

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122118\
 Data File : VF061127.D
 Acq On : 21 Dec 2018 15:46
 Operator : VA/AP
 Sample : J6199-09RE
 Misc : 5.68g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-02-121818-ARE

Manual Integrations
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MMDadoda
 12/26/2018 10:51:19 AM

Quant Time: Dec 21 16:50:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.90	168	189752	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.63	114	352522	50.00	ug/l	0.04
63) Chlorobenzene-d5	9.82	117	251609	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	12.58	152	105168	50.00	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.88	65	15333	6.28	ug/l	0.04
Spiked Amount 50.000			Recovery	=	12.56%	
35) Dibromofluoromethane	4.15	113	15562	5.51	ug/l	0.04
Spiked Amount 50.000			Recovery	=	11.02%	
50) Toluene-d8	7.59	98	33729	4.21	ug/l	0.03
Spiked Amount 50.000			Recovery	=	8.42%	
62) 4-Bromofluorobenzene	11.44	95	15765	4.27	ug/l	0.03
Spiked Amount 50.000			Recovery	=	8.54%	
Target Compounds						
16) Acetone	2.27	43	8750	17.934	ug/l	94
20) Methylene Chloride	2.30	84	32283m	17.815	ug/l	
52) Toluene	7.66	92	34543	5.703	ug/l	95
95) Naphthalene	14.48	128	6330	1.401	ug/l #	86

