

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022819\
 Data File : VF061796.D
 Acq On : 28 Feb 2019 19:19
 Operator : VA/AP
 Sample : K1654-01
 Misc : 5.33q/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SOIL-PILE

Manual Integrations
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 3/2/2019 4:09:58 AM

Quant Time: Mar 01 00:49:17 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	4.85	168	297573	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	459843	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.75	117	372958	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	189469	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	96481	44.21	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	88.42%	
35) Dibromofluoromethane	4.09	113	142931	41.86	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	83.72%	
50) Toluene-d8	7.54	98	319886	32.59	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	65.18%	
62) 4-Bromofluorobenzene	11.40	95	144563	36.40	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	72.80%	
Target Compounds						
16) Acetone	2.23	43	29690	63.414	ug/l #	88
20) Methylene Chloride	2.24	84	24937m	7.813	ug/l	
52) Toluene	7.60	92	42542	5.887	ug/l	90
68) m/p-Xylenes	10.12	106	12737	2.644	ug/l	94
69) o-Xylene	10.70	106	6157	1.198	ug/l	75

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

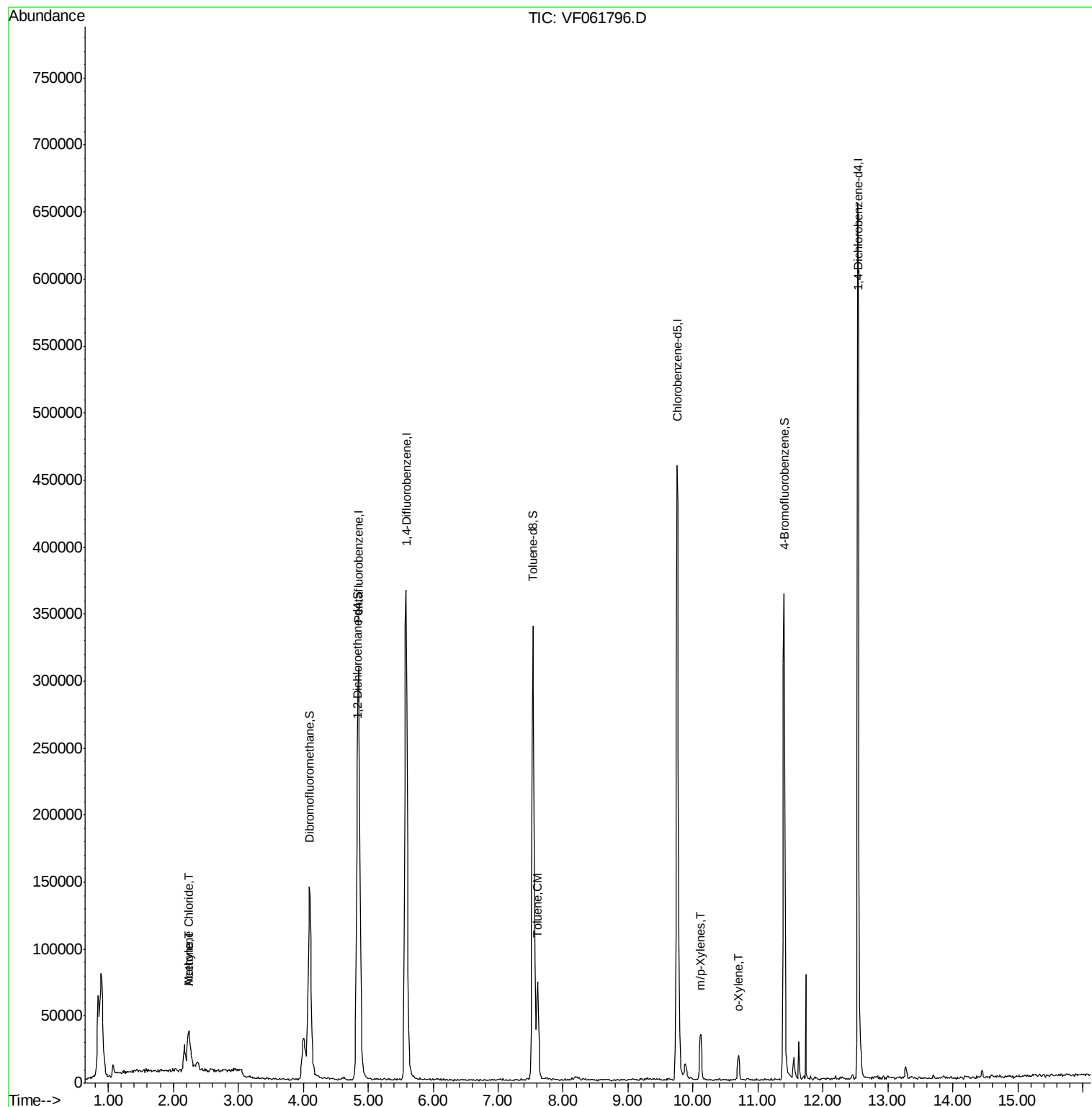
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022819\
Data File : VF061796.D
Acq On : 28 Feb 2019 19:19
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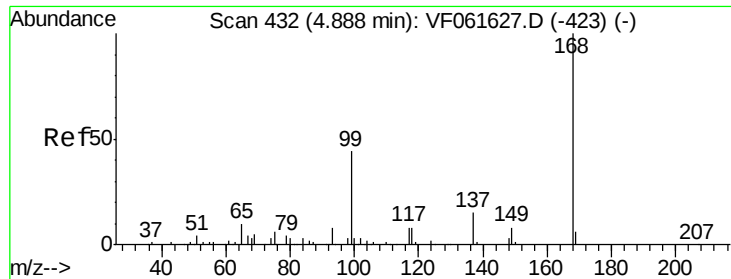
Instrument :
MSVOA_F
ClientSampleId :
SOIL-PILE

