

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121718\
 Data File : VF061042.D
 Acq On : 17 Dec 2018 16:00
 Operator : VA/AP
 Sample : J6319-12
 Misc : 4.90g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 066_SW-W-2

Manual Integrations
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Quant Time: Dec 18 03:35:45 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	4.89	168	214505	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.62	114	363913	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.79	117	245595	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	108151	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	128139	50.71	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	101.42%	
35) Dibromofluoromethane	4.13	113	139814	48.43	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	96.86%	
50) Toluene-d8	7.57	98	303965	35.74	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	71.48%	
62) 4-Bromofluorobenzene	11.43	95	208002	53.82	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	107.64%	
Target Compounds						
16) Acetone	2.25	43	13883	29.793	ug/l	95
20) Methylene Chloride	2.26	84	4970m	2.907	ug/l	
84) 1,2,4-Trimethylbenzene	12.22	105	9313	1.345	ug/l	86
85) sec-Butylbenzene	12.32	105	39024	4.033	ug/l #	67

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

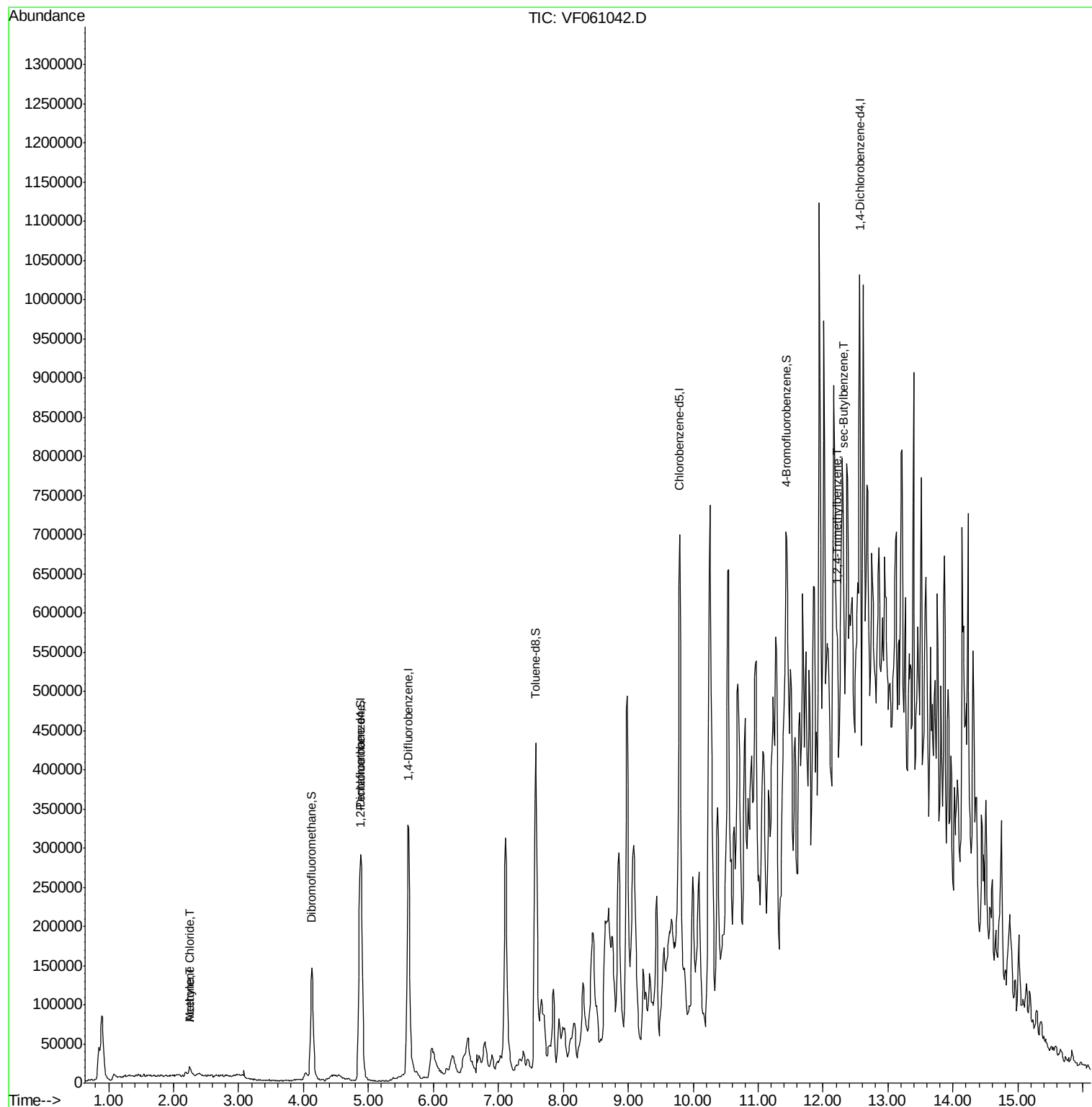
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF121718\
Data File : VF061042.D
Acq On : 17 Dec 2018 16:00
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Sample : J6319-12
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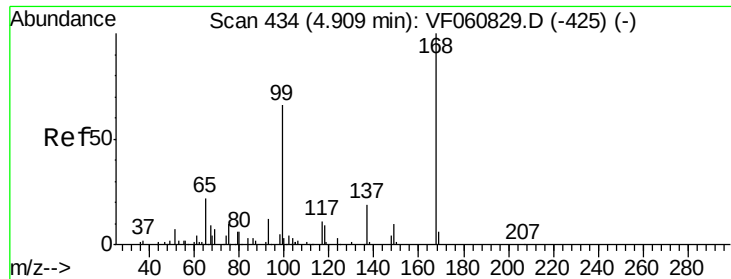
Instrument :
MSVOA_F
ClientSampleId :
066_SW-W-2

