

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121118\
 Data File : VF060979.D
 Acq On : 11 Dec 2018 16:32
 Operator : VA/AP
 Sample : J6193-03RE
 Misc : 6.03g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-121018-BRE

Manual Integrations
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 12/12/2018 1:28:42 PM

Quant Time: Dec 12 07:00:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	221228	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.61	114	371196	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.78	117	311739	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.55	152	104847	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	114243	43.84	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	87.68%	
35) Dibromofluoromethane	4.12	113	81625	27.72	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	55.44%	
50) Toluene-d8	7.56	98	289582	33.38	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	66.76%	
62) 4-Bromofluorobenzene	11.42	95	114054	28.93	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	57.86%	
Target Compounds						
16) Acetone	2.23	43	20110	41.845	ug/l #	91
20) Methylene Chloride	2.24	84	28952m	16.421	ug/l	
84) 1,2,4-Trimethylbenzene	12.21	105	8791	1.310	ug/l	91

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

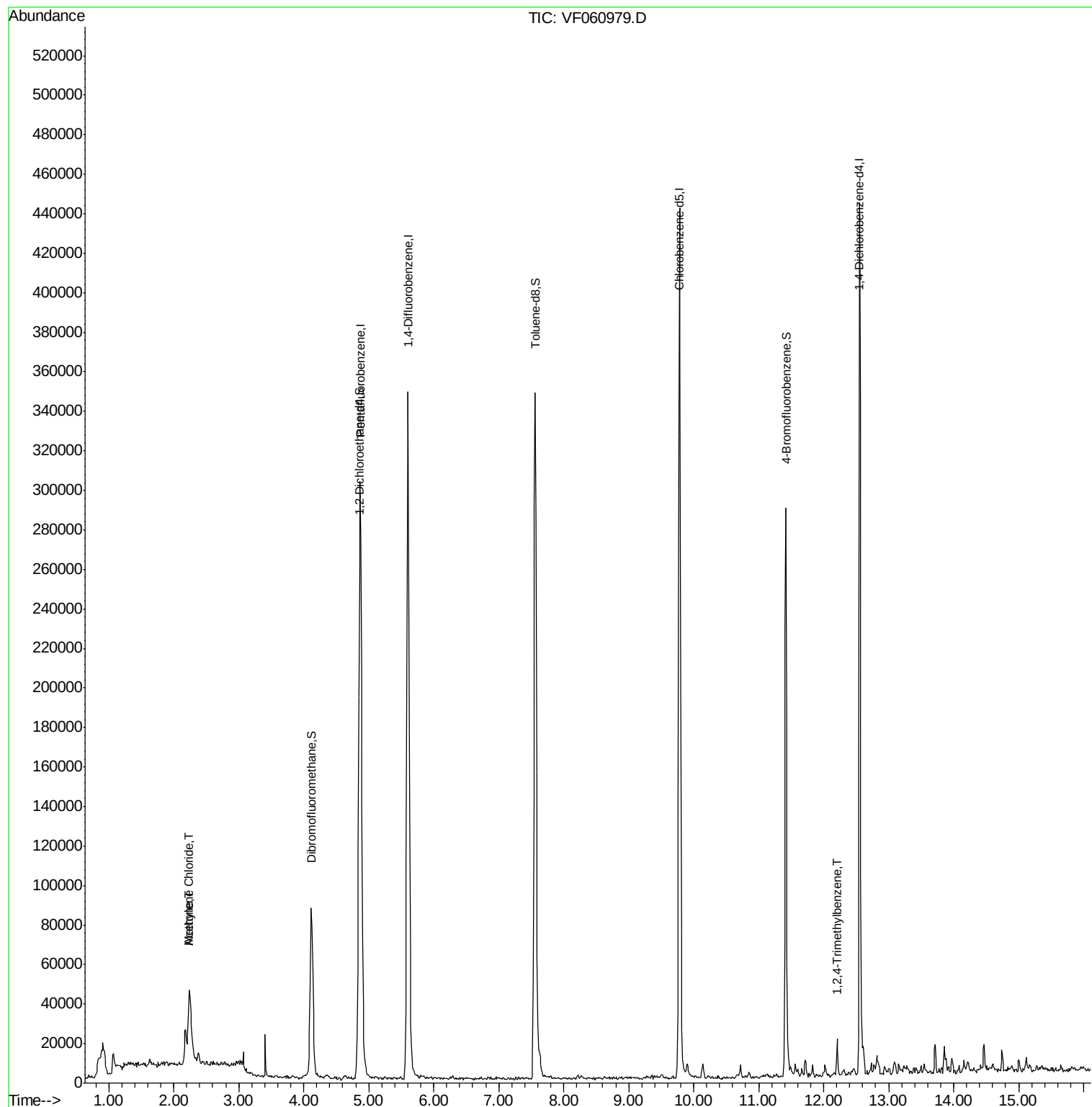
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF121118\
Data File : VF060979.D
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Operator : VA/AP
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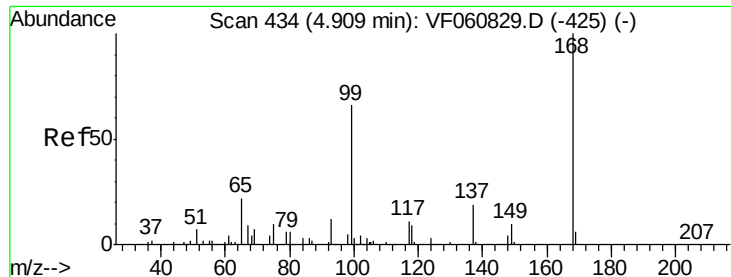
Instrument :
MSVOA_F
ClientSampleId :
CL-01-121018-BRE

