

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122218\
 Data File : VF061148.D
 Acq On : 22 Dec 2018 16:57
 Operator : VA/AP
 Sample : J6461-01
 Misc : 5.06g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NCC-KEARNY-TOPSOIL

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 11:05:28 AM

Quant Time: Dec 24 03:32:46 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	4.89	168	160581	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.61	114	254088	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.80	117	126077	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.57	152	65373	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	128080	62.01	ug/l	0.02
Spiked Amount 50.000			Recovery	=	124.02%	
35) Dibromofluoromethane	4.13	113	135906	66.77	ug/l	0.02
Spiked Amount 50.000			Recovery	=	133.54%	
50) Toluene-d8	7.58	98	113160	19.62	ug/l	0.02
Spiked Amount 50.000			Recovery	=	39.24%	
62) 4-Bromofluorobenzene	11.42	95	98431	37.02	ug/l	0.01
Spiked Amount 50.000			Recovery	=	74.04%	
Target Compounds						
20) Methylene Chloride	2.24	84	15144m	7.676	ug/l	Qvalue

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

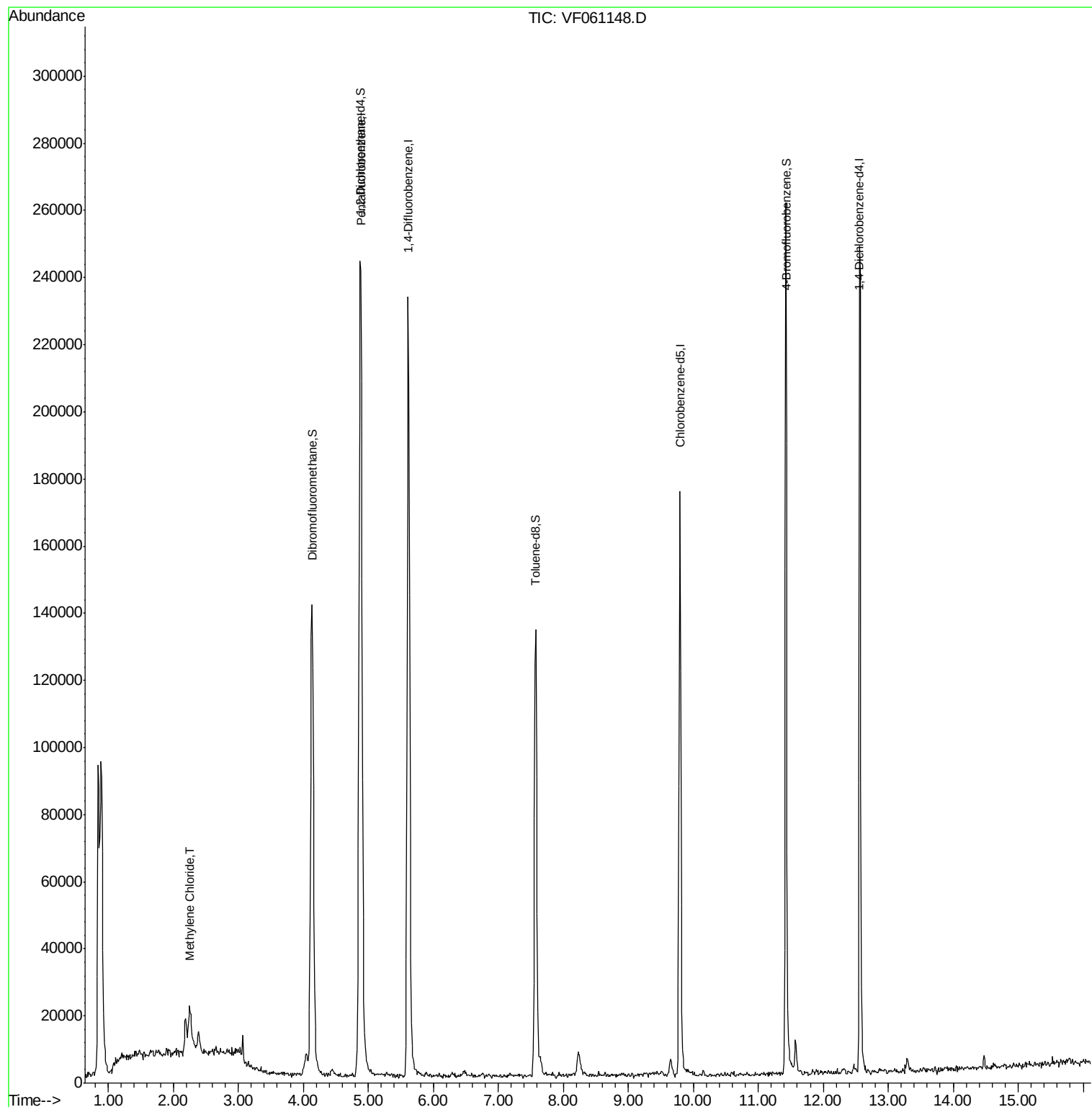
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF122218\
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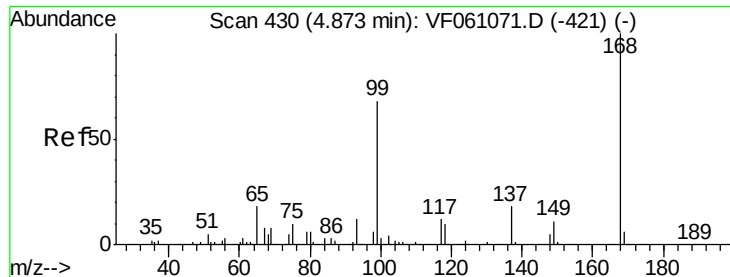
Instrument :
MSVOA_F
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. 0.02 min