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Quant Time: Dec 18 03:35:45 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
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: 4.89 min Scan# 432

Delta R.T. -0.02 min

Lab File: VF061042.D

Acq: 17 Dec 2018 16:00

Instrument :

MSVOA_F

ClientSampleId :

066_SW-W-2

Tot Ion:168 Resp: 214505

Ion Ratio Lower Upper

168 100

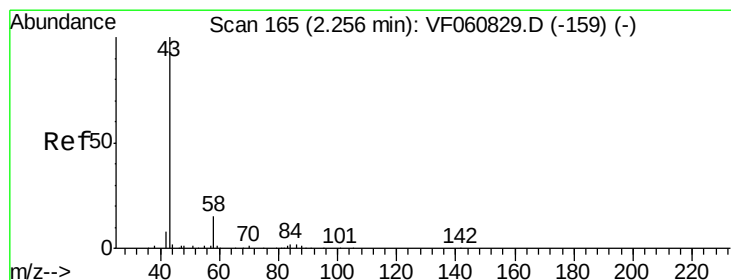
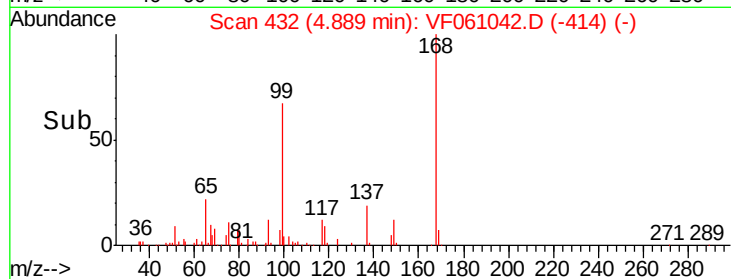
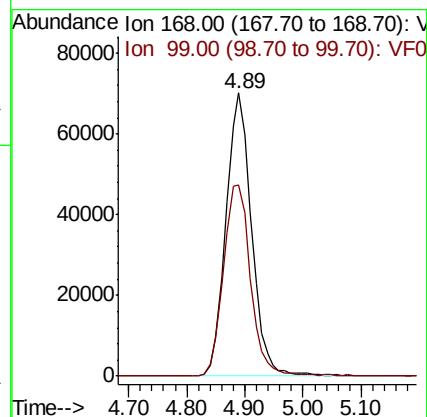
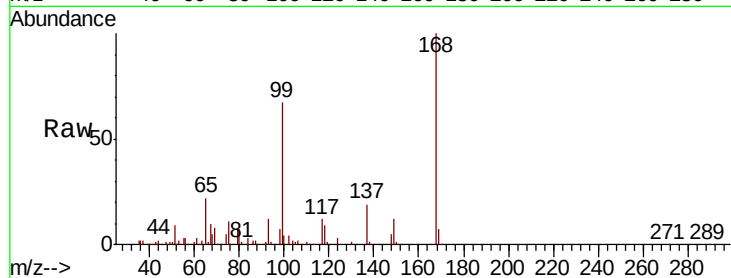
99 67.4 52.6 79.0