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Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.03 min

Lab File: VF060979.D

Acq: 11 Dec 2018 16:32

Instrument :

MSVOA_F

ClientSampleId :

CL-01-121018-BRE

Tot Ion:168 Resp: 221228

Ion Ratio Lower Upper

168 100

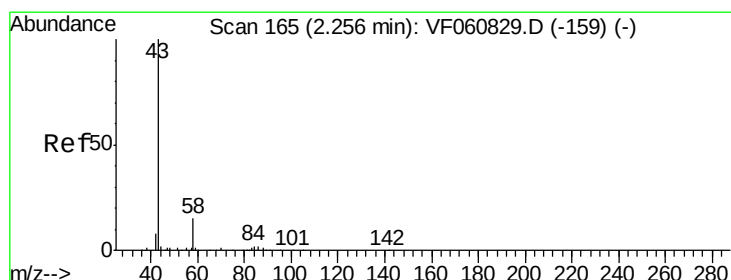
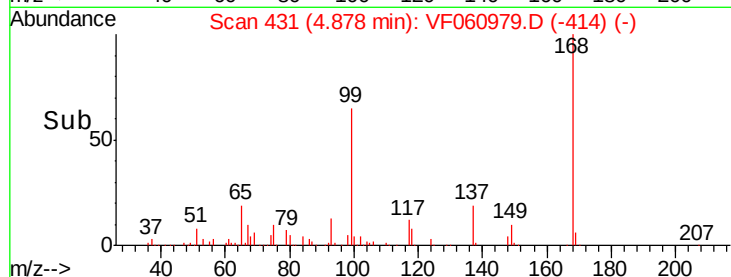
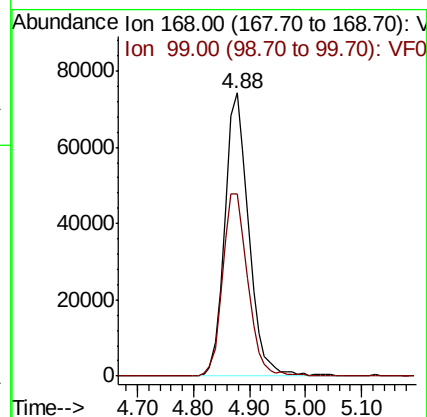
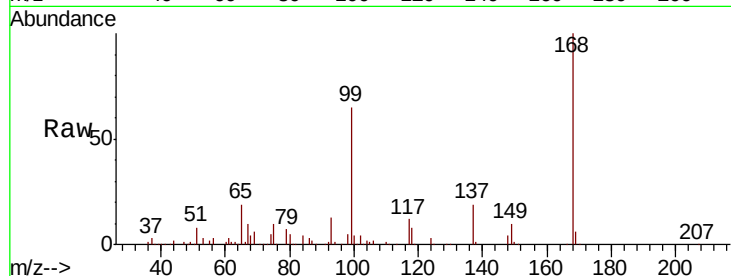
99 64.6 52.6 79.0