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

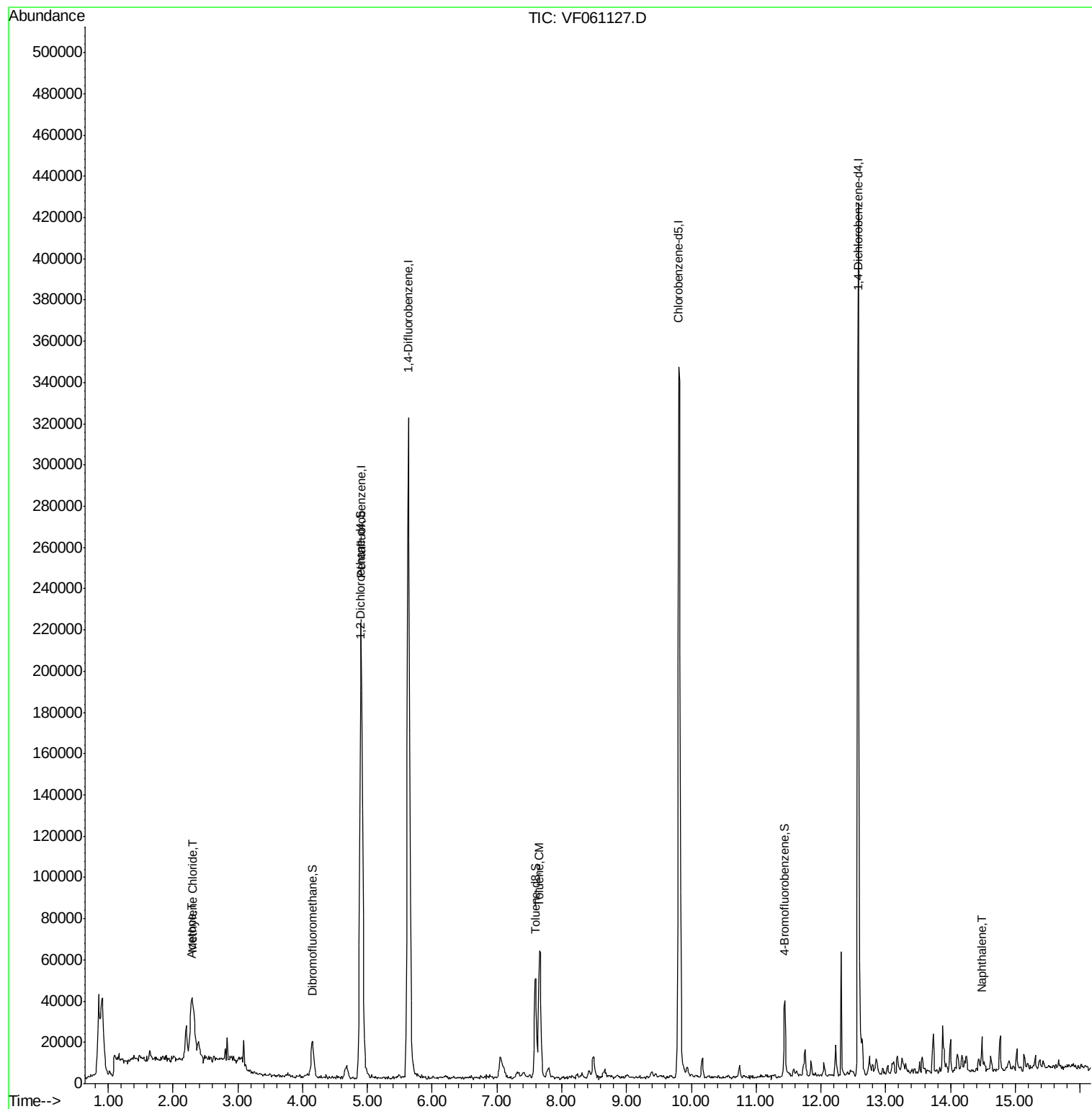
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF122118\
Data File : VF061127.D
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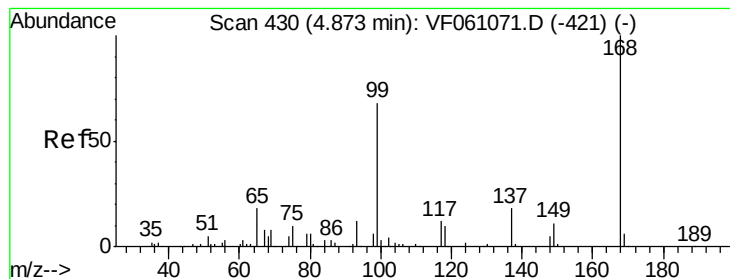
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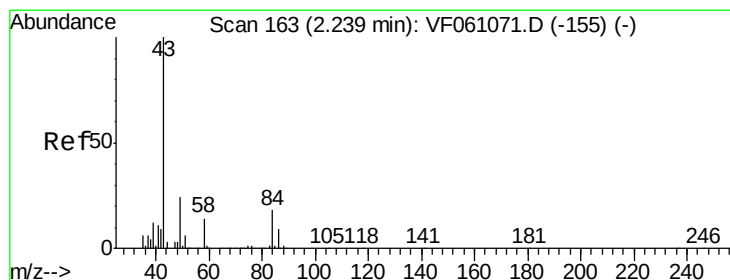
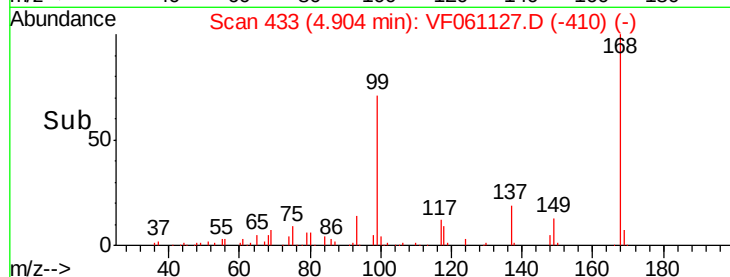
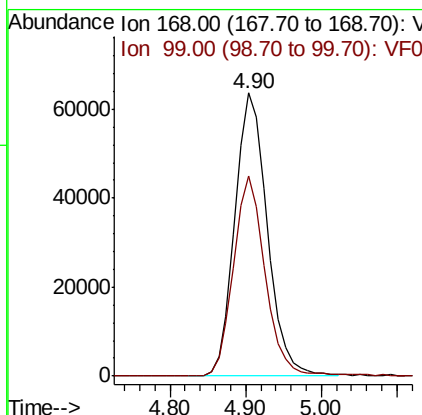
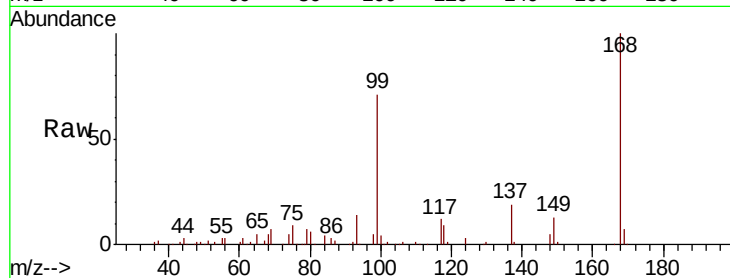
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.90 min Scan# 433
Delta R.T. 0.03 min
Lab File: VF061127.D
Acq: 21 Dec 2018 15:46