Manual Integrations
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3/2/2019 4:09:58 AM

Quant Time: Mar 01 00:49:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.03 min

Lab File: VF061796.D

Acq: 28 Feb 2019 19:19

Instrument :

MSVOA_F

ClientSampled :

SOIL-PILE

Tot Ion:168 Resp: 297573

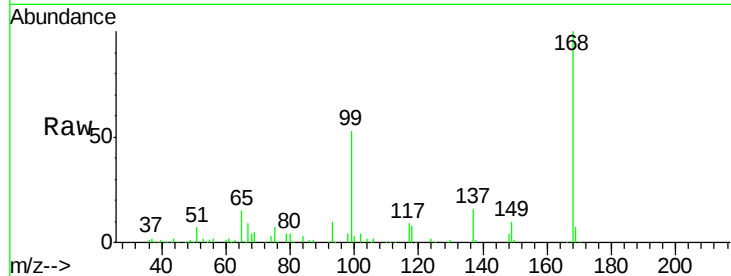
Ion Ratio Lower Upper

168 100

99 52.6 34.9 52.3#

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

100000

80000

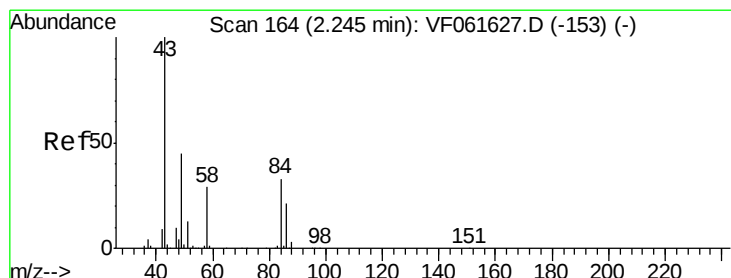
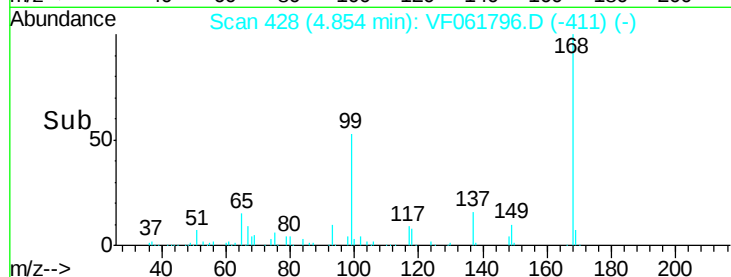
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 63.414 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.01 min