Lab File: VF061148.D

Acq: 22 Dec 2018 16:57

Instrument :

MSVOA_F

ClientSampleId :

NCC-KEARNY-TOPSOIL

Tgt Ion: 168 Resp: 160581

Ion Ratio Lower Upper

168 100

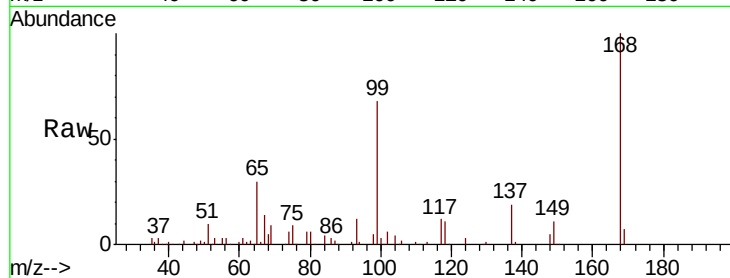
99 68.1 54.4 81.6

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.89

50000

40000

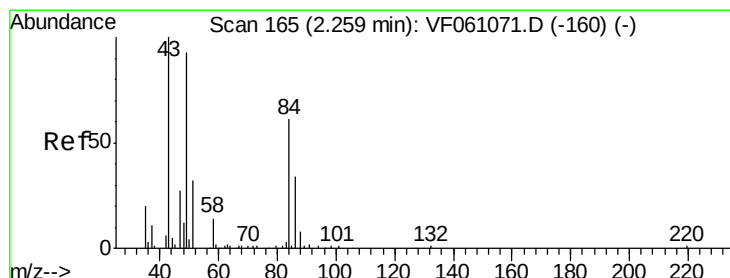
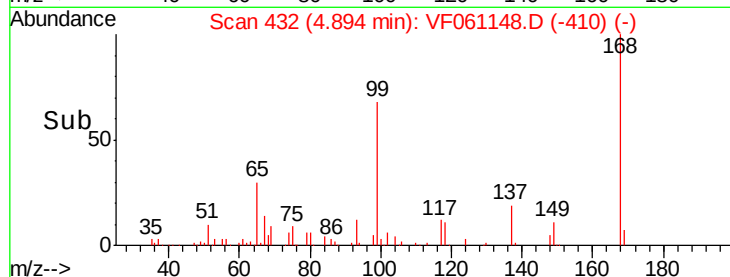
30000