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#16

Acetone

Concen: 41.845 ug/l

RT: 2.23 min Scan# 163

Delta R.T. -0.02 min

Lab File: VF060979.D

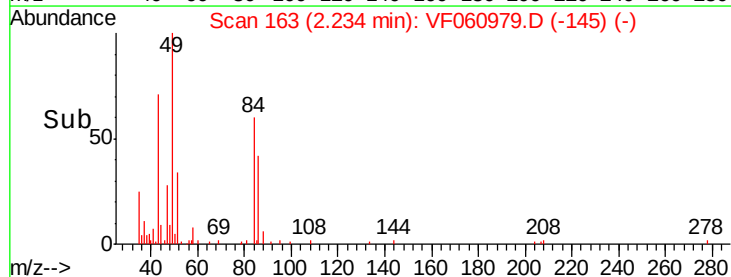
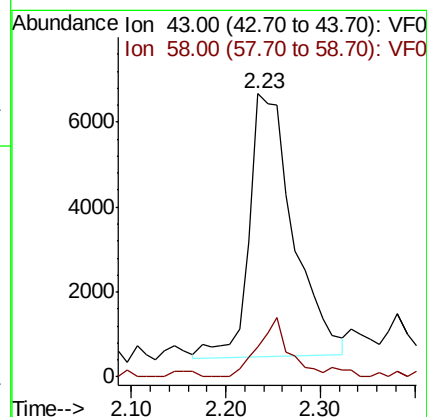
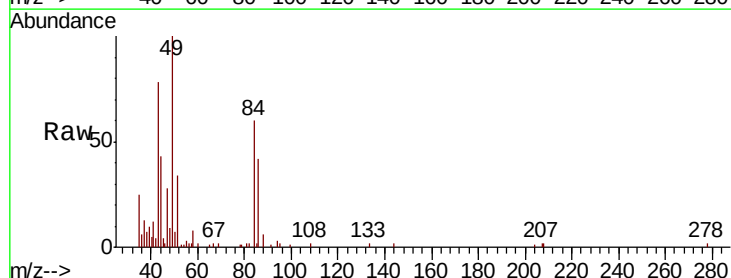
Acq: 11 Dec 2018 16:32

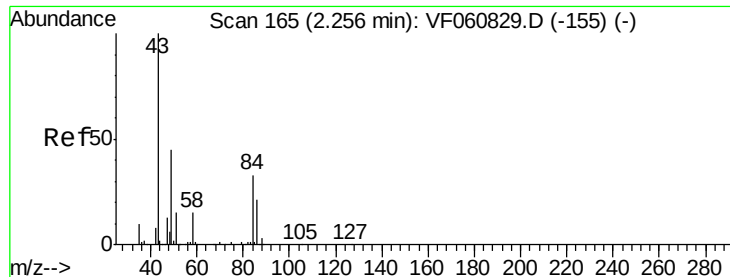
Tgt Ion: 43 Resp: 20110

Ion Ratio Lower Upper

43 100

58 10.7 11.4 17.2#





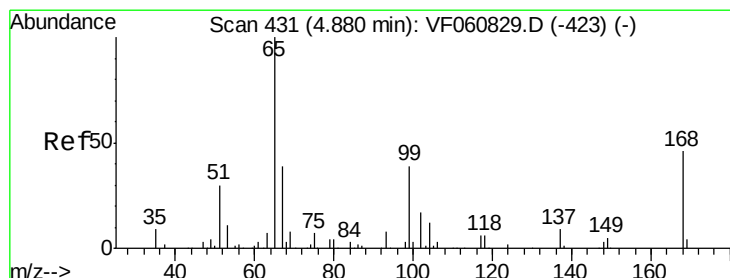
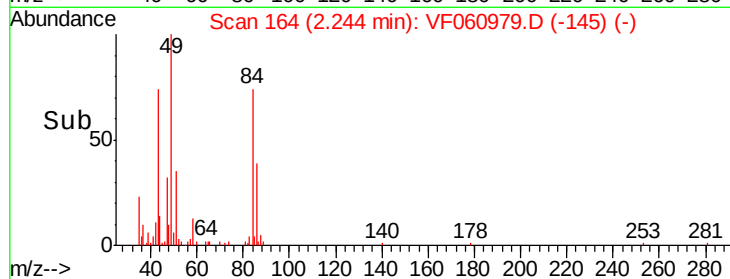
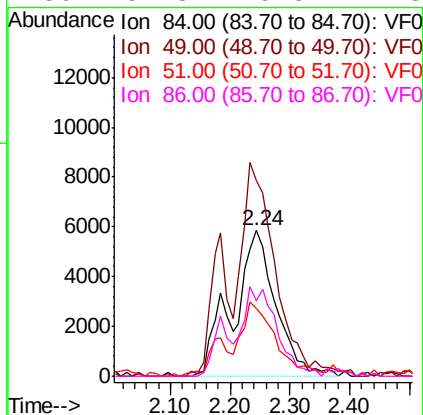
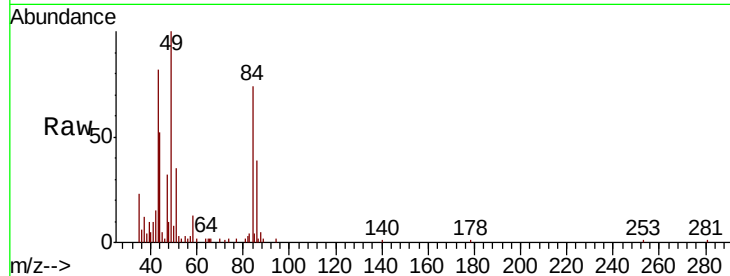
#20
Methvlene Chloride
Concen: 16.421 ug/l m
RT: 2.24 min Scan# 164
Delta R.T. -0.01 min
Lab File: VF060979.D
Acq: 11 Dec 2018 16:32