Lab File: VF061796.D

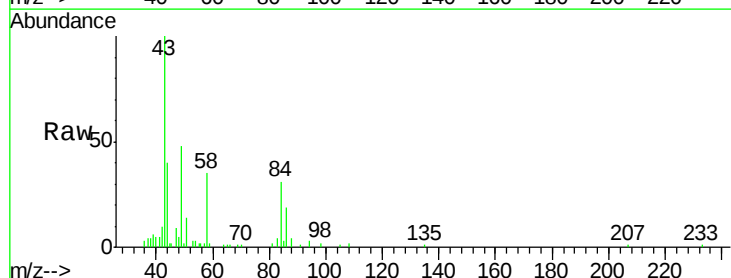
Acq: 28 Feb 2019 19:19

Tgt Ion: 43 Resp: 29690

Ion Ratio Lower Upper

43 100

58 35.0 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

10000

8000

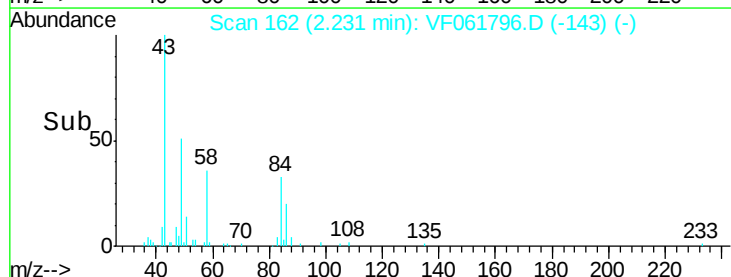
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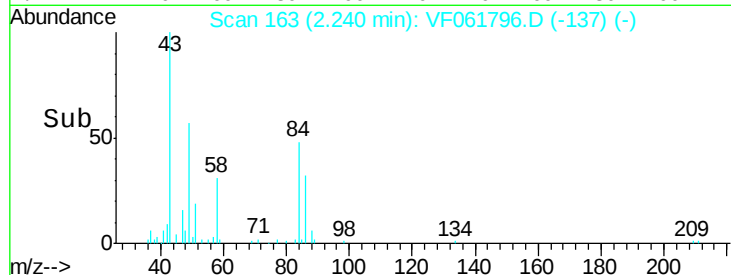
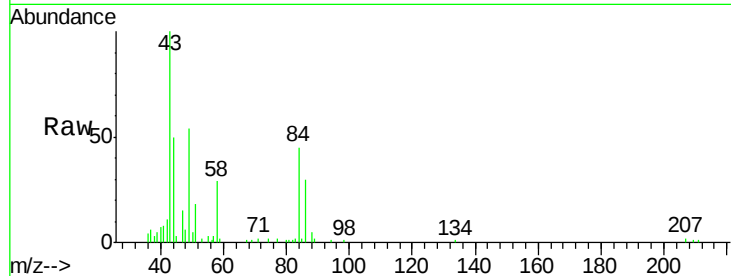
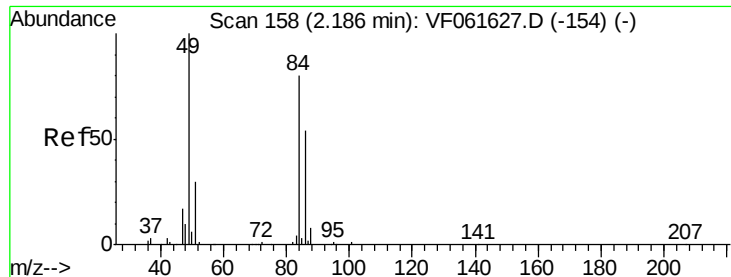
4000

2000

0

Time-->





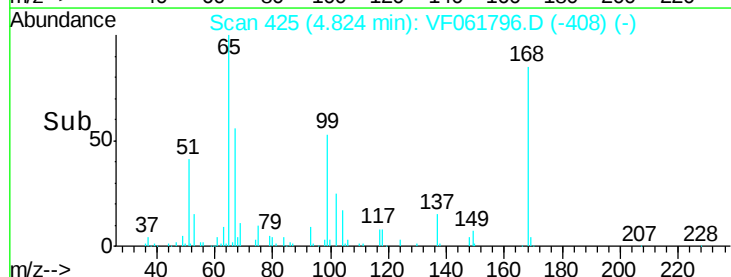
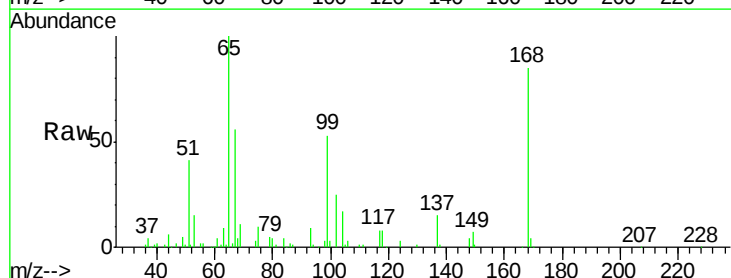
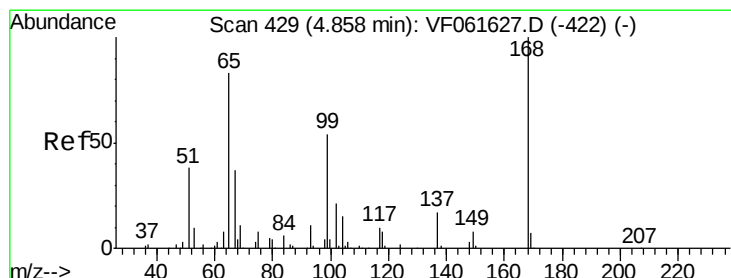
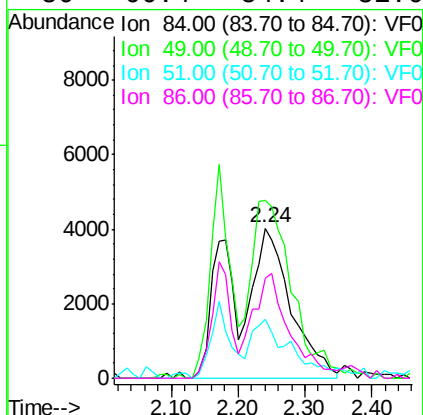
#20
Methvlene Chloride
Concen: 7.813 ug/l m
RT: 2.24 min Scan# 163
Delta R.T. 0.05 min
Lab File: VF061796.D
Acq: 28 Feb 2019 19:19

Tot Ion	84	Resp	24937
Ion Ratio	100	Lower	Upper
49	118.9	101.8	152.8
51	39.5	31.1	46.7
86	66.4	54.4	81.6

Instrument :
MSVOA_F
ClientSampleId :
SOIL-PILE

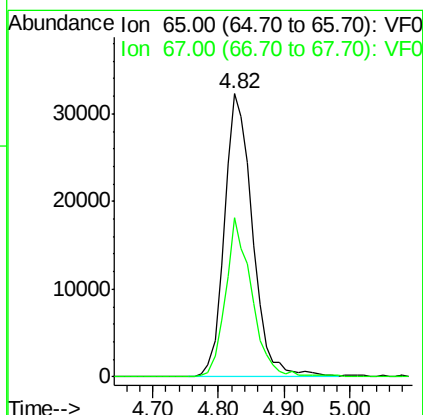
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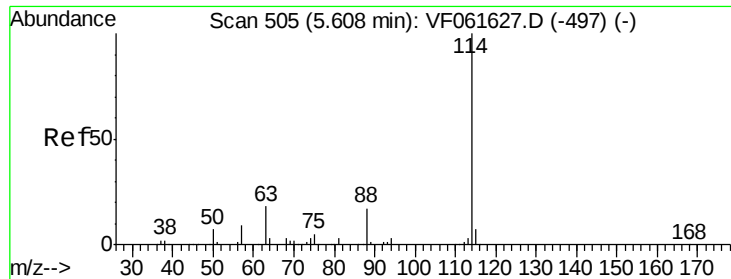
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#33
1,2-Dichloroethane-d4
Concen: 44.214 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.03 min
Lab File: VF061796.D
Acq: 28 Feb 2019 19:19

