

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030119\
 Data File : VF061813.D
 Acq On : 1 Mar 2019 20:16
 Operator : VA/AP
 Sample : K1675-23
 Misc : 5.95g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 Z-3-12-A

Manual Integrations
 APPROVED

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Quant Time: Mar 02 03:30:58 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	296609	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	469130	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	379301	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	217097	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	97500	44.83	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	89.66%	
35) Dibromofluoromethane	4.10	113	154250	44.28	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	88.56%	
50) Toluene-d8	7.54	98	380165	37.96	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	75.92%	
62) 4-Bromofluorobenzene	11.40	95	168745	41.64	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	83.28%	
Target Compounds						
16) Acetone	2.24	43	12054	25.830	ug/l	Qvalue 100
20) Methylene Chloride	2.18	84	35697m	12.378	ug/l	

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

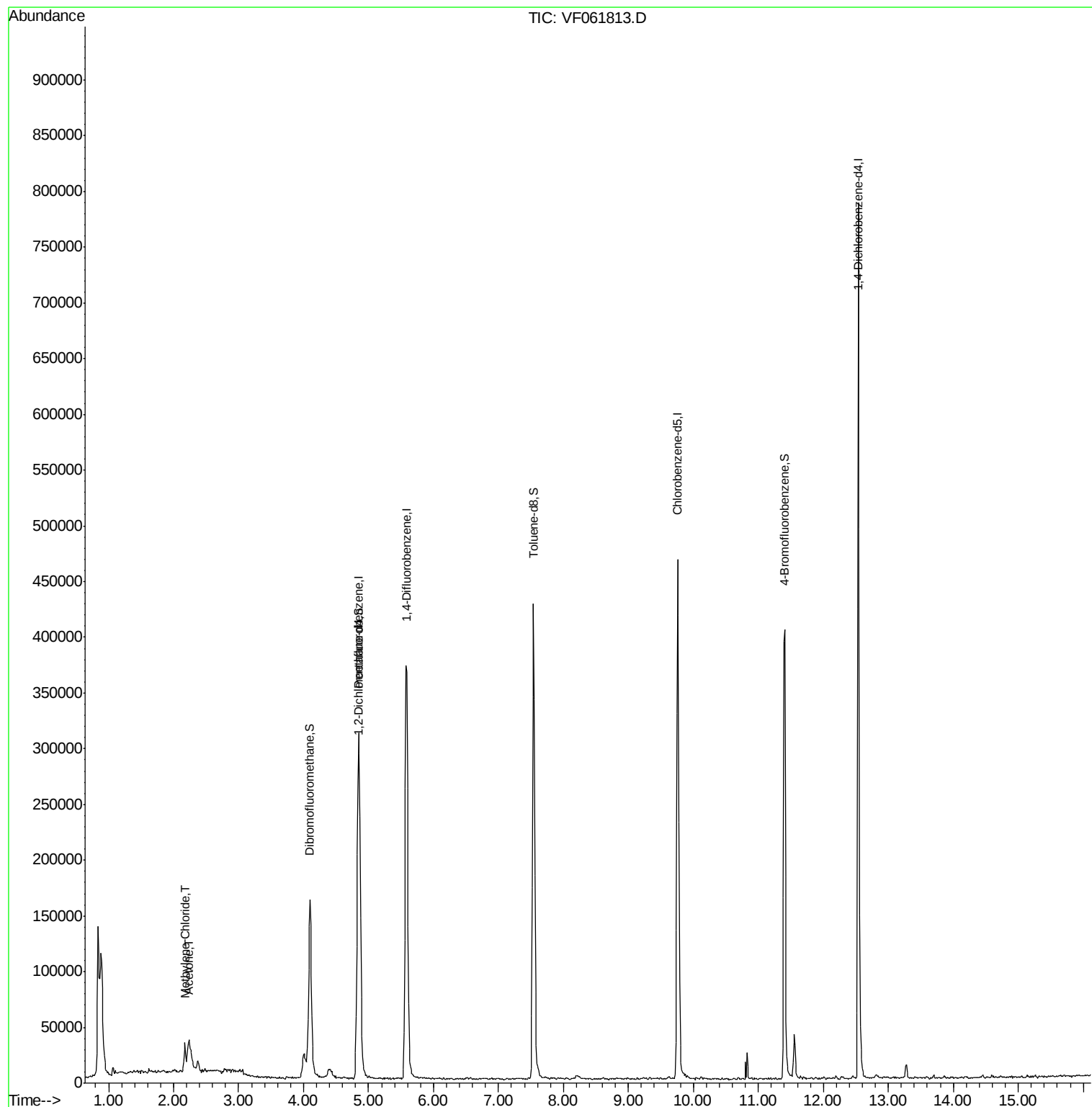
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Data File : VF061813.D
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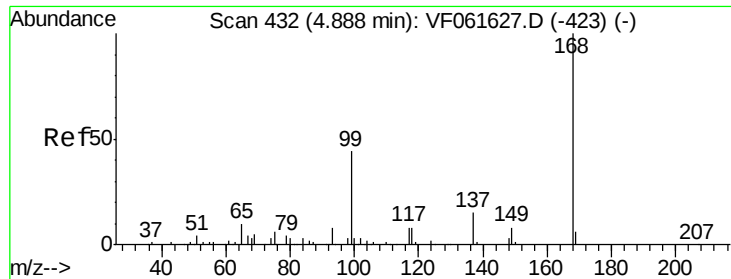
Instrument :
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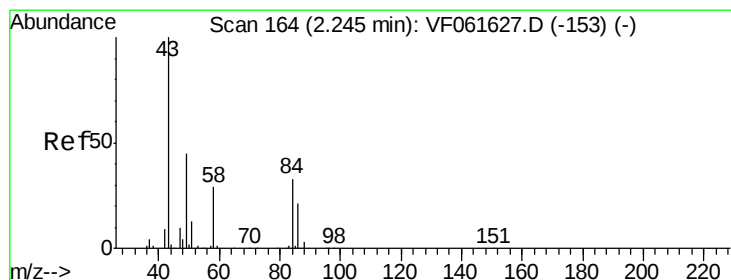
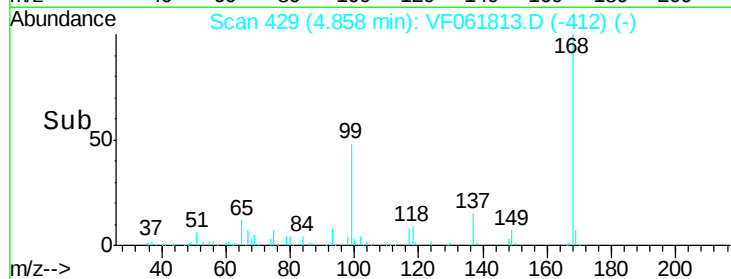
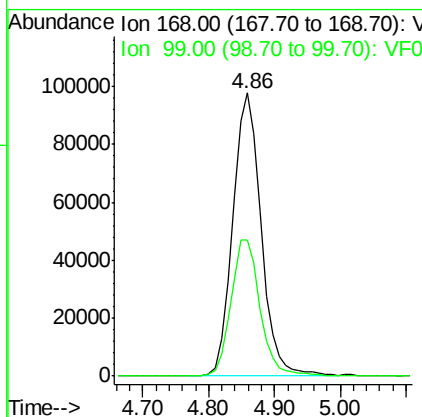
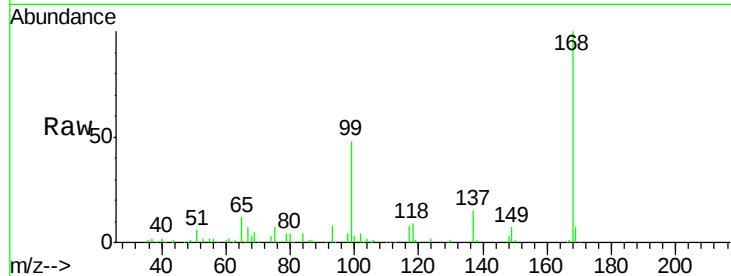
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.03 min
Lab File: VF061813.D
Acq: 1 Mar 2019 20:16

