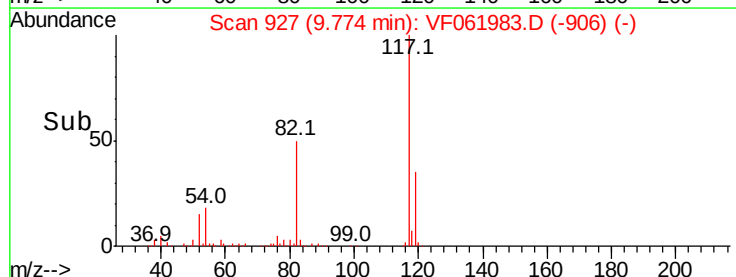
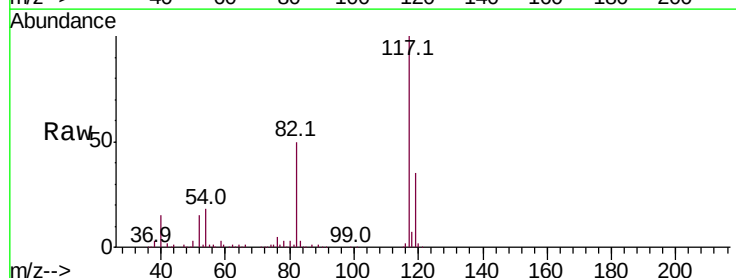
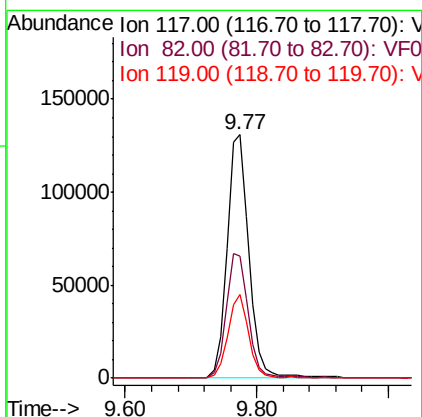
RT: 9.77 min Scan# 927

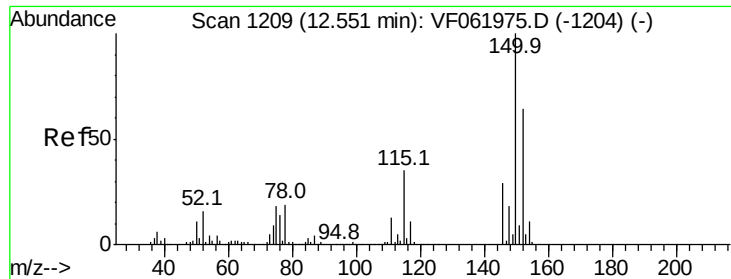
Delta R.T. 0.00 min

Lab File: VF061983.D

Acq: 16 Mar 2019 18:57

Tgt Ion:	117	Resp:	304725
Ion Ratio	Lower	Upper	
117	100		
82	50.3	42.5	63.7
119	34.5	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.54 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: VF061983.D
 Acq: 16 Mar 2019 18:57

Instrument :
 MSVOA_F
 ClientSampleId :
 BF-07-031119

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.7	27.3	81.9
150	154.5	0.0	316.2

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