20000

10000

0

Time-->



#20

Methylene Chloride

Concen: 7.676 ug/l m

RT: 2.24 min Scan# 163

Delta R.T. -0.02 min

Lab File: VF061148.D

Acq: 22 Dec 2018 16:57

Tgt Ion: 84 Resp: 15144

Ion Ratio Lower Upper

84 100

49 150.0 129.4 194.2

51 49.0 44.0 66.0

86 65.3 46.3 69.5

Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

6000

5000

4000

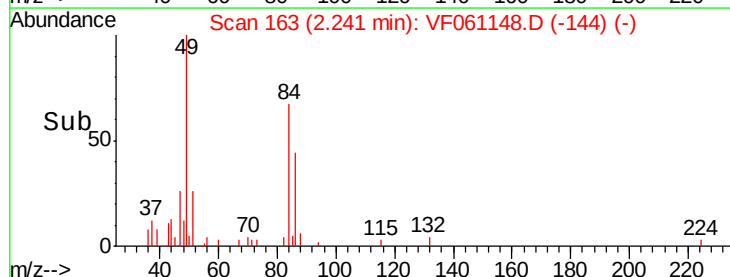
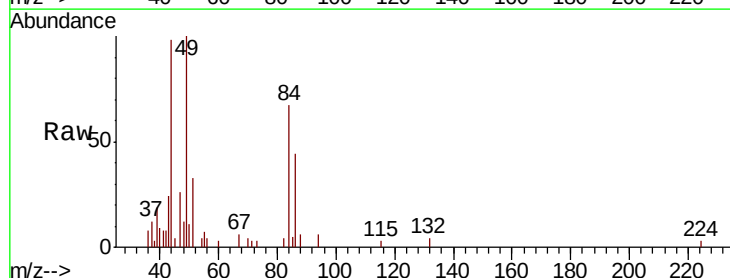
3000

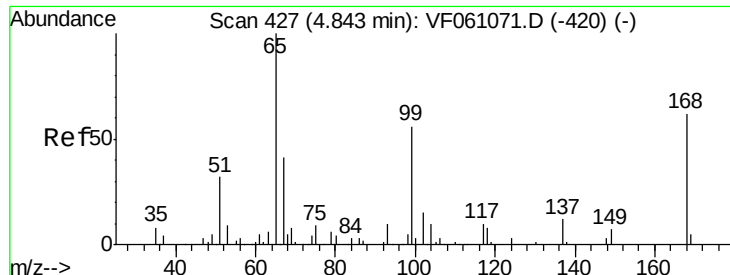
2000

1000

0

Time-->





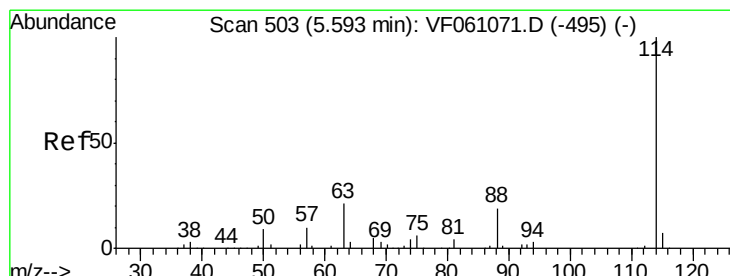
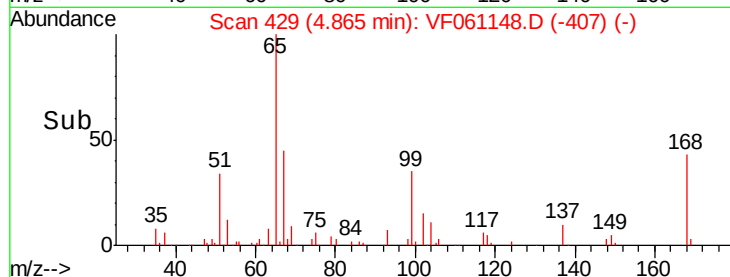
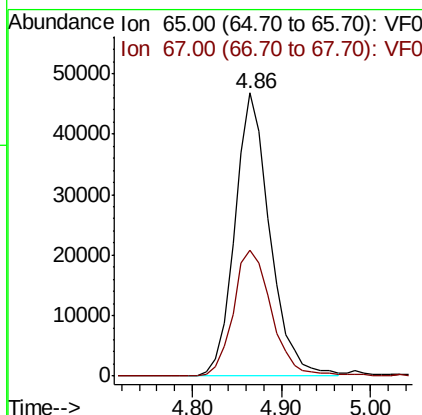
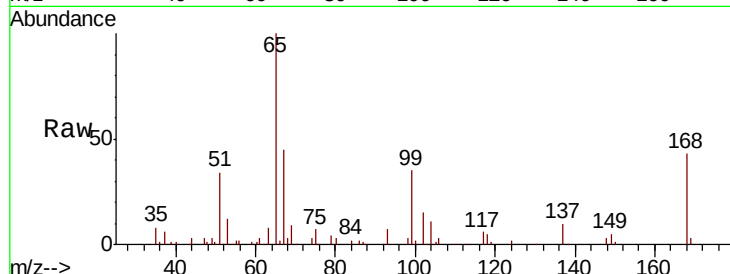
#33
 1,2-Dichloroethane-d4
 Concen: 62.014 ug/l
 RT: 4.86 min Scan# 429
 Delta R.T. 0.02 min
 Lab File: VF061148.D
 Acq: 22 Dec 2018 16:57