Instrument :
MSVOA_F
ClientSampleId :
Z-3-12-A

Tot Ion	Ratio	Resp	Lower	Upper
168	100	296609		
99	48.0	34.9	52.3	

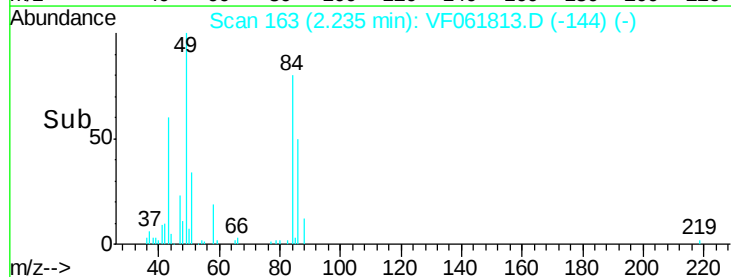
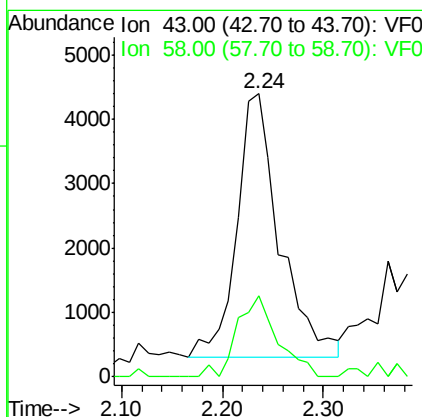
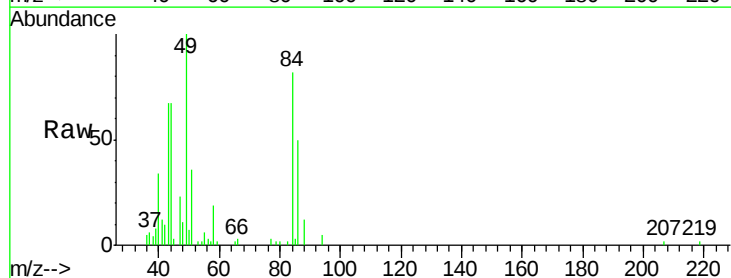
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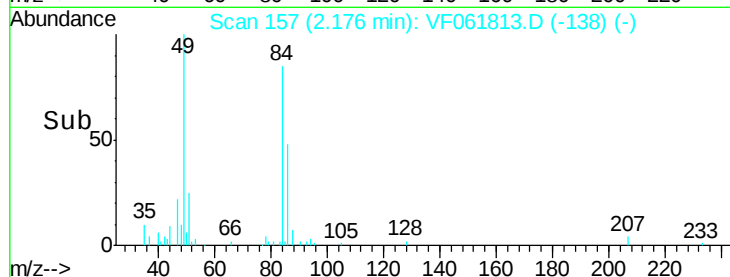
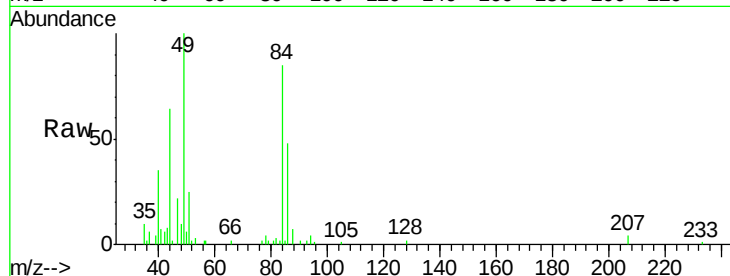
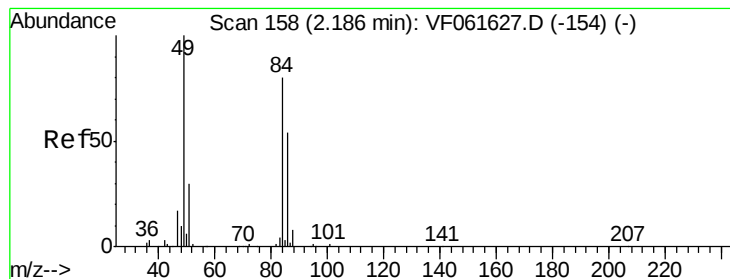
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#16
Acetone
Concen: 25.830 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.01 min
Lab File: VF061813.D
Acq: 1 Mar 2019 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	12054		
58	28.6	22.9	34.3	