Tgt Ion	65	Resp	96481
Ion Ratio	100	Lower	Upper
67	56.1	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.02 min

Lab File: VF061796.D

Acq: 28 Feb 2019 19:19

Instrument :

MSVOA_F

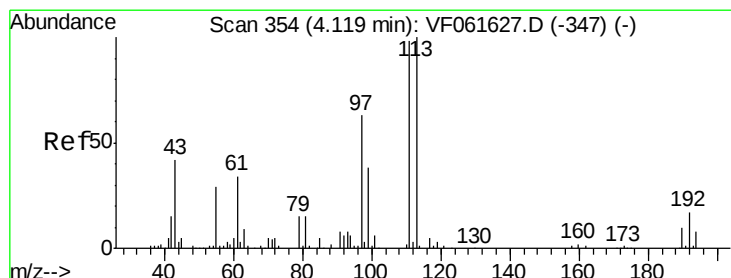
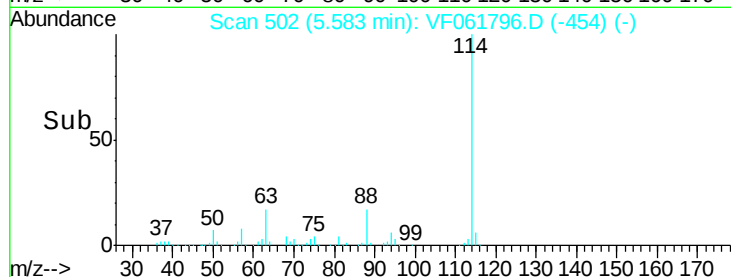
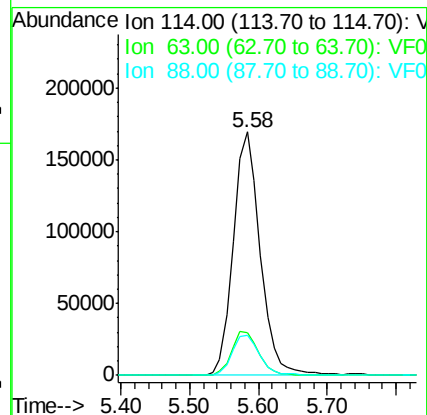
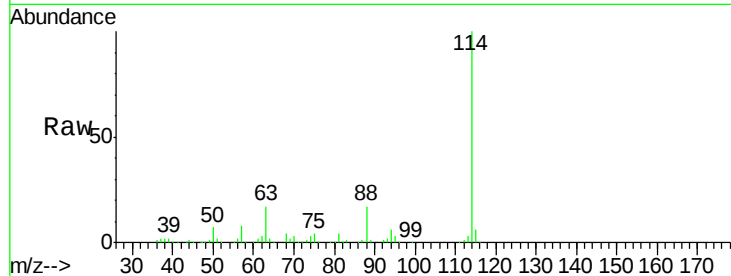
ClientSampleId :

SOIL-PILE

Tot Ion:	114	Resp:	459843
Ion Ratio	Lower	Upper	
114	100		
63	17.5	0.0	36.6
88	16.6	0.0	34.4

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#35

Dibromofluoromethane

Concen: 41.856 ug/l

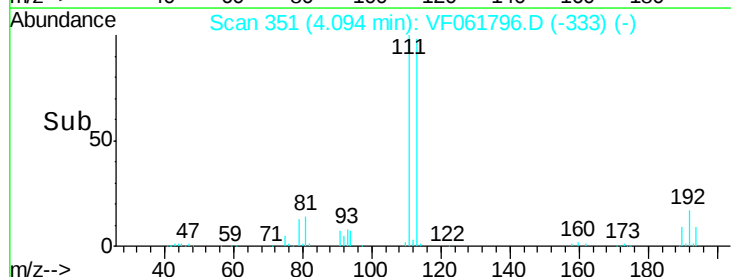
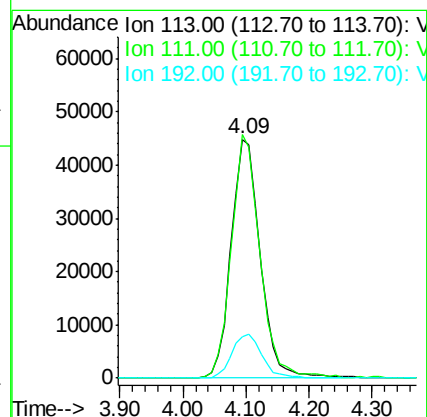
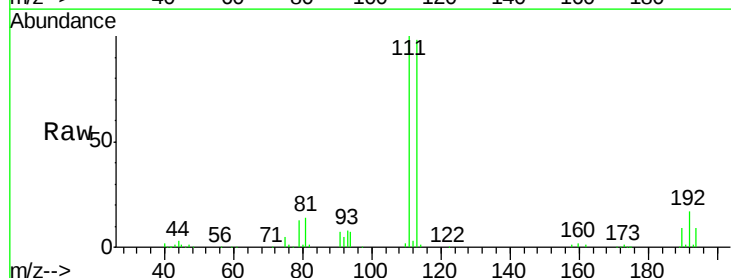
RT: 4.09 min Scan# 351