Manual Integrations

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#16

Acetone

Concen: 29.793 ug/l

RT: 2.25 min Scan# 164

Delta R.T. -0.01 min

Lab File: VF061042.D

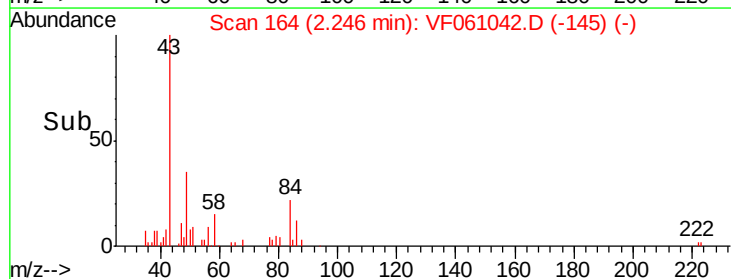
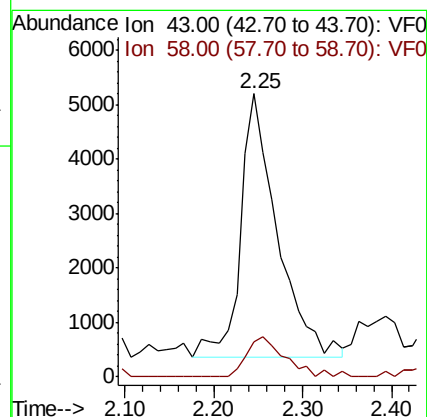
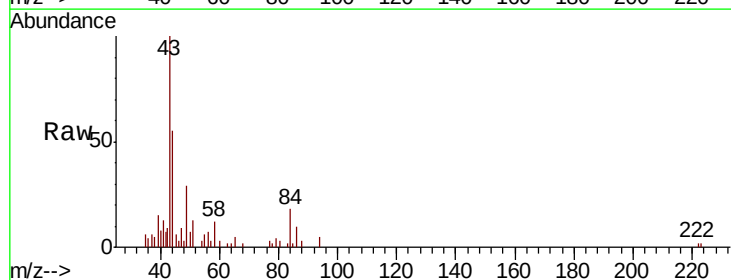
Acq: 17 Dec 2018 16:00

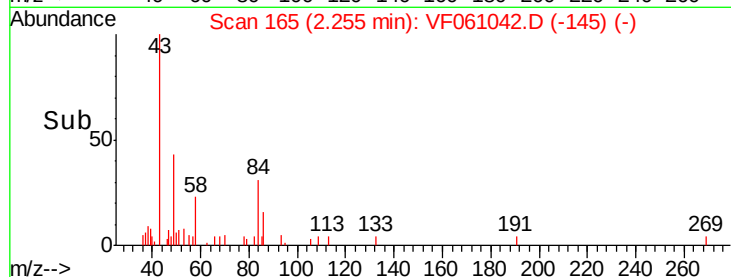
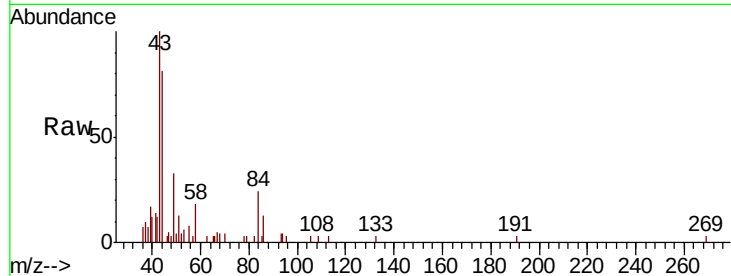
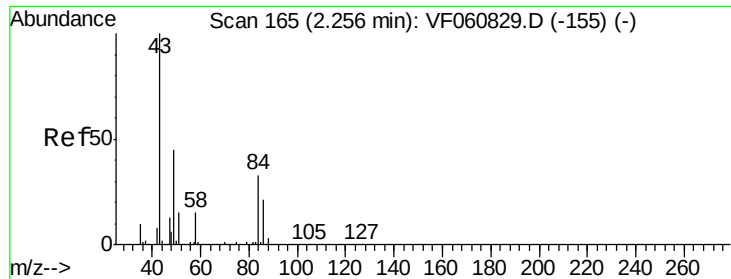
Tgt Ion: 43 Resp: 13883

Ion Ratio Lower Upper

43 100

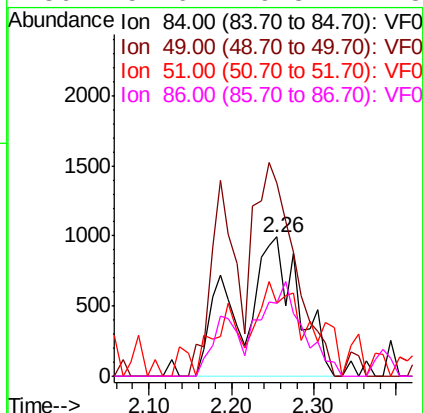
58 12.4 11.4 17.2





#20
Methylene Chloride
Concen: 2.907 ug/l m
RT: 2.26 min Scan# 165
Delta R.T. -0.00 min
Lab File: VF061042.D
Acq: 17 Dec 2018 16:00