Instrument :
MSVOA_F
ClientSampleId :
SU-02-121818-ARE

Tgt Ion	Ratio	Lower	Upper
168	100		
99	70.8	54.4	81.6

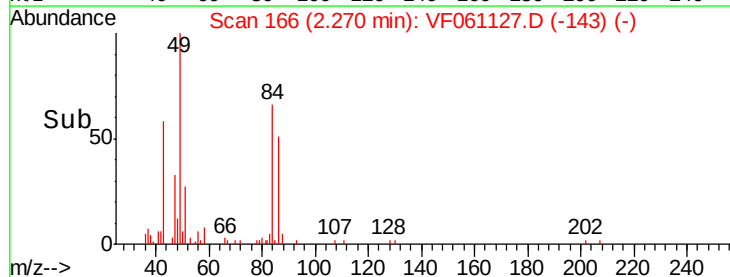
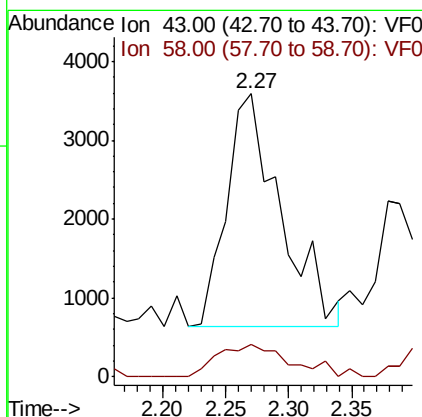
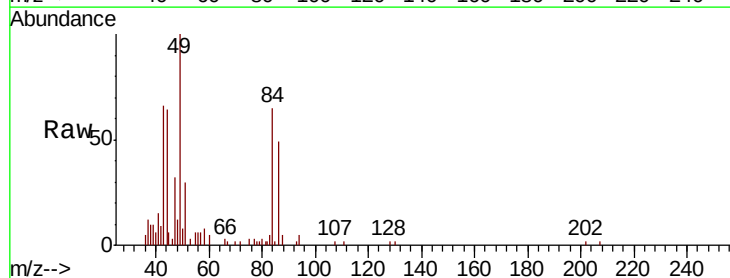
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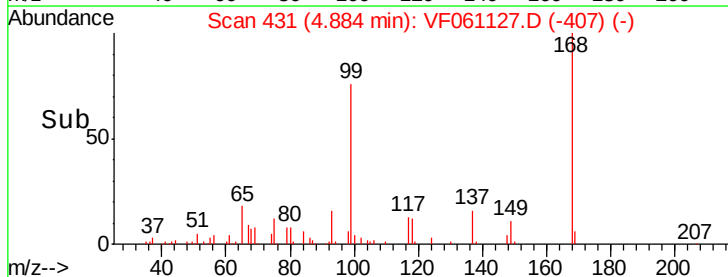
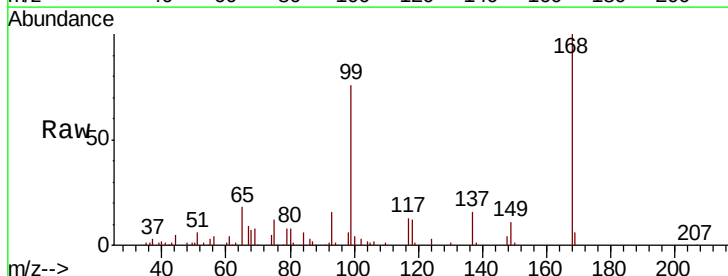
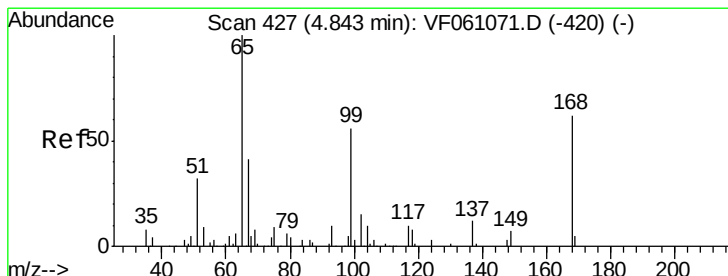
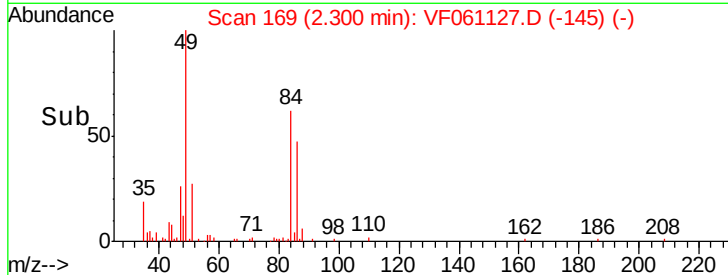
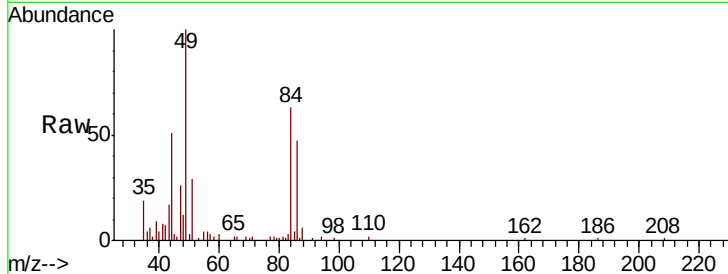
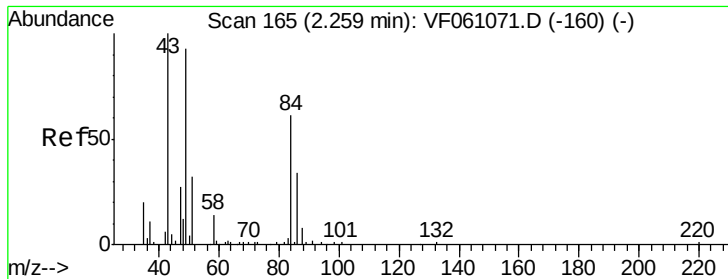
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#16
Acetone
Concen: 17.934 ug/l
RT: 2.27 min Scan# 166
Delta R.T. 0.03 min
Lab File: VF061127.D
Acq: 21 Dec 2018 15:46