#20

Methylene Chloride

Concen: 12.378 ug/l

RT: 2.18 min Scan# 157

Delta R.T. -0.01 min

Lab File: VF061813.D

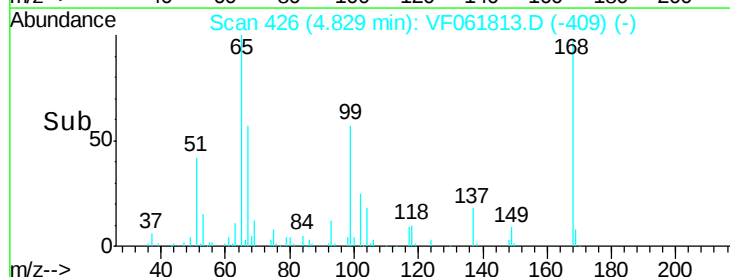
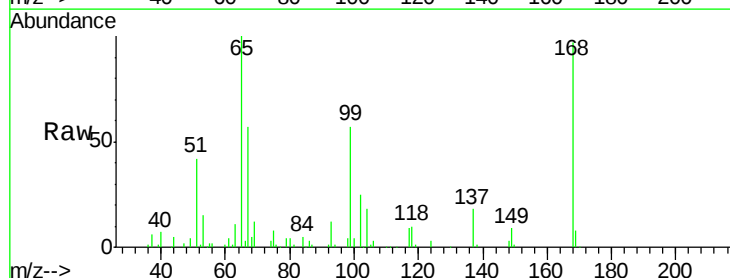
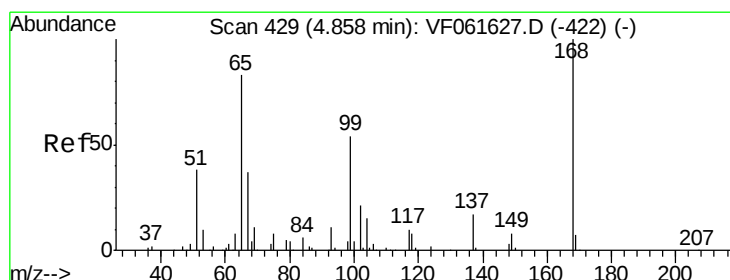
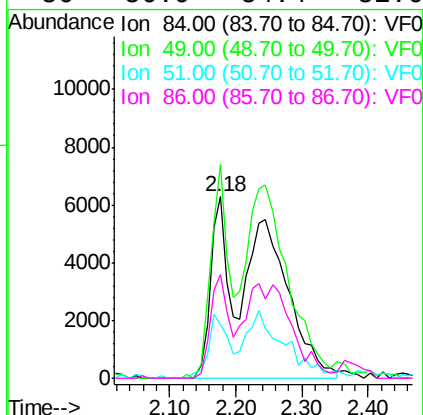
Acq: 1 Mar 2019 20:16

Tot Ion:	84	Resp:	35697
Ion	Ratio	Lower	Upper
84	100		
49	117.7	101.8	152.8
51	29.3	31.1	46.7#
86	56.9	54.4	81.6