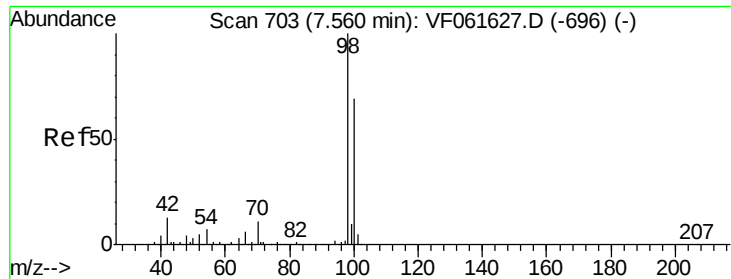
Delta R.T. -0.02 min

Lab File: VF061796.D

Acq: 28 Feb 2019 19:19

Tgt Ion:	113	Resp:	142931
Ion Ratio	Lower	Upper	
113	100		
111	101.9	78.8	118.2
192	17.2	13.4	20.0





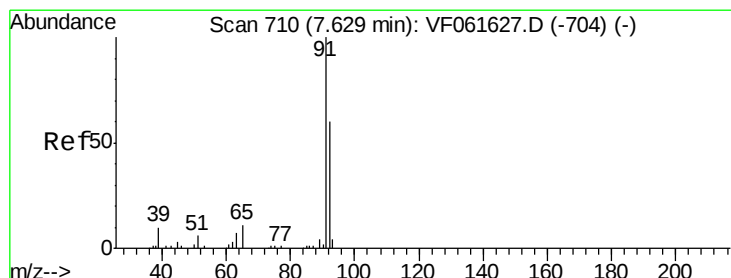
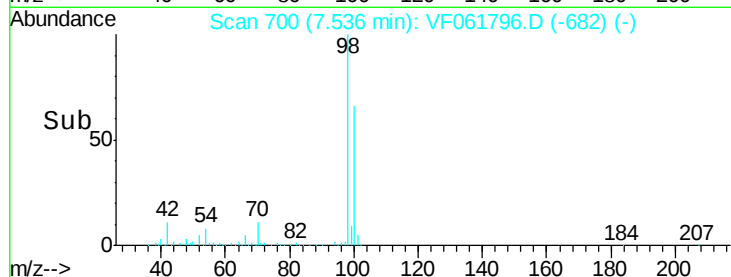
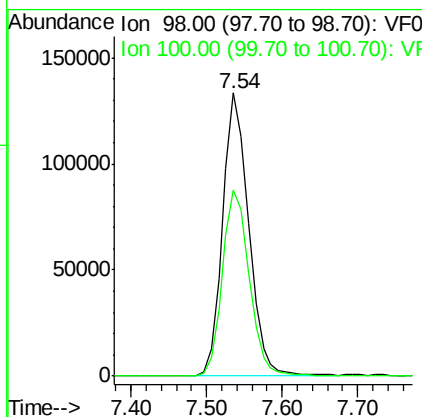
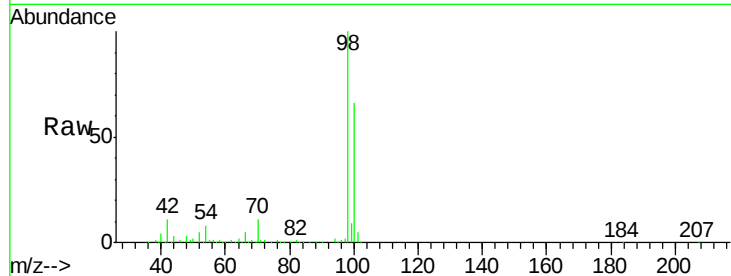
#50
Toluene-d8
Concen: 32.586 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.02 min
Lab File: VF061796.D
Acq: 28 Feb 2019 19:19

Instrument :
MSVOA_F
ClientSampleId :
SOIL-PILE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
98	100		319886		
100	65.7		55.4		83.2