Tgt Ion	Ratio	Lower	Upper
43	100		
58	11.4	11.1	16.7





#20

Methylene Chloride

Concen: 17.815 ug/l m

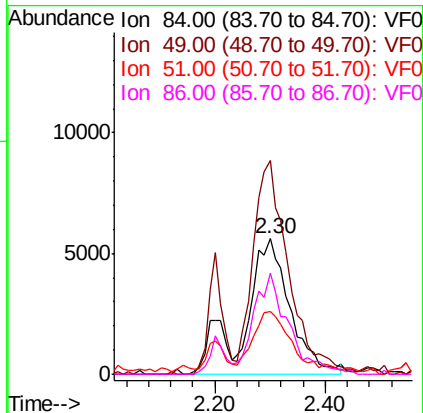
RT: 2.30 min Scan# 169

Delta R.T. 0.04 min

Lab File: VF061127.D

Acq: 21 Dec 2018 15:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	158.0	129.4	194.2
51	46.1	44.0	66.0
86	74.6	46.3	69.5#



Instrument :
MSVOA_F
ClientSampleId :
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#33

1,2-Dichloroethane-d4

Concen: 6.283 ug/l

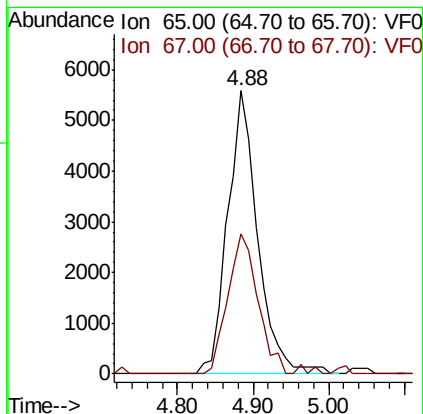
RT: 4.88 min Scan# 431

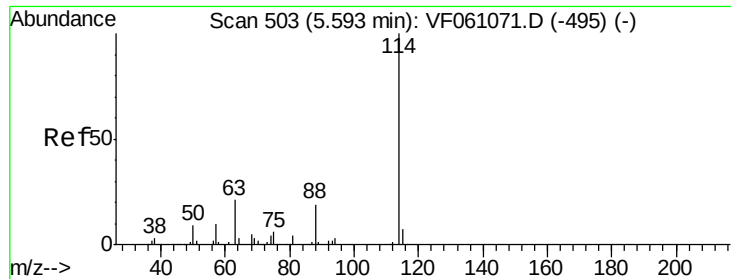
Delta R.T. 0.04 min

Lab File: VF061127.D

Acq: 21 Dec 2018 15:46

Tgt Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	94.6





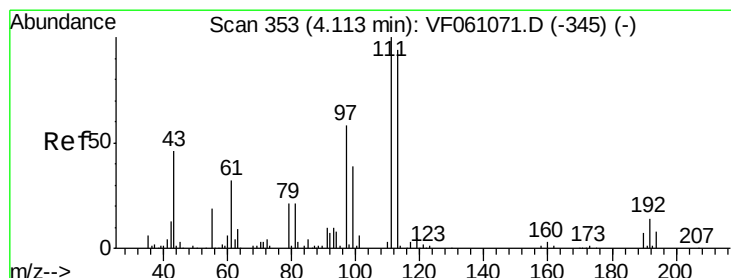
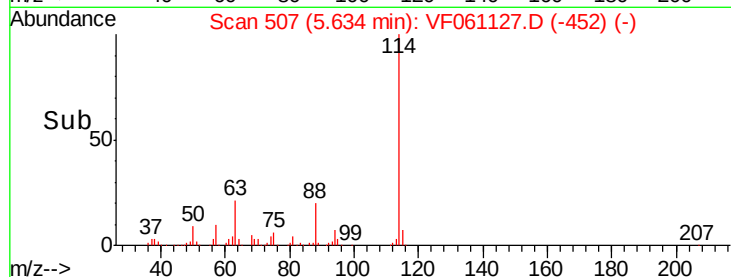
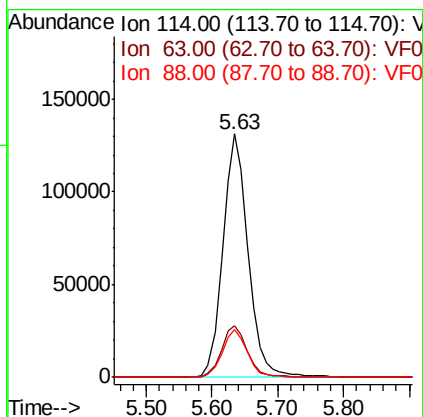
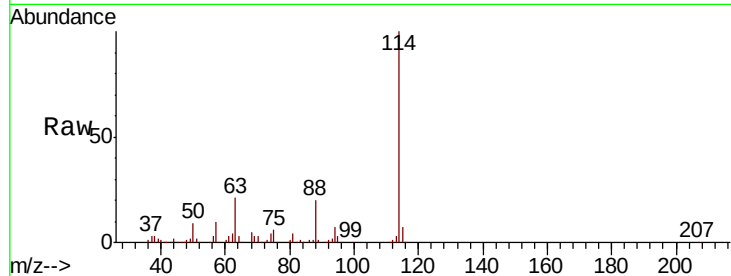
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 507
 Delta R.T. 0.04 min
 Lab File: VF061127.D
 Acq: 21 Dec 2018 15:46