Instrument :
MSVOA_F
ClientSampleId :
Z-3-12-A

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#33

1,2-Dichloroethane-d4

Concen: 44.826 ug/l

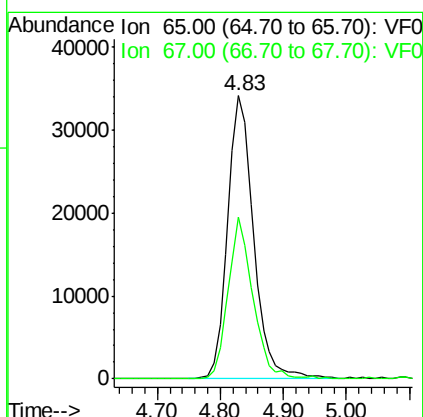
RT: 4.83 min Scan# 426

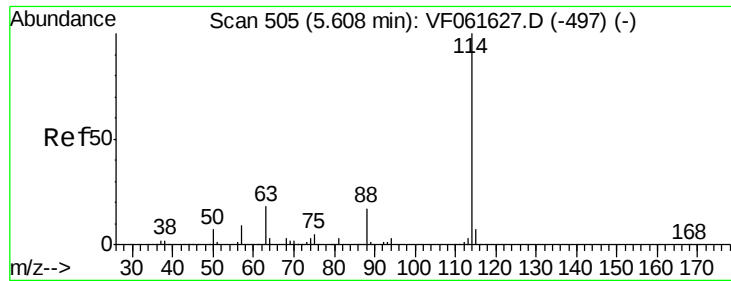
Delta R.T. -0.03 min

Lab File: VF061813.D

Acq: 1 Mar 2019 20:16

Tgt Ion:	65	Resp:	97500
Ion	Ratio	Lower	Upper
65	100		
67	57.3	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.03 min

Lab File: VF061813.D

Acq: 1 Mar 2019 20:16

Instrument :

MSVOA_F

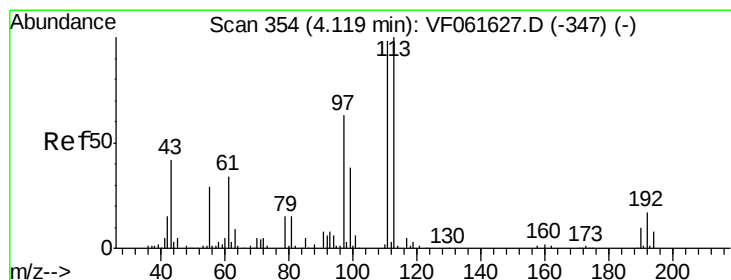
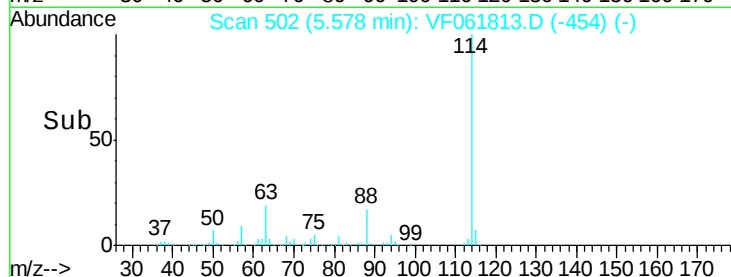
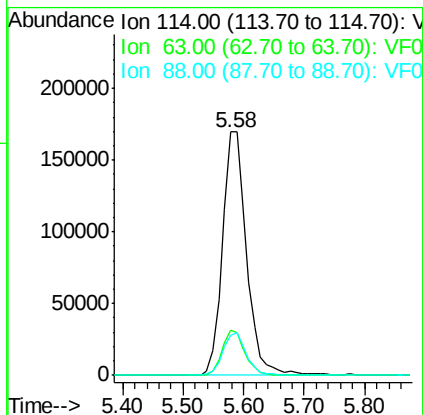
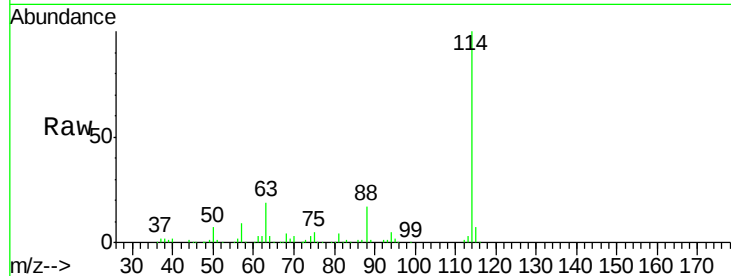
ClientSampleId :