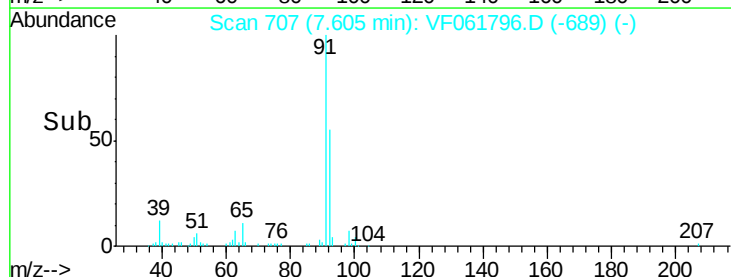
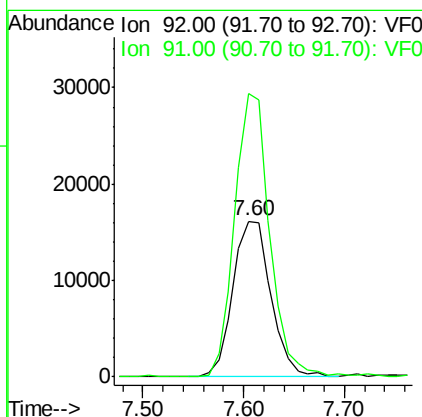
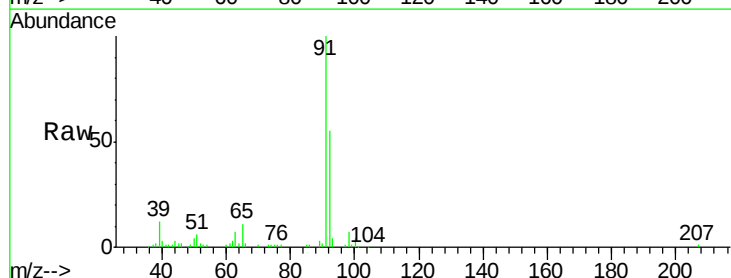
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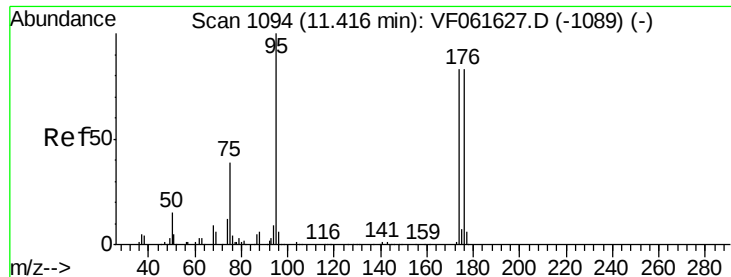
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#52
Toluene
Concen: 5.887 ug/l
RT: 7.60 min Scan# 707
Delta R.T. -0.02 min
Lab File: VF061796.D
Acq: 28 Feb 2019 19:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
92	100		42542		
91	181.5		133.9		200.9





#62

4-Bromofluorobenzene

Concen: 36.396 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF061796.D

Acq: 28 Feb 2019 19:19

Instrument :

MSVOA_F

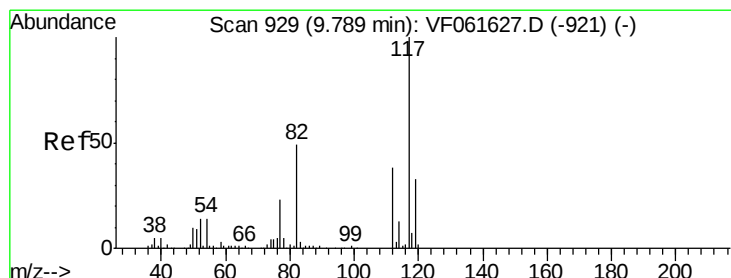
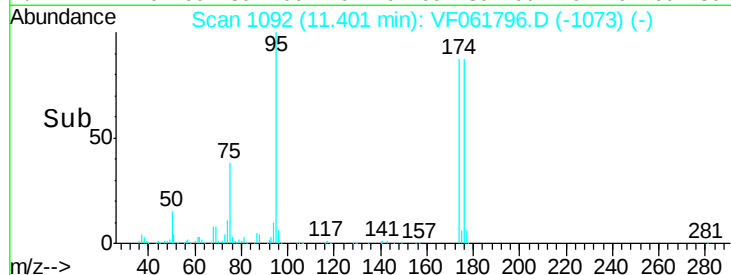
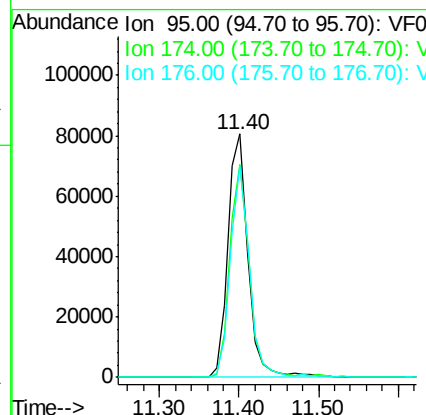
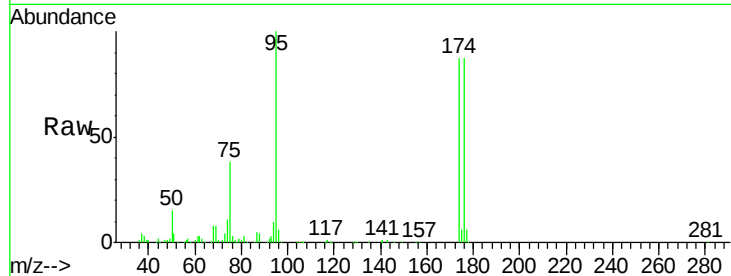
ClientSampled :

SOIL-PILE

Tot Ion:	95	Resp:	144563
Ion Ratio	Lower	Upper	
95	100		
174	87.3	0.0	165.8
176	87.0	0.0	167.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