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-02-121818-ARE

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	352522		
63	21.2	0.0	41.6	
88	19.7	0.0	38.0	

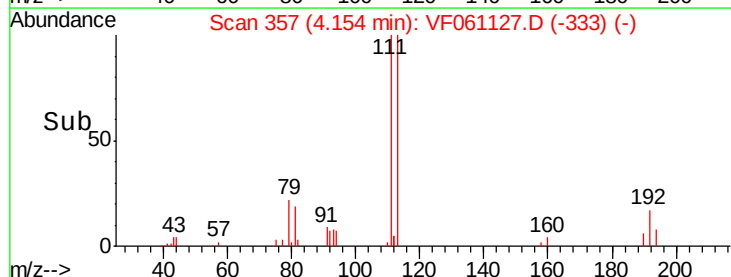
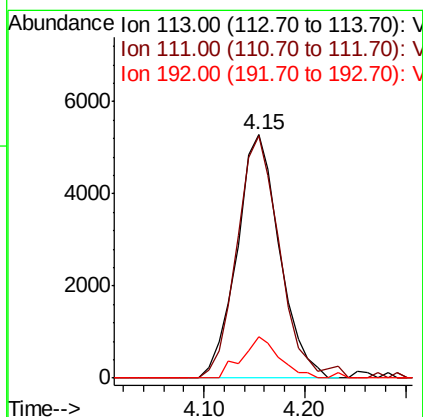
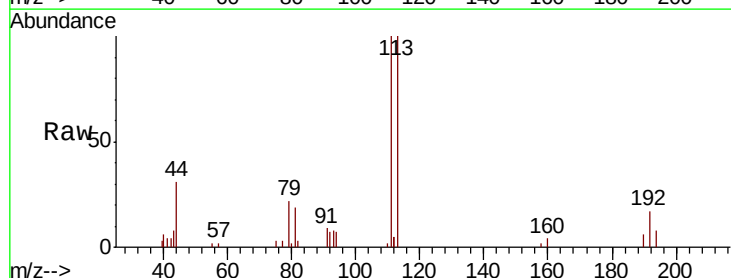
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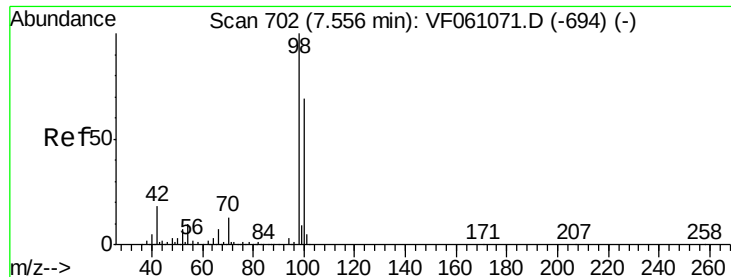
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#35
 Dibromofluoromethane
 Concen: 5.511 ug/l
 RT: 4.15 min Scan# 357
 Delta R.T. 0.04 min
 Lab File: VF061127.D
 Acq: 21 Dec 2018 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	15562		
111	99.8	85.2	127.8	
192	17.2	12.8	19.2	





#50

Toluene-d8

Concen: 4.215 ug/l

RT: 7.59 min Scan# 705

Delta R.T. 0.03 min

Lab File: VF061127.D

Acq: 21 Dec 2018 15:46

Instrument :

MSVOA_F

ClientSampleId :