Instrument :
MSVOA_F
ClientSampleId :
CL-01-121018-BRE

Tot Ion:	84	Resp:	28952
Ion Ratio	Lower	Upper	
84	100		
49	134.7	111.3	166.9
51	46.9	38.0	57.0
86	52.3	49.8	74.8

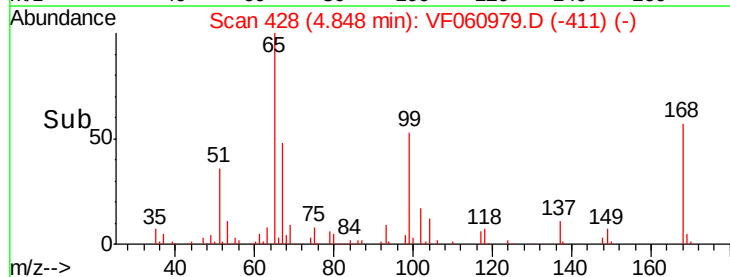
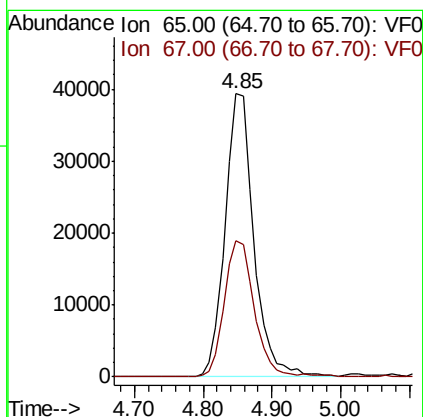
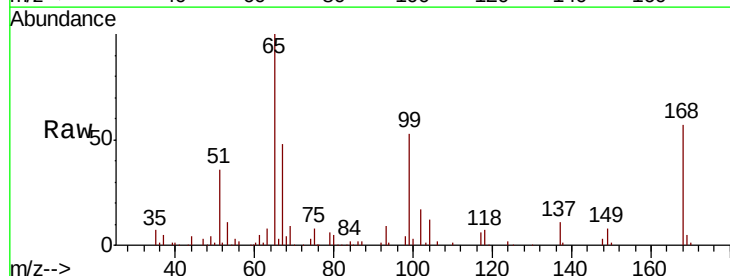
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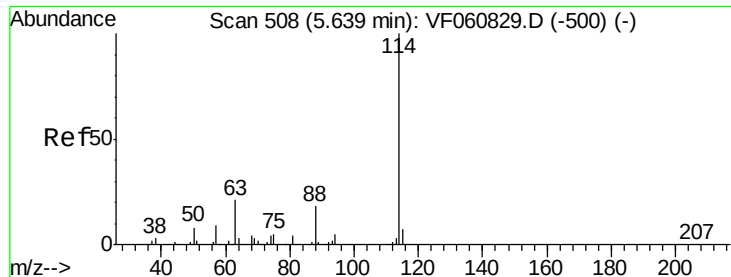
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#33
1,2-Dichloroethane-d4
Concen: 43.836 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.03 min
Lab File: VF060979.D
Acq: 11 Dec 2018 16:32

Tgt Ion:	65	Resp:	114243
Ion Ratio	Lower	Upper	
65	100		
67	48.1	0.0	96.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. -0.03 min