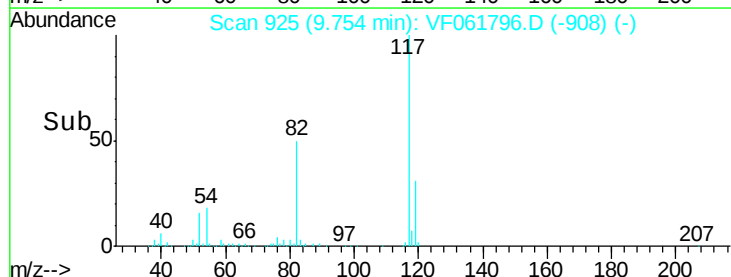
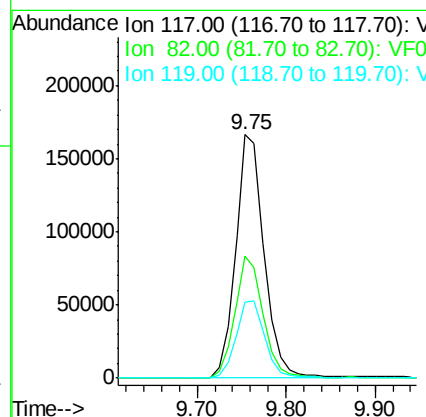
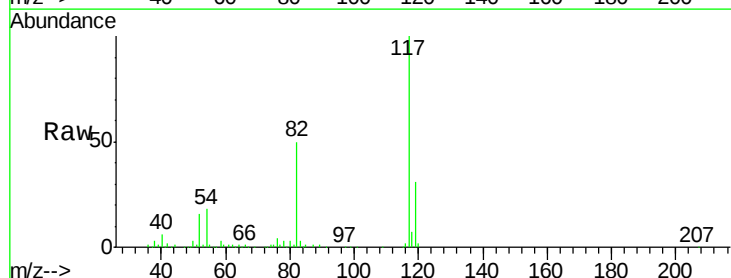
RT: 9.75 min Scan# 925

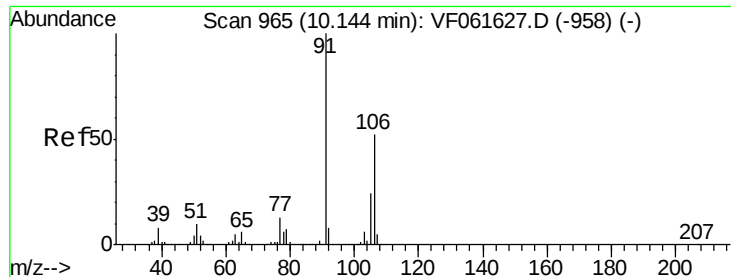
Delta R.T. -0.03 min

Lab File: VF061796.D

Acq: 28 Feb 2019 19:19

Tgt Ion:	117	Resp:	372958
Ion Ratio	Lower	Upper	
117	100		
82	50.1	39.3	58.9
119	31.1	26.6	40.0





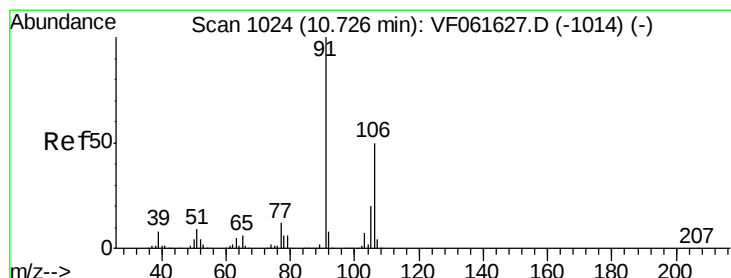
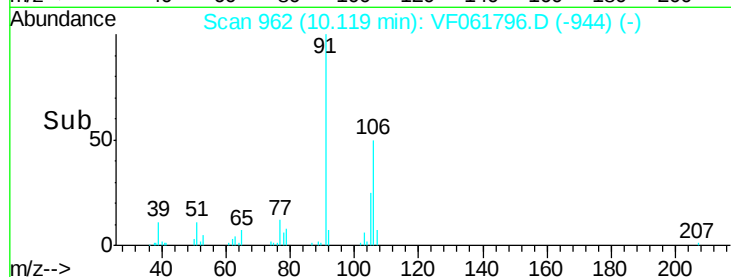
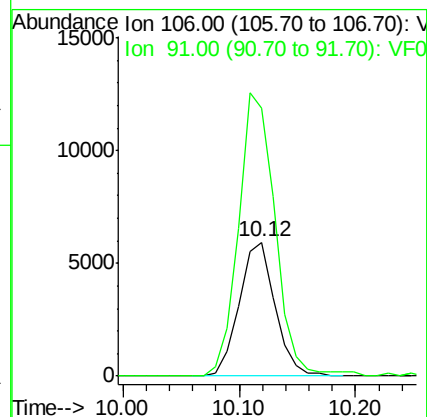
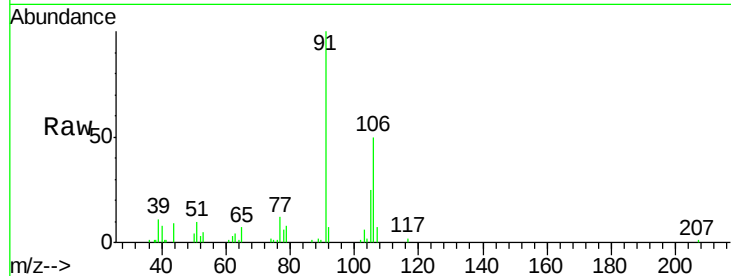
#68
m/p-Xylenes
Concen: 2.644 ug/l
RT: 10.12 min Scan# 962
Delta R.T. -0.02 min
Lab File: VF061796.D
Acq: 28 Feb 2019 19:19