Z-3-12-A

Tot Ion:	114	Resp:	469130
Ion Ratio	Lower	Upper	
114	100		
63	18.8	0.0	36.6
88	16.7	0.0	34.4

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#35

Dibromofluoromethane

Concen: 44.276 ug/l

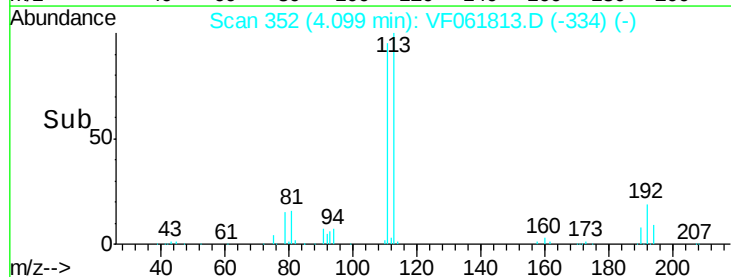
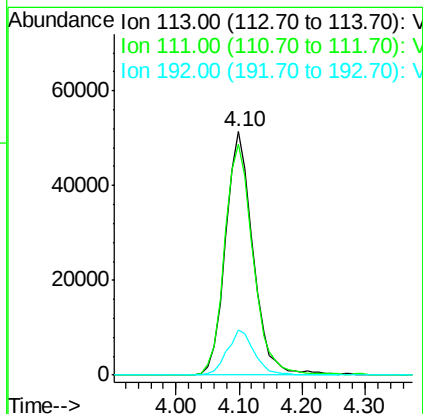
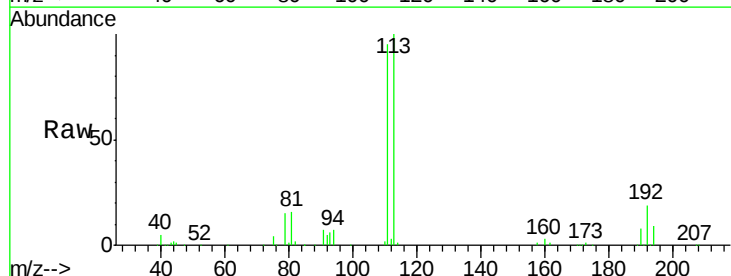
RT: 4.10 min Scan# 352

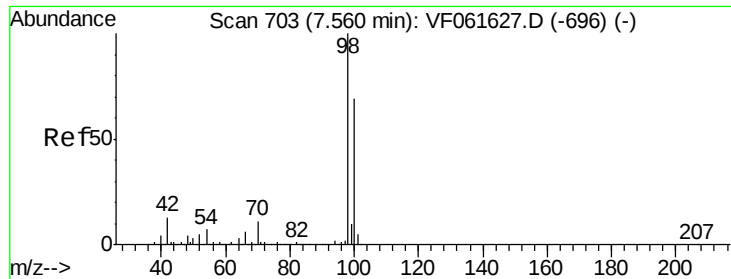
Delta R.T. -0.02 min

Lab File: VF061813.D

Acq: 1 Mar 2019 20:16

Tgt Ion:	113	Resp:	154250
Ion Ratio	Lower	Upper	
113	100		
111	95.0	78.8	118.2
192	18.7	13.4	20.0