Lab File: VF060979.D

Acq: 11 Dec 2018 16:32

Instrument :

MSVOA_F

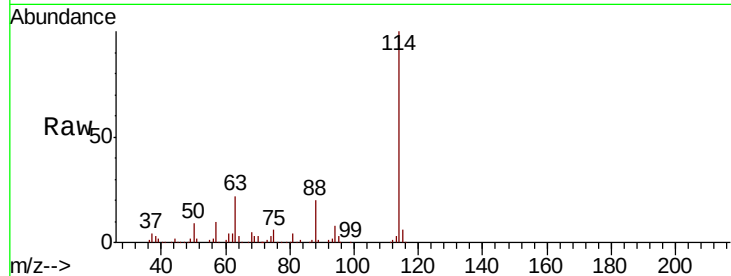
ClientSampleId :

CL-01-121018-BRE

Tot Ion:	114	Resp:	371196
Ion Ratio	Lower	Upper	
114	100		
63	22.1	0.0	41.6
88	19.6	0.0	36.6

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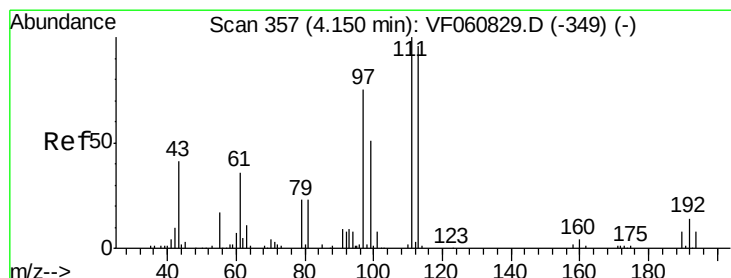
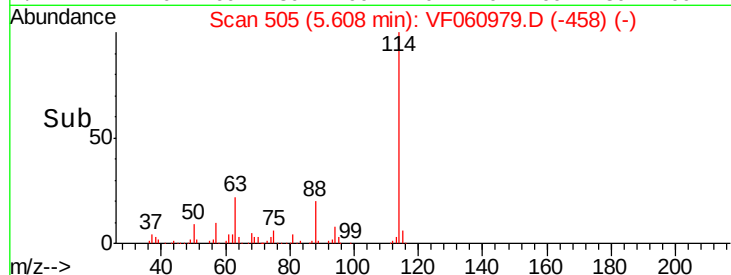
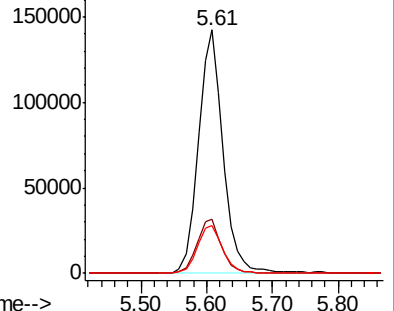
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 27.718 ug/l

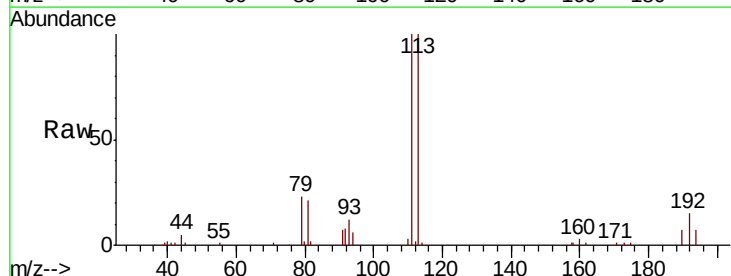
RT: 4.12 min Scan# 354

Delta R.T. -0.03 min

Lab File: VF060979.D

Acq: 11 Dec 2018 16:32

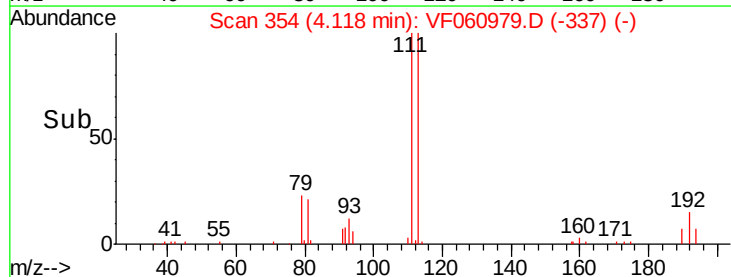
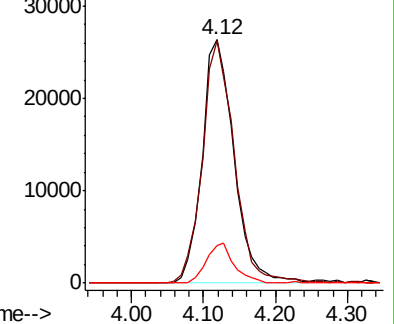
Tgt Ion:	113	Resp:	81625
Ion Ratio	Lower	Upper	
113	100		
111	99.8	83.0	124.6
192	15.2	12.3	18.5