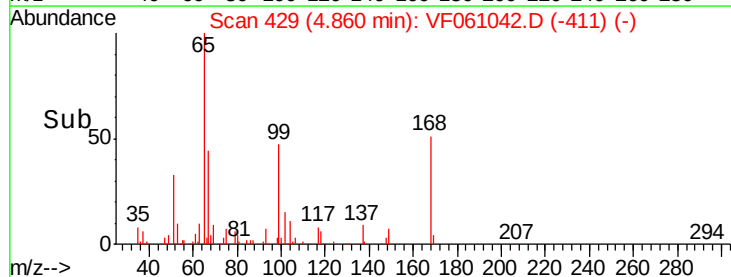
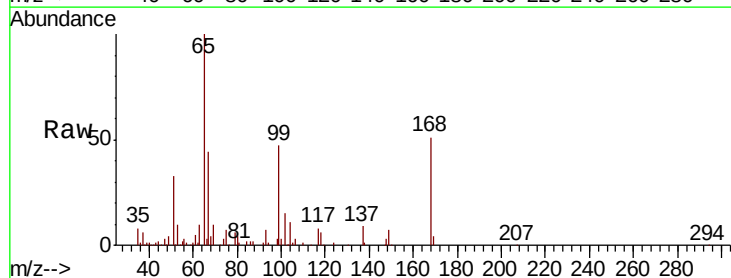
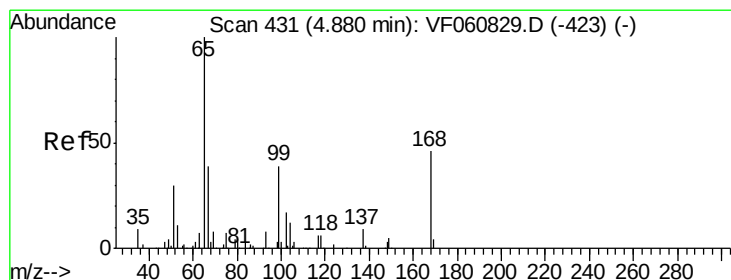
Tot Ion	Ratio	Lower	Upper
84	100		
49	138.4	111.3	166.9
51	52.2	38.0	57.0
86	52.6	49.8	74.8



Instrument :
MSVOA_F
ClientSampleId :
066_SW-W-2

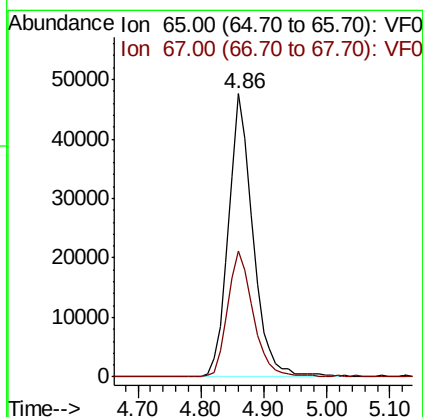
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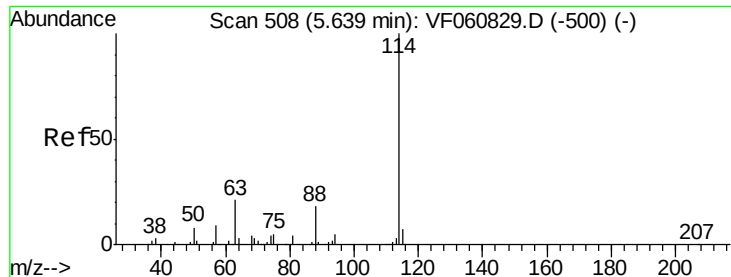
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#33
1,2-Dichloroethane-d4
Concen: 50.709 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.02 min
Lab File: VF061042.D
Acq: 17 Dec 2018 16:00

Tgt Ion	Ratio	Lower	Upper
65	100		
67	44.4	0.0	96.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 506

Delta R.T. -0.02 min

Lab File: VF061042.D

Acq: 17 Dec 2018 16:00

Instrument :

MSVOA_F

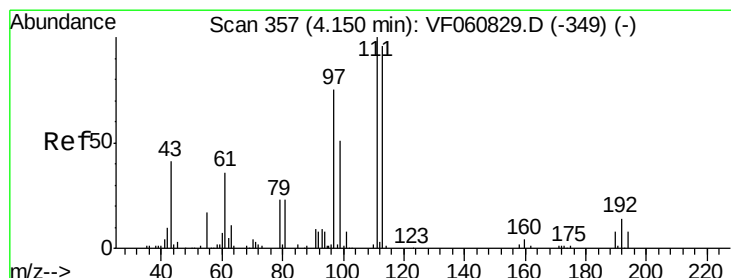
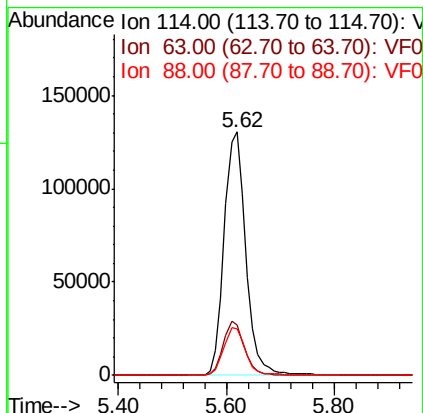
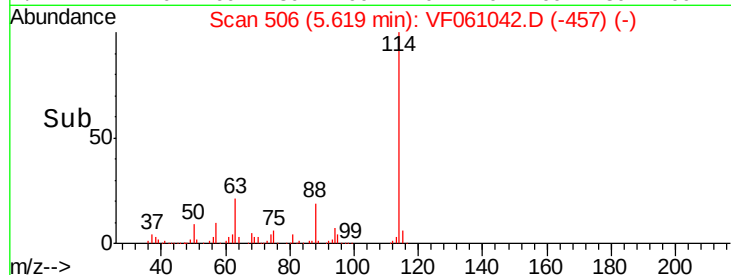
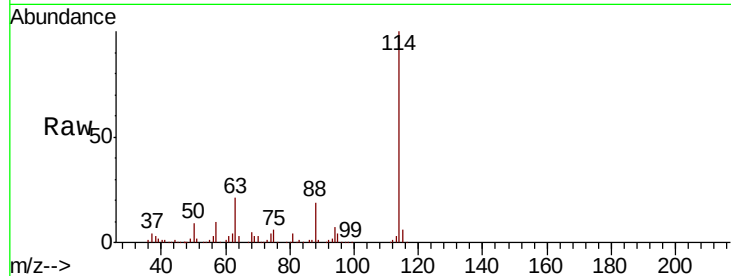
ClientSampleId :