Instrument :
MSVOA_F
ClientSampled :
SOIL-PILE

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	200.7	153.0	229.6	

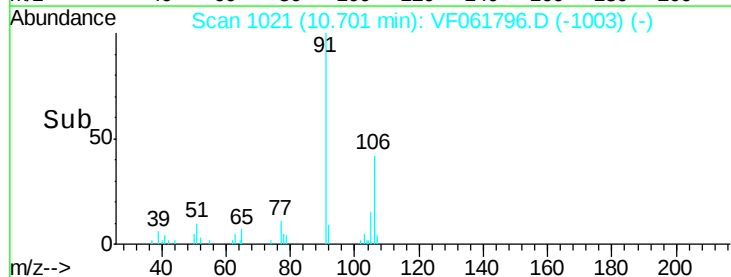
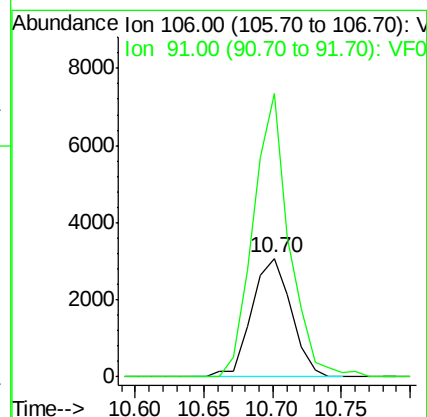
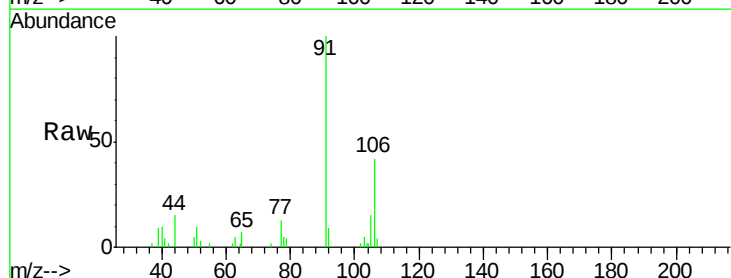
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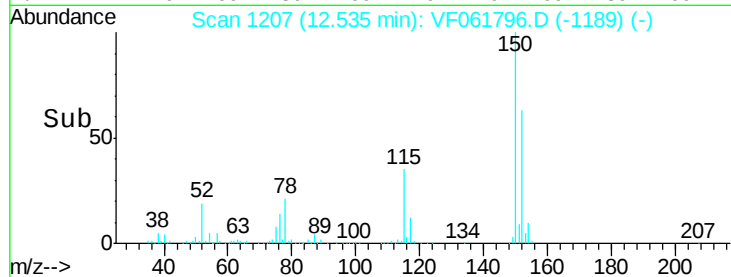
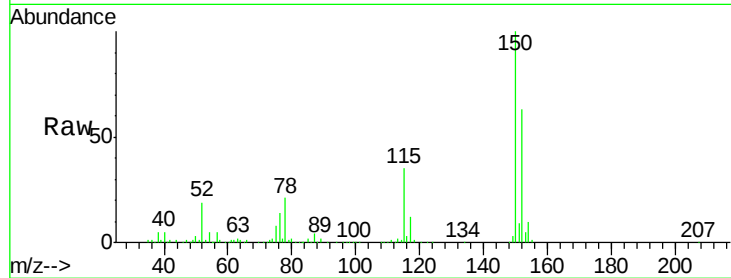
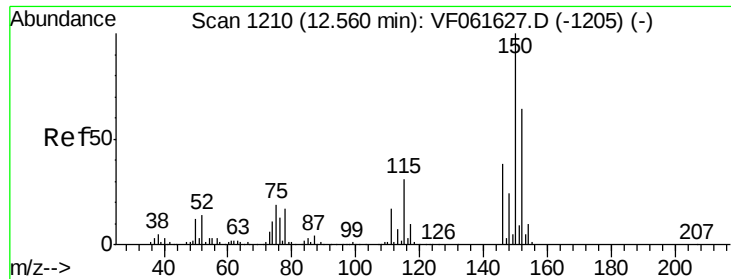
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#69
o-Xylene
Concen: 1.198 ug/l
RT: 10.70 min Scan# 1021
Delta R.T. -0.02 min
Lab File: VF061796.D
Acq: 28 Feb 2019 19:19

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	238.5	100.1	300.1	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1207

Delta R.T. -0.02 min

Lab File: VF061796.D

Acq: 28 Feb 2019 19:19

Instrument :

MSVOA_F

ClientSampleId :

SOIL-PILE

Tot Ion:152 Resp: 189469

Ion Ratio Lower Upper

152 100

115 55.1 24.3 72.8

150 158.7 0.0 312.0

Manual Integrations

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