Instrument :
 MSVOA_F
 ClientSampleId :
 NCC-KEARNY-TOPSOIL

Tgt Ion: 65 Resp: 128080
 Ion Ratio Lower Upper
 65 100
 67 44.5 0.0 94.6

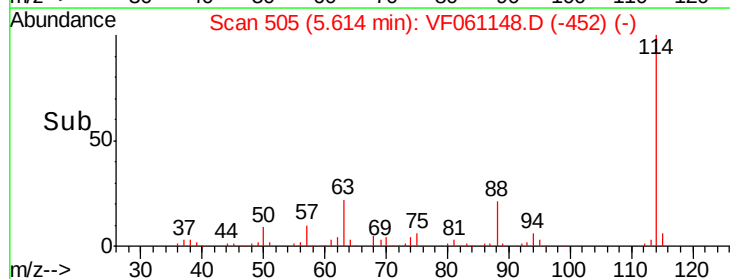
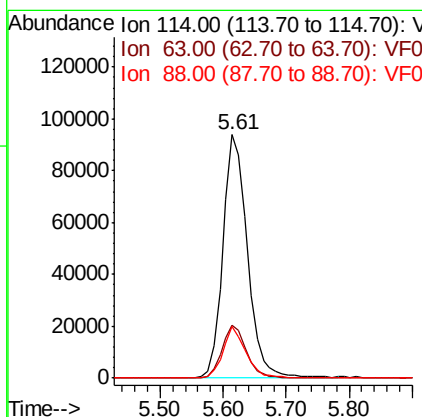
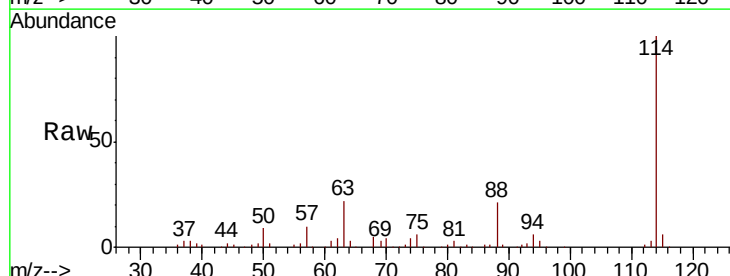
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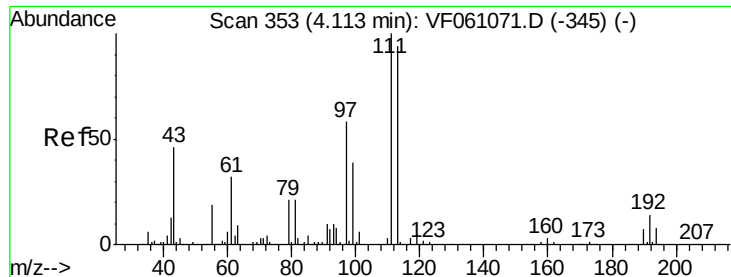
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. 0.02 min
 Lab File: VF061148.D
 Acq: 22 Dec 2018 16:57

Tgt Ion: 114 Resp: 254088
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 41.6
 88 21.5 0.0 38.0





#35

Dibromofluoromethane

Concen: 66.771 ug/l

RT: 4.13 min Scan# 355

Delta R.T. 0.02 min

Lab File: VF061148.D

Acq: 22 Dec 2018 16:57

Instrument :