066_SW-W-2

Tot Ion	Ratio	Resp	Lower	Upper
114	100	363913		
63	20.5		0.0	41.6
88	18.8		0.0	36.6

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#35

Dibromofluoromethane

Concen: 48.429 ug/l

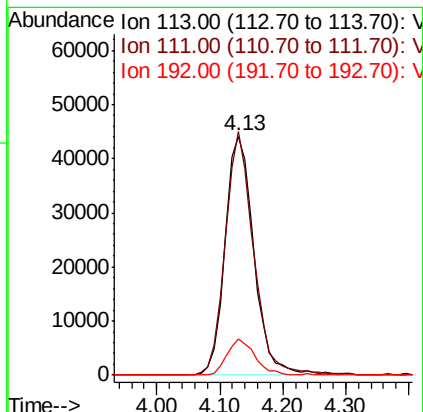
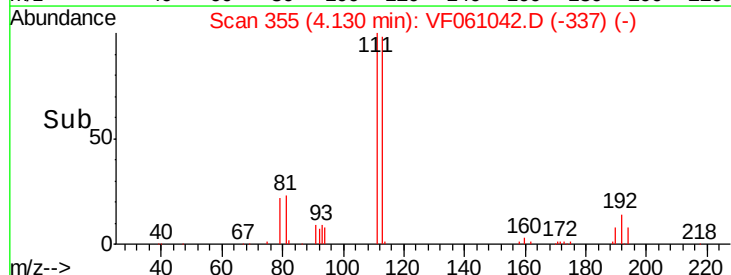
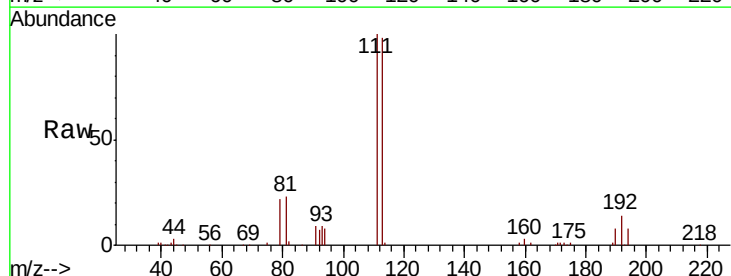
RT: 4.13 min Scan# 355

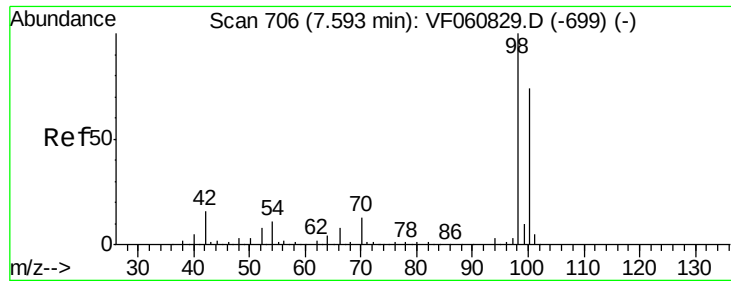
Delta R.T. -0.02 min

Lab File: VF061042.D

Acq: 17 Dec 2018 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	139814		
111	101.9		83.0	124.6
192	15.0		12.3	18.5