SU-02-121818-ARE

Tgt Ion: 98 Resp: 33729

Ion Ratio Lower Upper

98 100

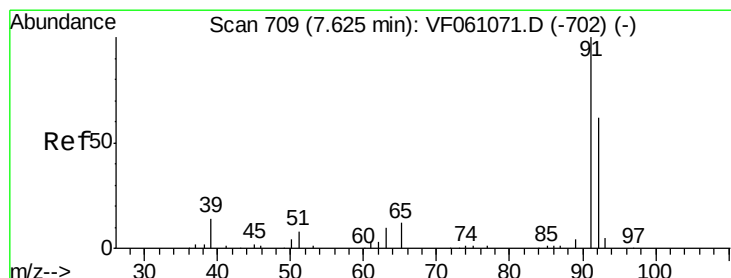
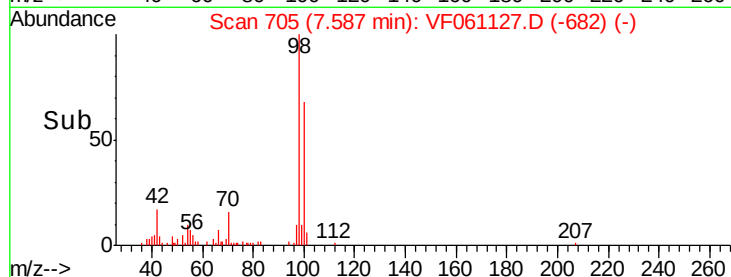
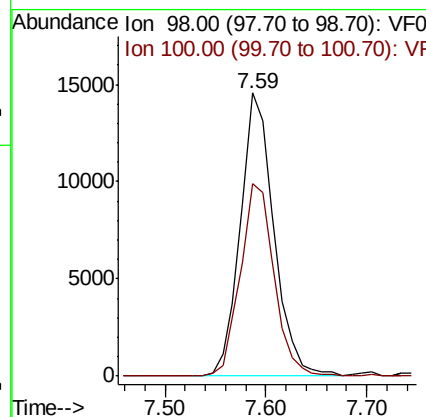
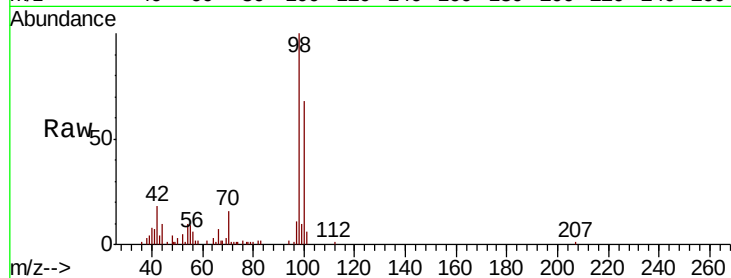
100 67.8 55.3 82.9

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#52

Toluene

Concen: 5.703 ug/l

RT: 7.66 min Scan# 712

Delta R.T. 0.03 min

Lab File: VF061127.D

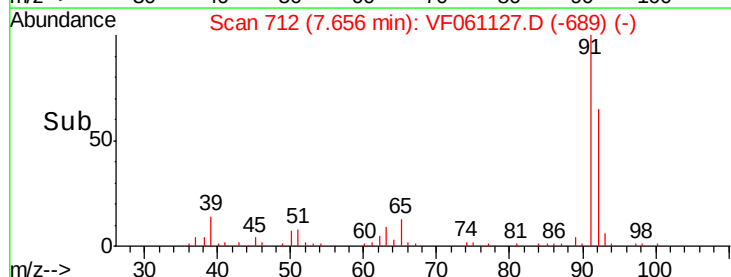
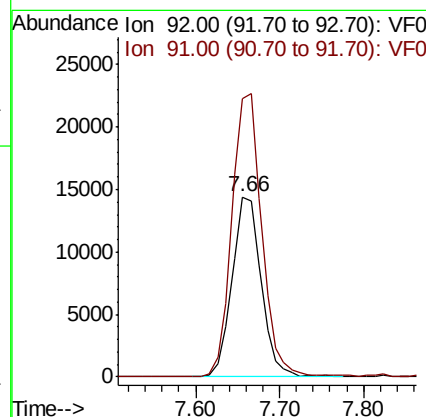
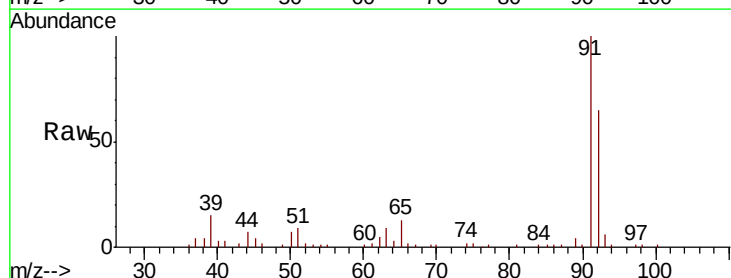
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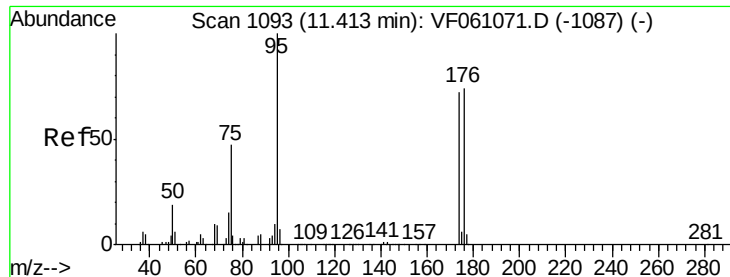
Tgt Ion: 92 Resp: 34543