MSVOA_F

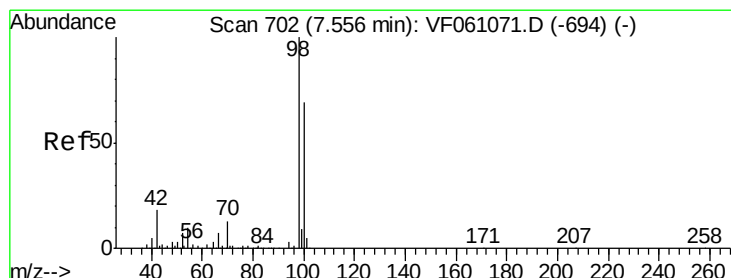
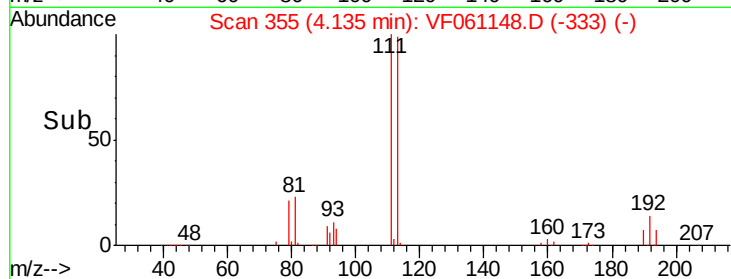
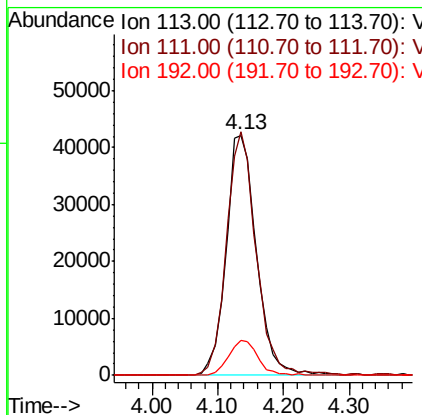
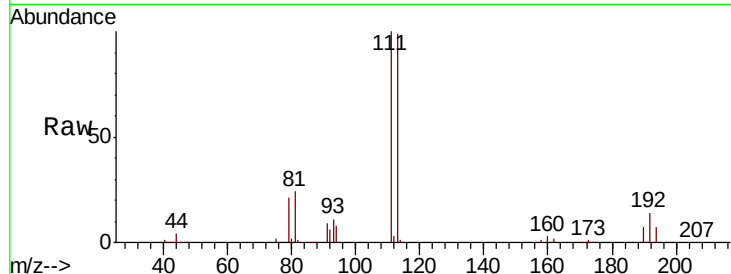
ClientSampleId :

NCC-KEARNY-TOPSOIL

Tgt Ion:	113	Resp:	135906
Ion Ratio	Lower	Upper	
113	100		
111	101.3	85.2	127.8
192	14.6	12.8	19.2

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#50

Toluene-d8

Concen: 19.618 ug/l

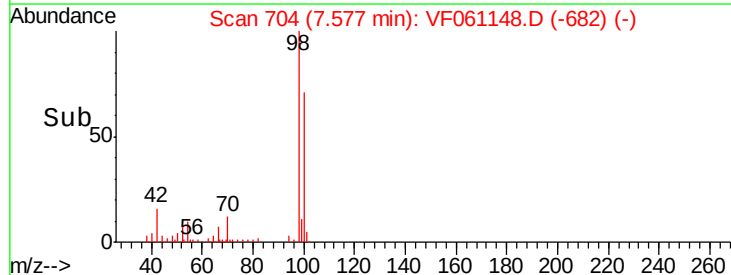
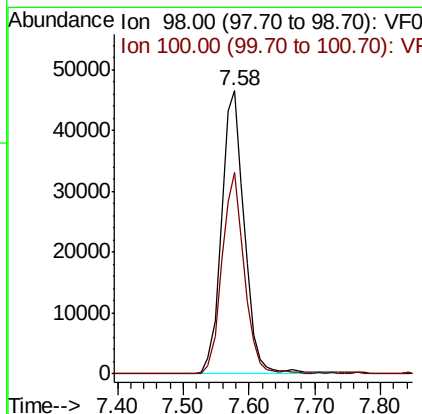
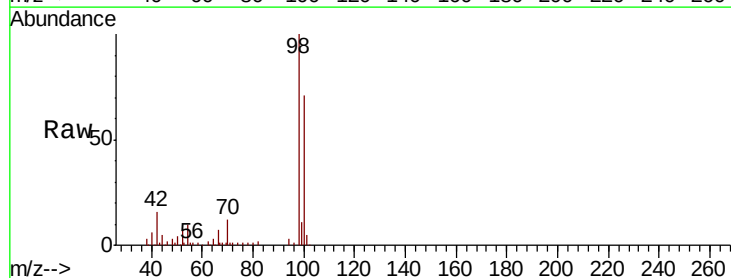
RT: 7.58 min Scan# 704