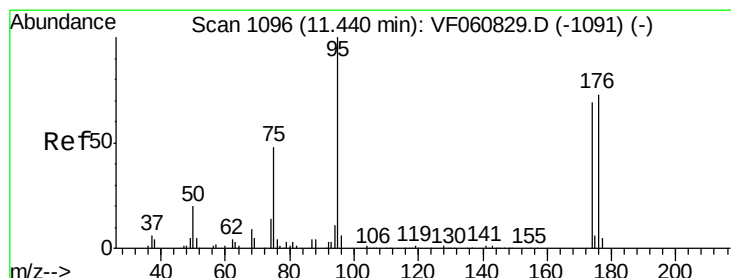
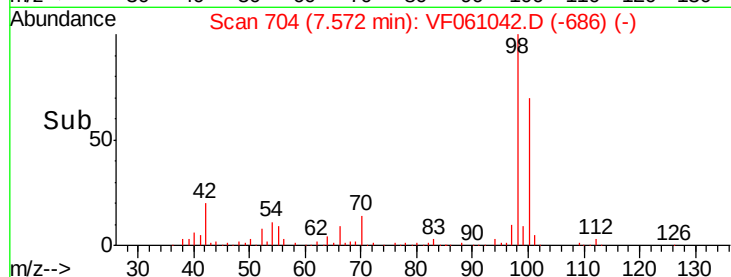
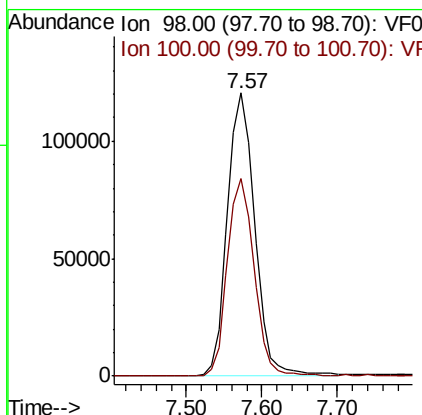
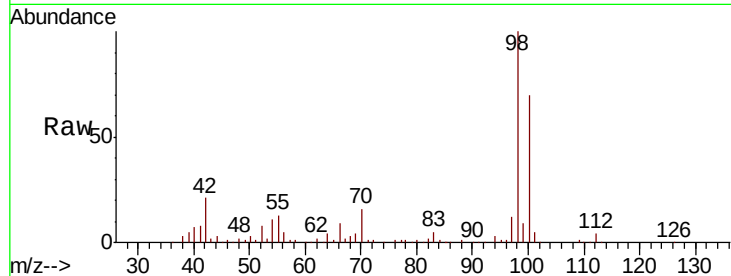
#50
Toluene-d8
Concen: 35.743 ug/l
RT: 7.57 min Scan# 704
Delta R.T. -0.02 min
Lab File: VF061042.D
Acq: 17 Dec 2018 16:00

Instrument :
MSVOA_F
ClientSampleId :
066_SW-W-2

Tot Ion: 98 Resp: 303965
Ion Ratio Lower Upper
98 100
100 69.9 59.3 88.9

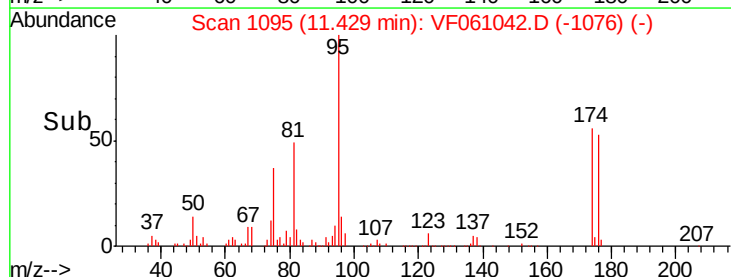
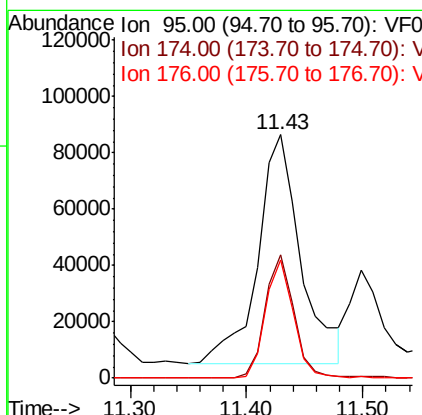
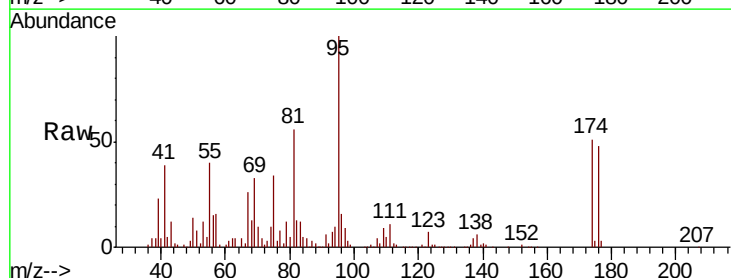
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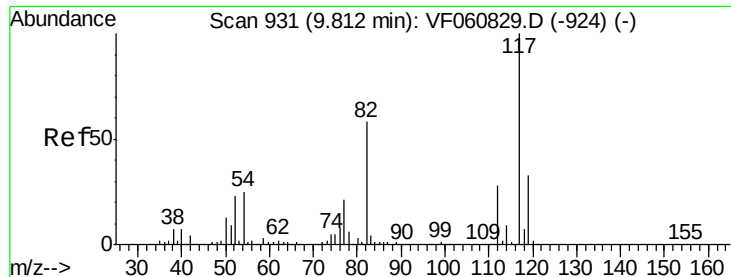
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#62
4-Bromofluorobenzene
Concen: 53.816 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VF061042.D
Acq: 17 Dec 2018 16:00