Ion Ratio Lower Upper

92 100

91 154.4 128.8 193.2





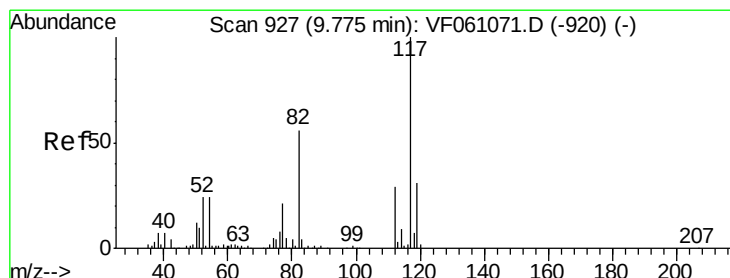
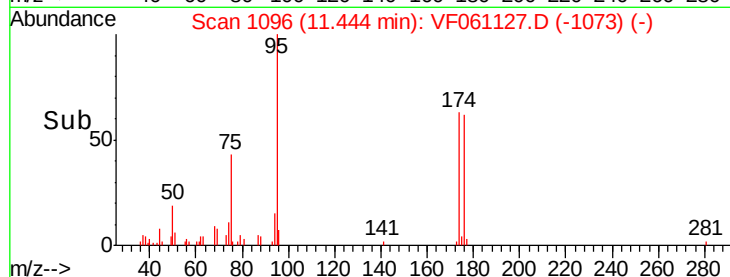
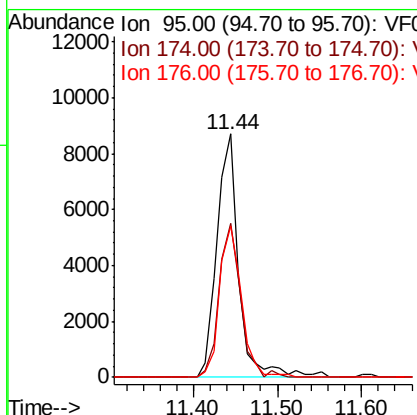
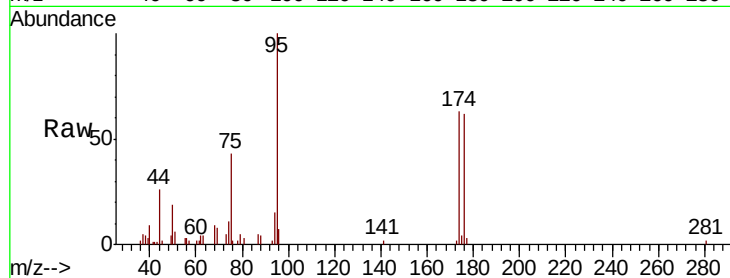
#62
4-Bromofluorobenzene
Concen: 4.273 ug/l
RT: 11.44 min Scan# 1096
Delta R.T. 0.03 min
Lab File: VF061127.D
Acq: 21 Dec 2018 15:46

Instrument :
MSVOA_F
ClientSampleId :
SU-02-121818-ARE

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	15765		
174	63.0	0.0	143.8	
176	62.4	0.0	147.6	

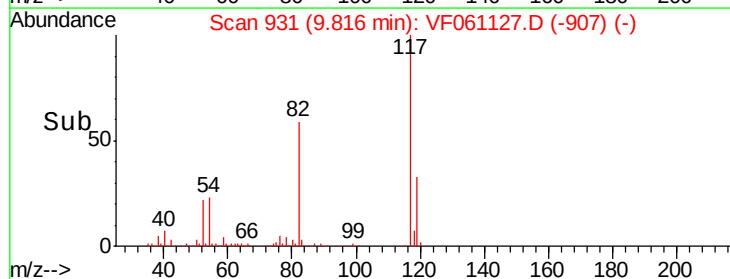
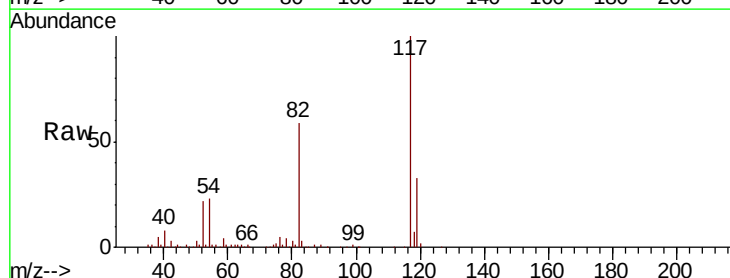
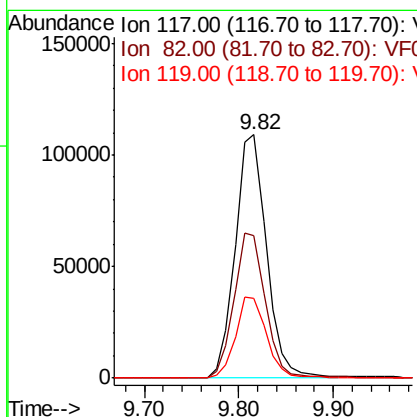
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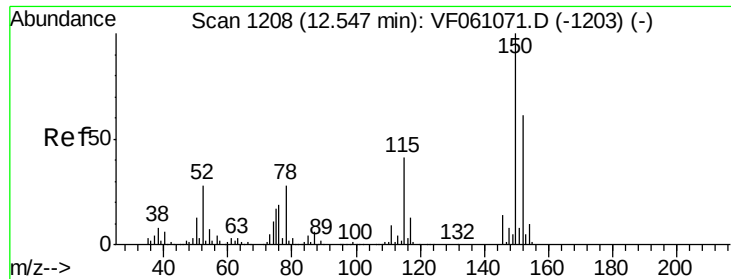
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.82 min Scan# 931
Delta R.T. 0.04 min
Lab File: VF061127.D
Acq: 21 Dec 2018 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	251609		
82	58.7	45.0	67.4	
119	32.8	24.8	37.2	