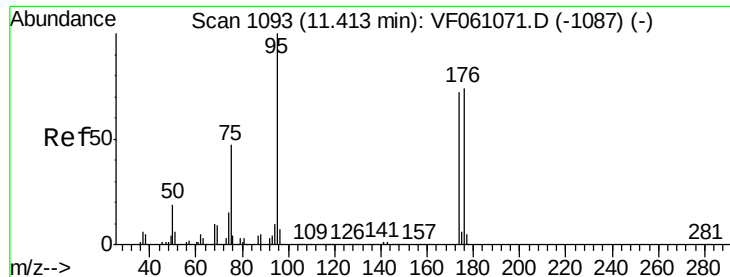
Delta R.T. 0.02 min

Lab File: VF061148.D

Acq: 22 Dec 2018 16:57

Tgt Ion:	98	Resp:	113160
Ion Ratio	Lower	Upper	
98	100		
100	71.2	55.3	82.9





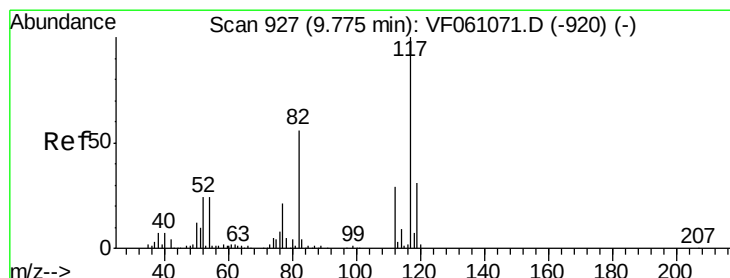
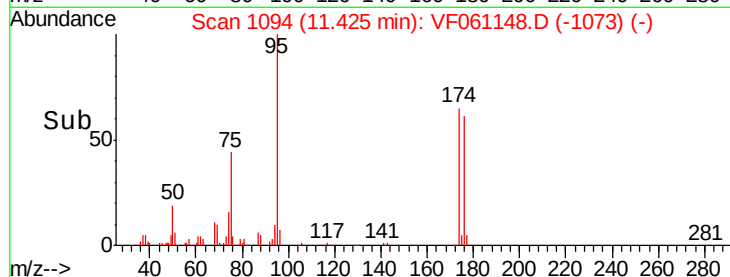
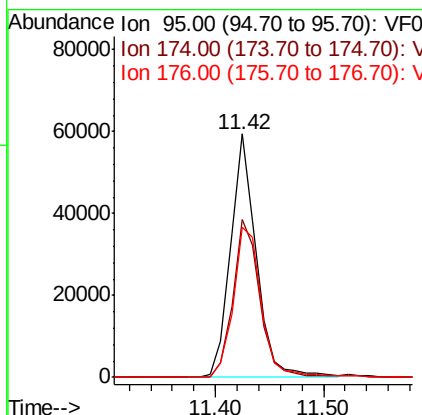
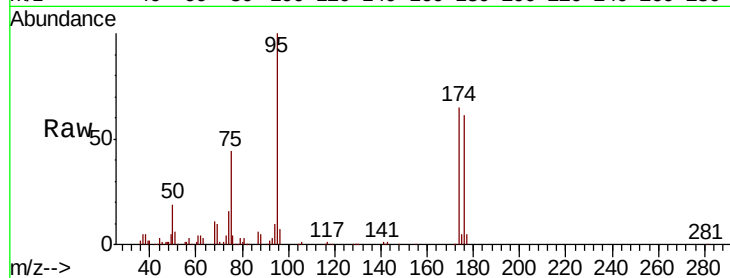
#62
4-Bromofluorobenzene
Concen: 37.016 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VF061148.D
Acq: 22 Dec 2018 16:57