Tgt Ion: 95 Resp: 208002
Ion Ratio Lower Upper
95 100
174 50.9 0.0 138.2
176 48.4 0.0 146.2





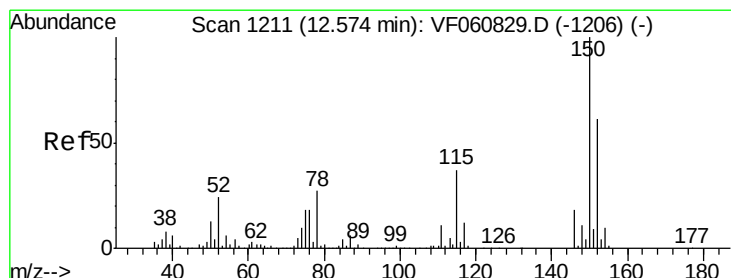
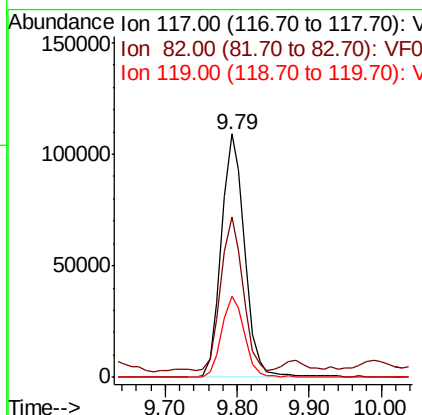
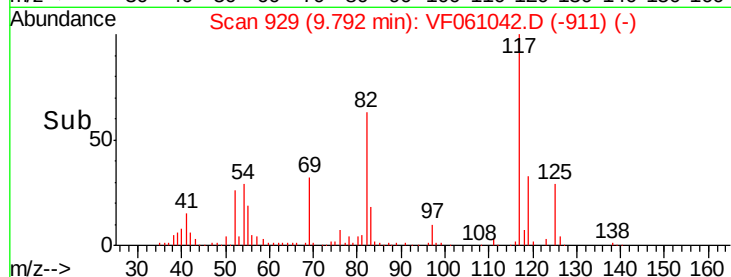
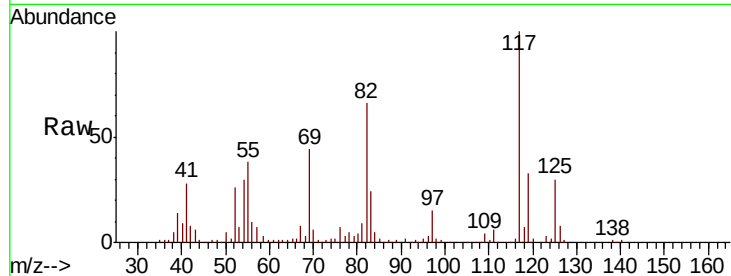
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. -0.02 min
Lab File: VF061042.D
Acq: 17 Dec 2018 16:00

Instrument :
MSVOA_F
ClientSampleId :
066_SW-W-2

Tot Ion	Ratio	Resp	Lower	Upper
117	100	245595		
82	65.7	46.6	69.8	
119	33.3	26.4	39.6	