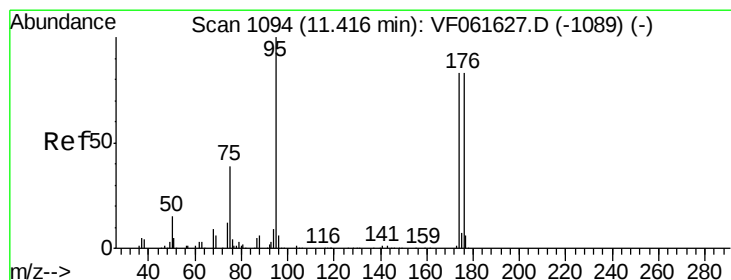
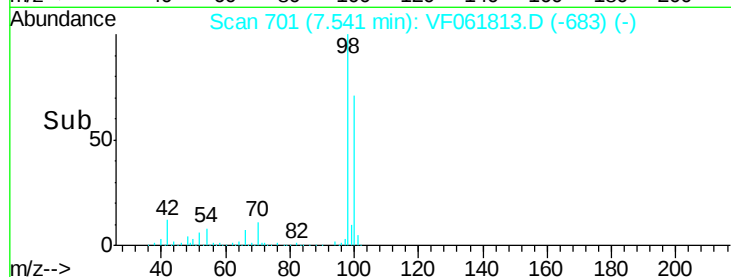
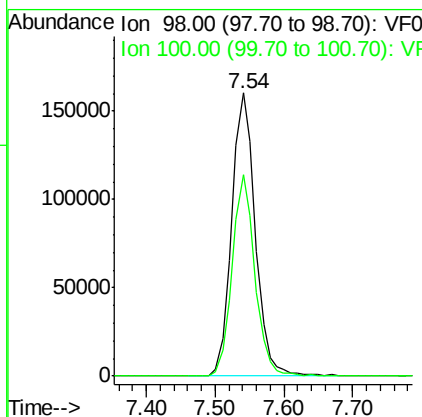
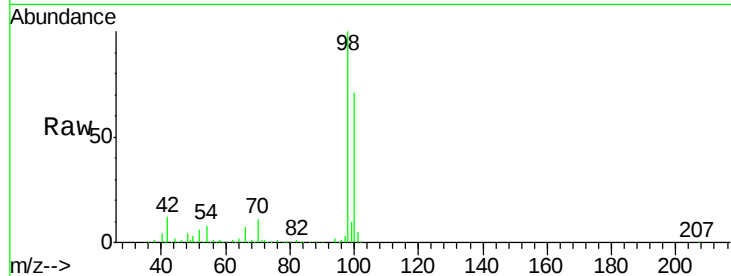
#50
Toluene-d8
Concen: 37.960 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF061813.D
Acq: 1 Mar 2019 20:16

Instrument :
MSVOA_F
ClientSampleId :
Z-3-12-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
98	100		380165		
100	71.1		55.4		83.2

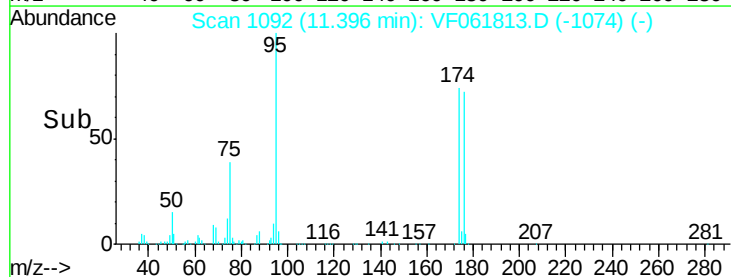
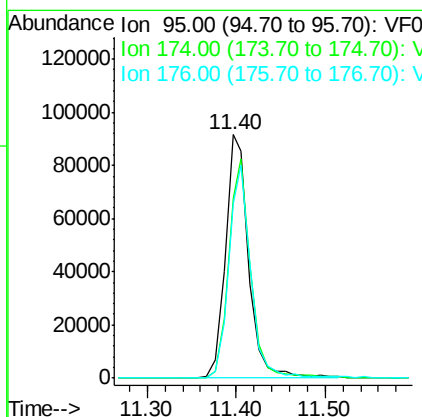
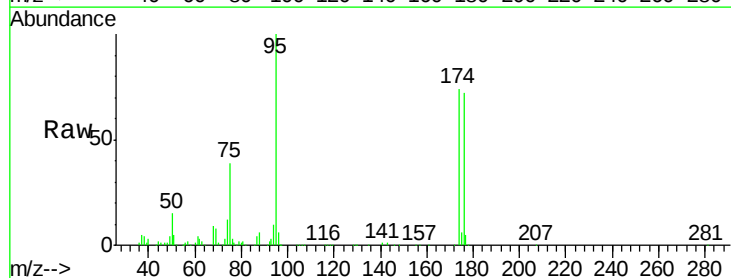
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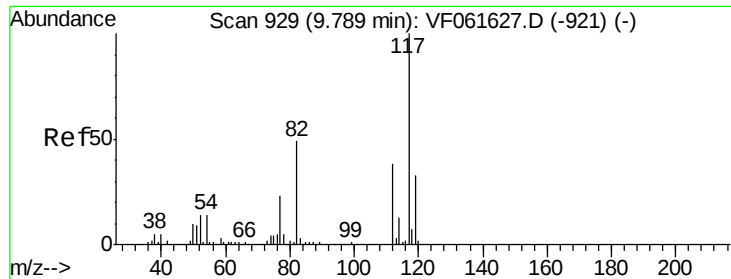
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#62
4-Bromofluorobenzene
Concen: 41.643 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061813.D
Acq: 1 Mar 2019 20:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		168745		
174	73.8		0.0		165.8
176	71.7		0.0		167.0