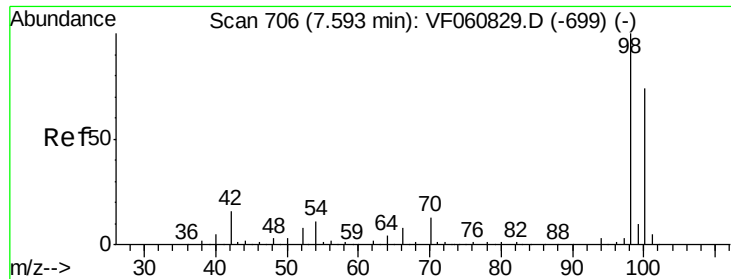


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





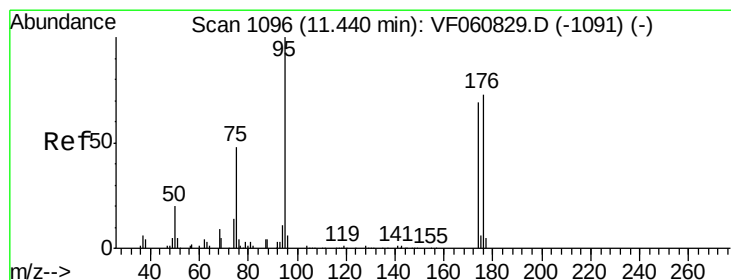
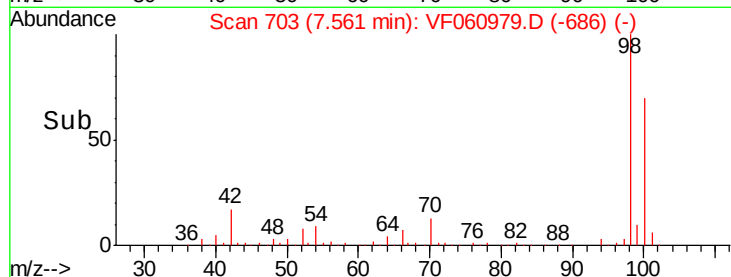
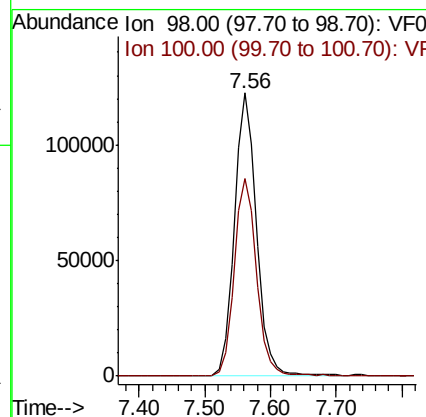
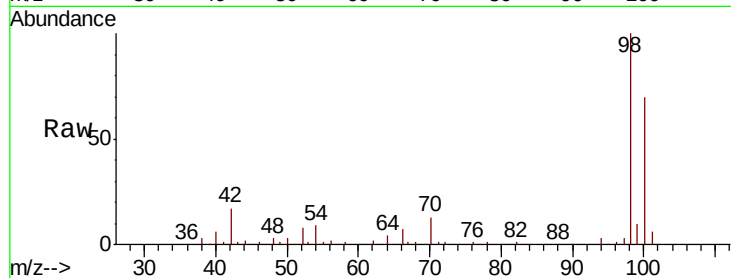
#50
Toluene-d8
Concen: 33.383 ug/l
RT: 7.56 min Scan# 703
Delta R.T. -0.03 min
Lab File: VF060979.D
Acq: 11 Dec 2018 16:32

Instrument :
MSVOA_F
ClientSampleId :
CL-01-121018-BRE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
98	100		289582		
100	69.6	59.3	88.9		

