

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041919\
 Data File : VF062232.D
 Acq On : 19 Apr 2019 18:39
 Operator : FY/SY
 Sample : K2472-01
 Misc : 5.49g/5mL/MSVOA F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EXCAVATION-NEWARK-SOUTH-PIL

Manual Integrations
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 4/23/2019 6:55:59 AM

Quant Time: Apr 19 23:31:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 03:56:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	491141	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.78	114	691204	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.92	117	448807	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	215710	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	194573	43.20	ug/l	0.02
Spiked Amount 50.000			Recovery	=	86.40%	
35) Dibromofluoromethane	4.32	113	268110	44.34	ug/l	0.02
Spiked Amount 50.000			Recovery	=	88.68%	
50) Toluene-d8	7.72	98	556841	36.38	ug/l	0.02
Spiked Amount 50.000			Recovery	=	72.76%	
62) 4-Bromofluorobenzene	11.50	95	205007	34.82	ug/l	0.02
Spiked Amount 50.000			Recovery	=	69.64%	
Target Compounds						
20) Methylene Chloride	2.36	84	51189m	3.911	ug/l	Qvalue

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

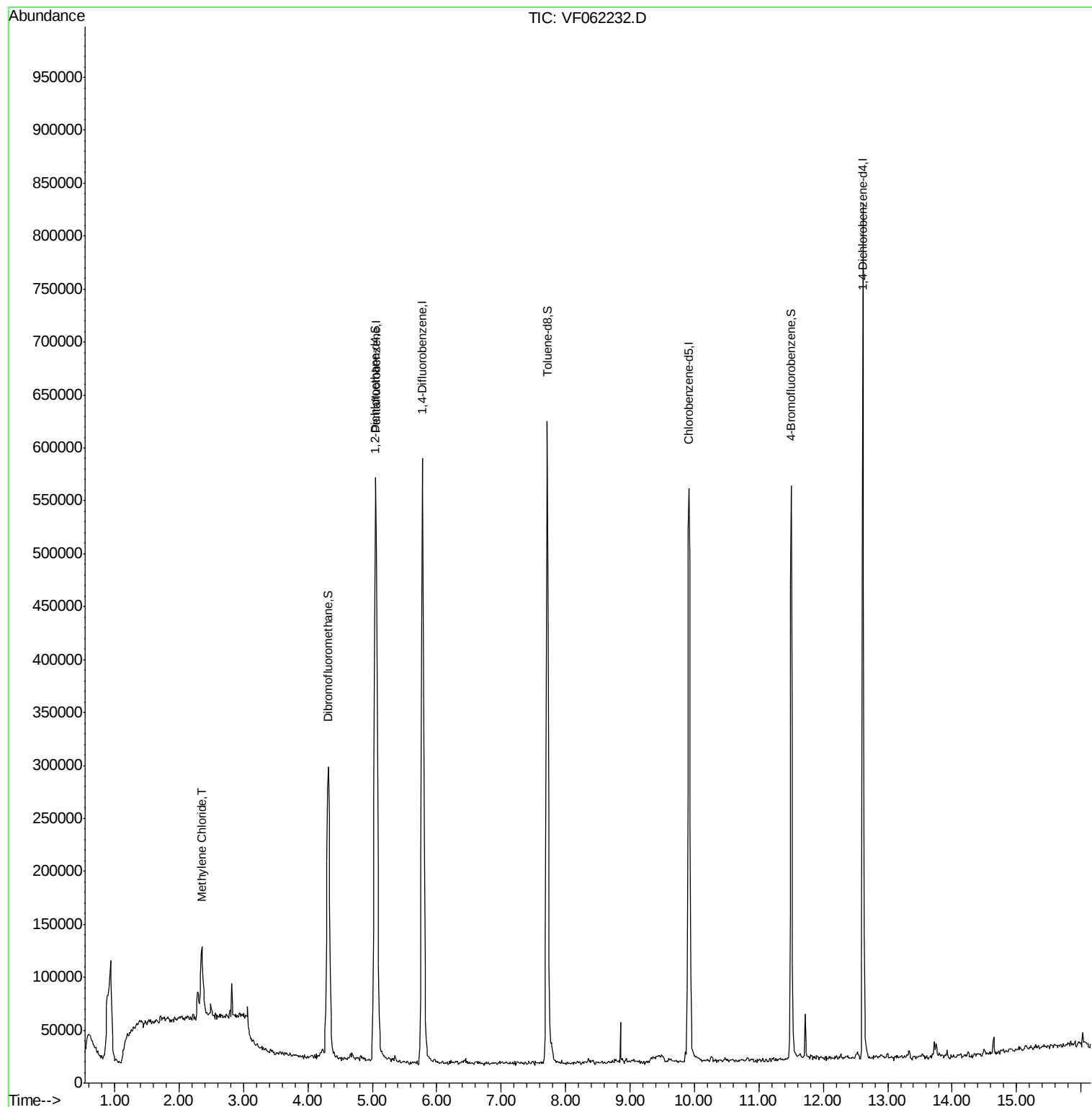
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF041919\
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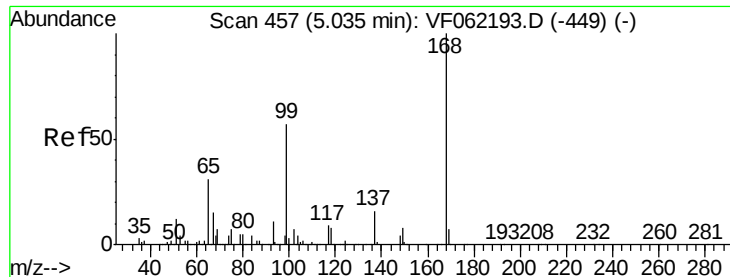
Instrument :
MSVOA_F
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