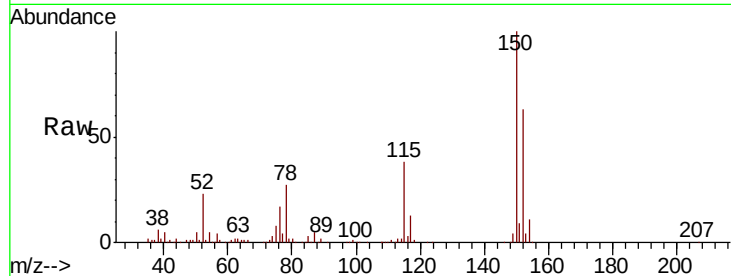
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.58 min Scan# 1211
 Delta R.T. 0.03 min
 Lab File: VF061127.D
 Acq: 21 Dec 2018 15:46

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-02-121818-ARE

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	105168		
115	59.7	33.3	99.9	
150	158.4	0.0	328.2	

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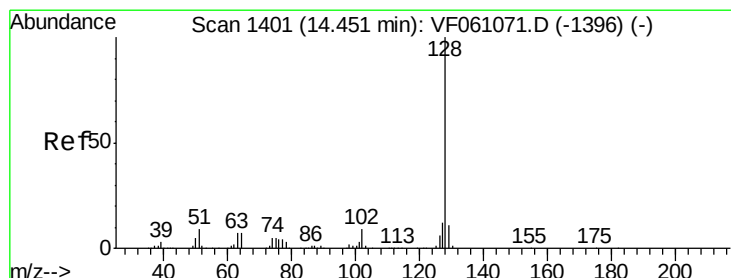
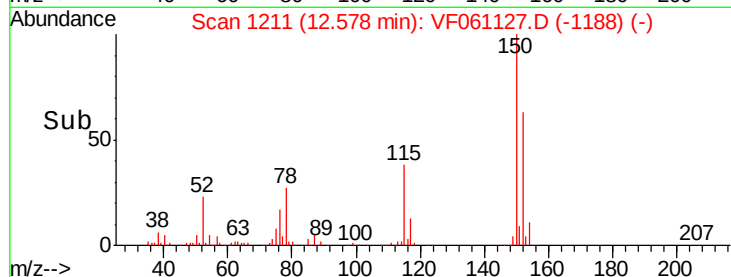
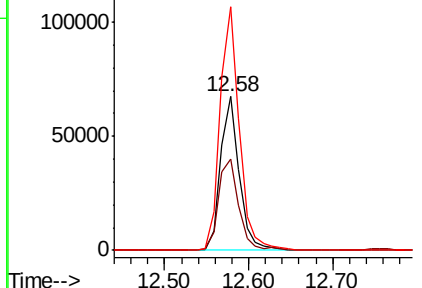


Abundance

Ion 152.00 (151.70 to 152.70): V

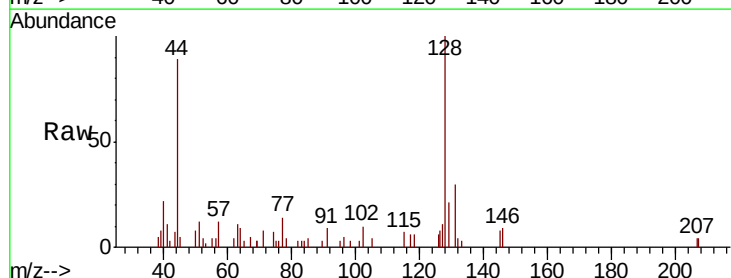
Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



#95
 Naphthalene
 Concen: 1.401 ug/l
 RT: 14.48 min Scan# 1404
 Delta R.T. 0.03 min
 Lab File: VF061127.D
 Acq: 21 Dec 2018 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	6330		
127	10.9	9.4	14.2	
129	21.1	8.8	13.2#	



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