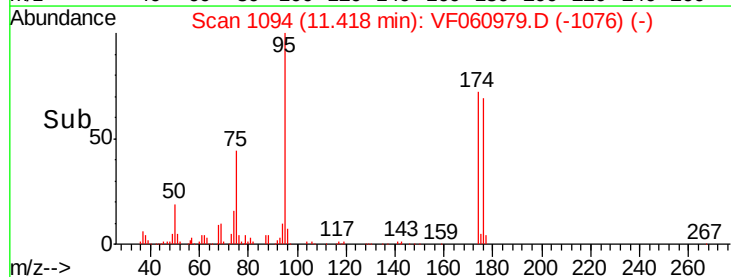
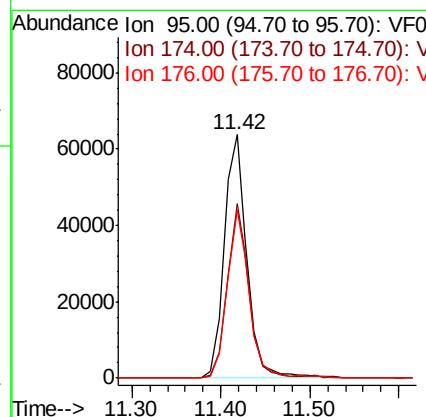
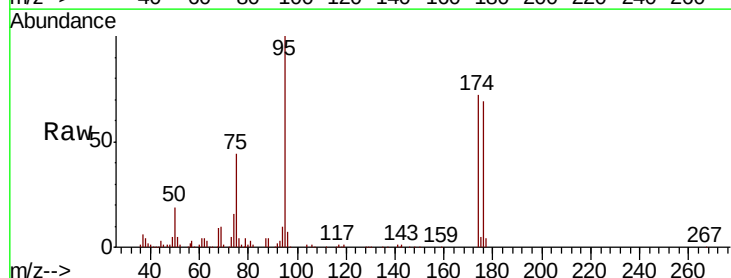
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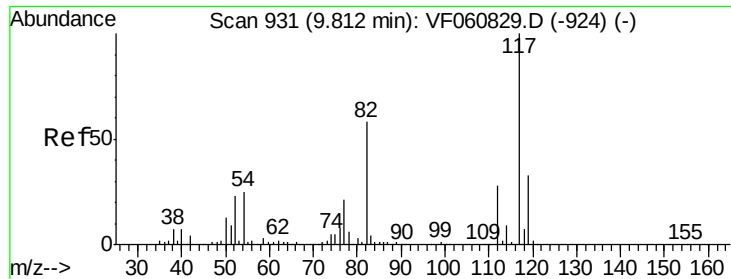
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#62
4-Bromofluorobenzene
Concen: 28.930 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. -0.02 min
Lab File: VF060979.D
Acq: 11 Dec 2018 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		114054		
174	71.8	0.0	138.2		
176	69.2	0.0	146.2		





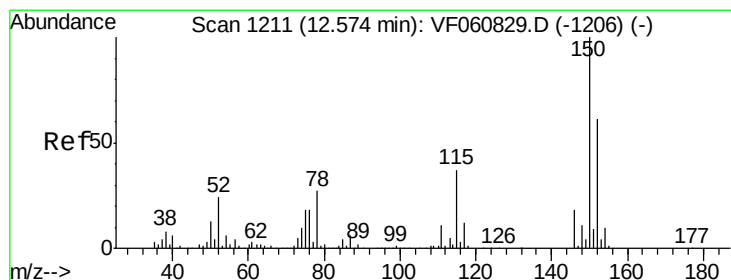
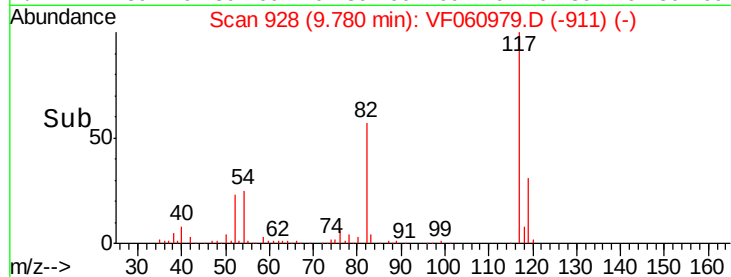
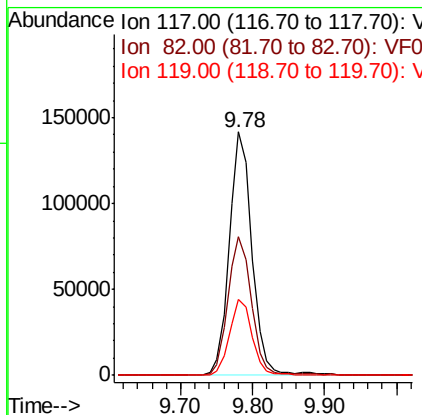
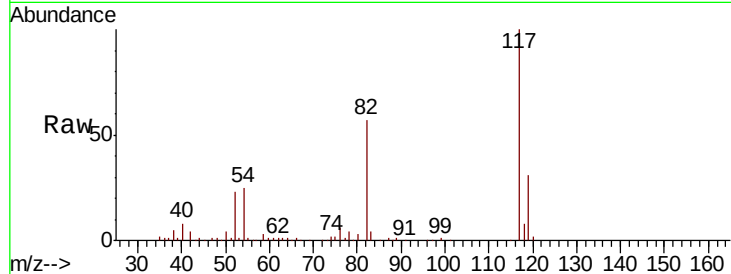
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.03 min
Lab File: VF060979.D
Acq: 11 Dec 2018 16:32