Instrument :
MSVOA_F
ClientSampleId :
NCC-KEARNY-TOPSOIL

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	98431		
174	64.6	0.0	143.8	
176	61.4	0.0	147.6	

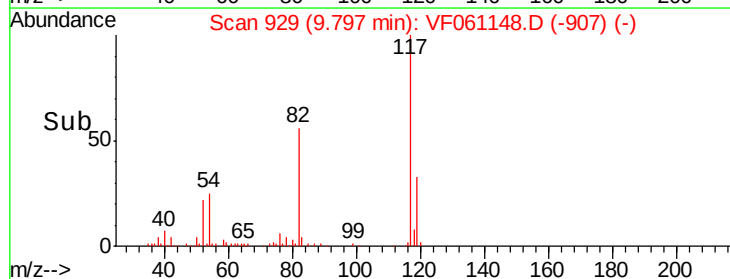
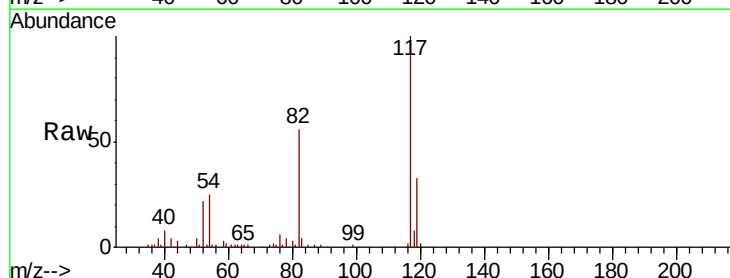
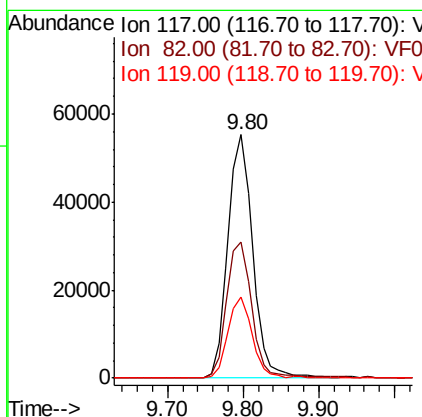
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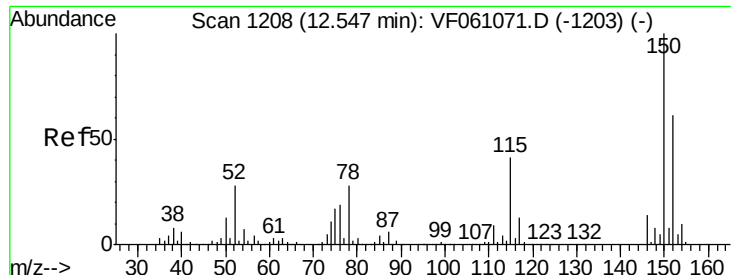
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 929
Delta R.T. 0.02 min
Lab File: VF061148.D
Acq: 22 Dec 2018 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	126077		
82	56.0	45.0	67.4	
119	33.4	24.8	37.2	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.57 min Scan# 1210

Delta R.T. 0.02 min

Lab File: VF061148.D

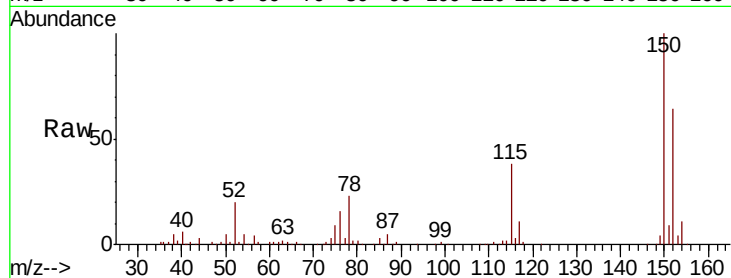
Acq: 22 Dec 2018 16:57

Instrument :

MSVOA_F

ClientSampleId :

NCC-KEARNY-TOPSOIL



Tgt Ion:	152	Resp:	65373
Ion Ratio	Lower	Upper	
152	100		
115	59.8	33.3	99.9
150	155.9	0.0	328.2

Manual Integrations
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