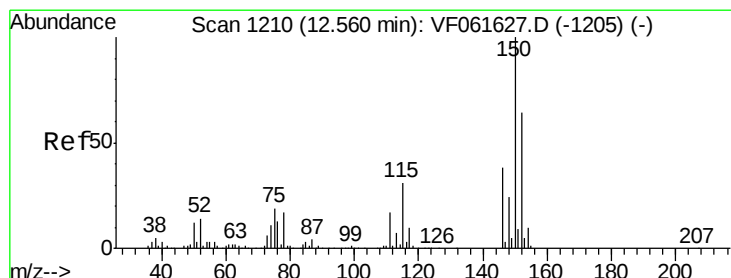
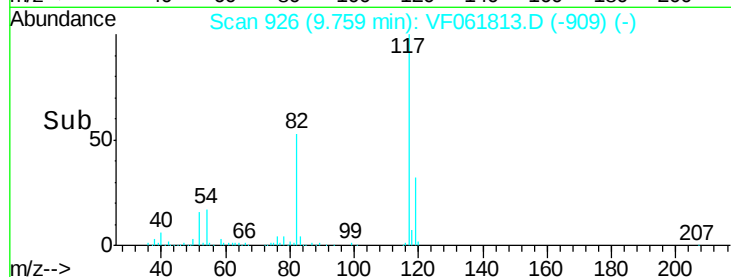
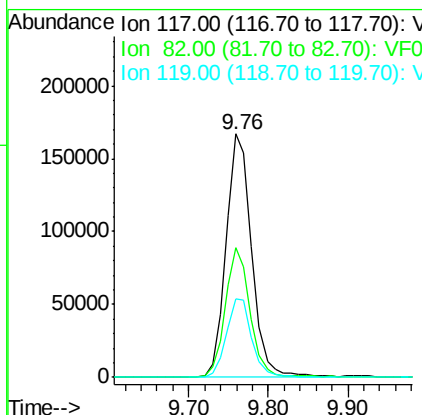
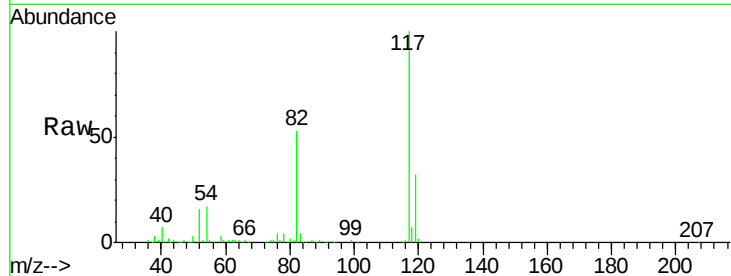
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF061813.D
Acq: 1 Mar 2019 20:16

Instrument :
MSVOA_F
ClientSampleId :
Z-3-12-A

Tot Ion	Ratio	Resp	Lower	Upper
117	100	379301		
82	53.2	39.3	58.9	
119	32.4	26.6	40.0	

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF061813.D
Acq: 1 Mar 2019 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	217097		
115	53.9	24.3	72.8	
150	151.5	0.0	312.0	