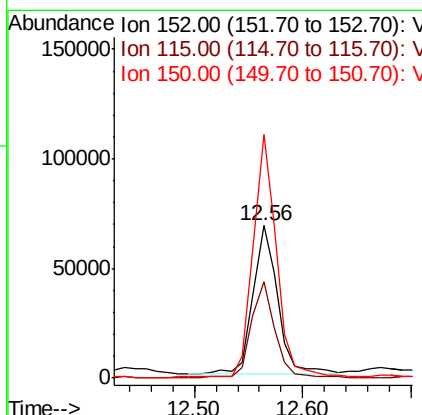
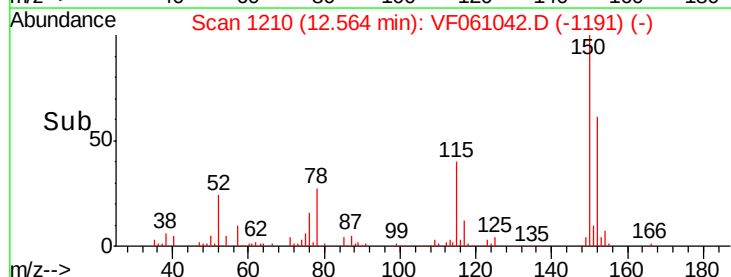
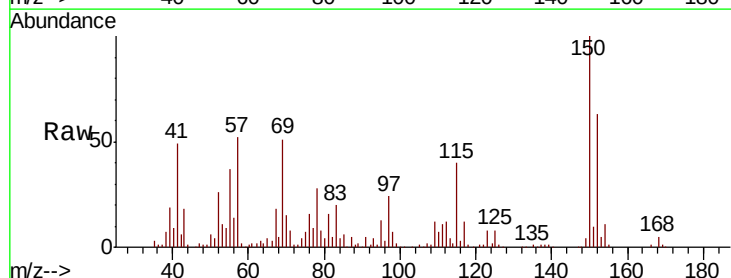
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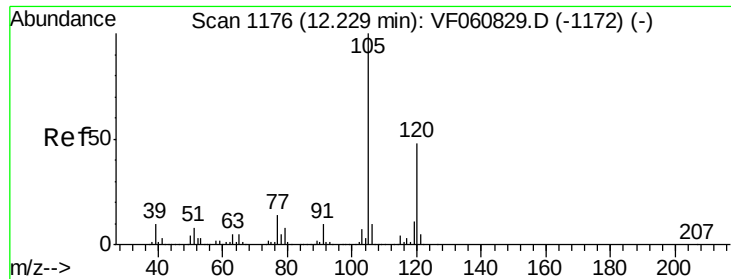
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VF061042.D
Acq: 17 Dec 2018 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	108151		
115	63.5	30.1	90.5	
150	160.0	0.0	327.6	





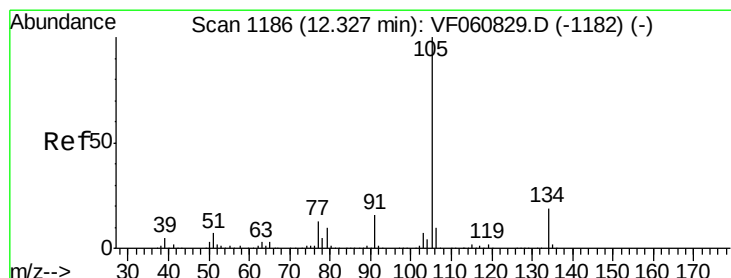
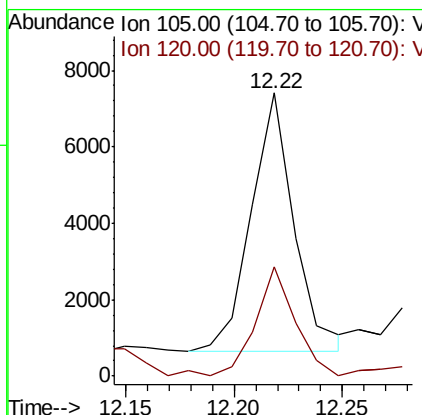
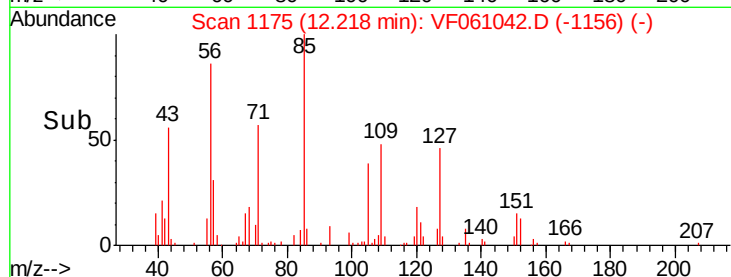
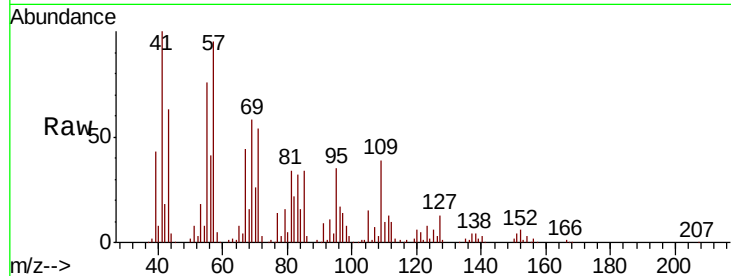
#84
 1,2,4-Trimethylbenzene
 Concen: 1.345 ug/l
 RT: 12.22 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: VF061042.D
 Acq: 17 Dec 2018 16:00

Instrument :
 MSVOA_F
 ClientSampleId :
 066_SW-W-2

Tot Ion	Ratio	Lower	Upper
105	100		
120	38.4	23.8	71.5

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#85
 sec-Butylbenzene
 Concen: 4.033 ug/l
 RT: 12.32 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: VF061042.D
 Acq: 17 Dec 2018 16:00

Tgt Ion	Ratio	Lower	Upper
105	100		
134	33.9	9.5	28.5#