Instrument :
MSVOA_F
ClientSampleId :
CL-01-121018-BRE

Tot Ion	Ratio	Resp	Lower	Upper
117	100	311739		
82	57.1	46.6	69.8	
119	31.1	26.4	39.6	

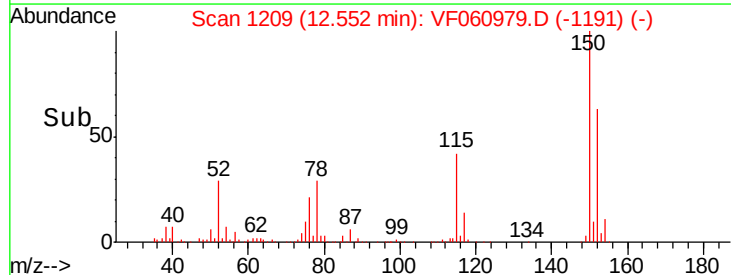
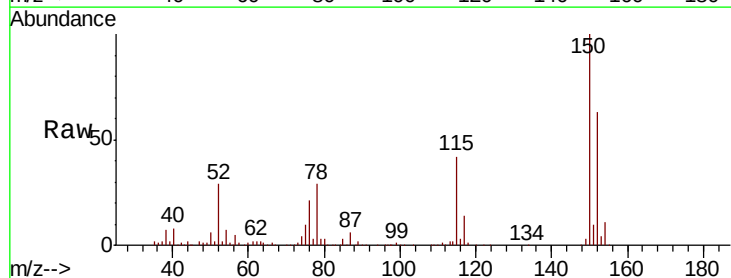
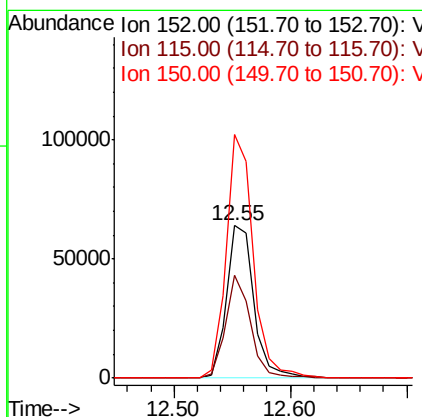
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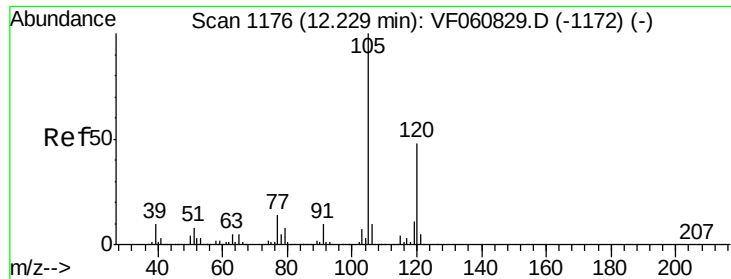
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF060979.D
Acq: 11 Dec 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	104847		
115	67.6	30.1	90.5	
150	159.6	0.0	327.6	





#84
 1,2,4-Trimethylbenzene
 Concen: 1.310 ug/l
 RT: 12.21 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: VF060979.D
 Acq: 11 Dec 2018 16:32

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-121018-BRE

Tot Ion	Ratio	Lower	Upper
105	100		
120	41.9	23.8	71.5

Manual Integrations
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