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Quant Time: Apr 19 23:31:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 19 03:56:19 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.02 min

Lab File: VF062232.D

Acq: 19 Apr 2019 18:39

Instrument :

MSVOA_F

ClientSampleId :

EXCAVATION-NEWARK-SOUTH-PIL

Tot Ion:168 Resp: 491141

Ion Ratio Lower Upper

168 100

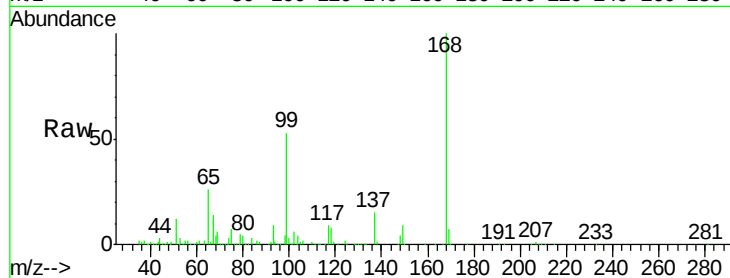
99 52.9 45.5 68.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.06

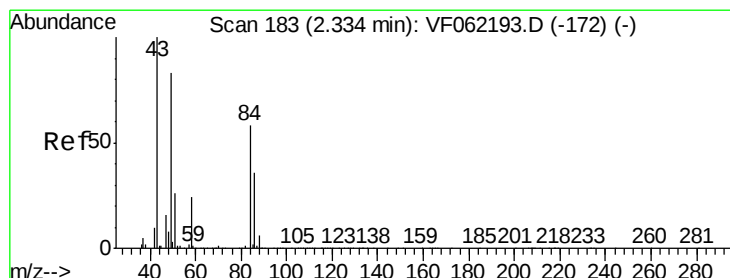
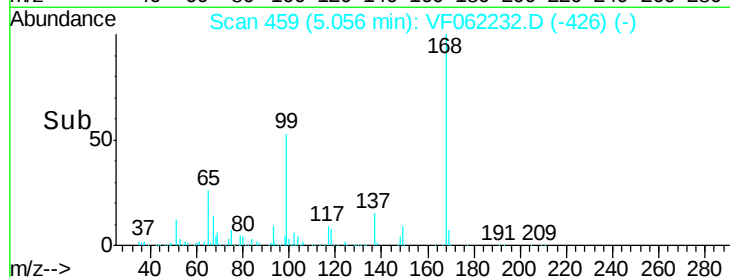
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 3.911 ug/l m

RT: 2.36 min Scan# 185

Delta R.T. 0.02 min

Lab File: VF062232.D

Acq: 19 Apr 2019 18:39

Tgt Ion: 84 Resp: 51189

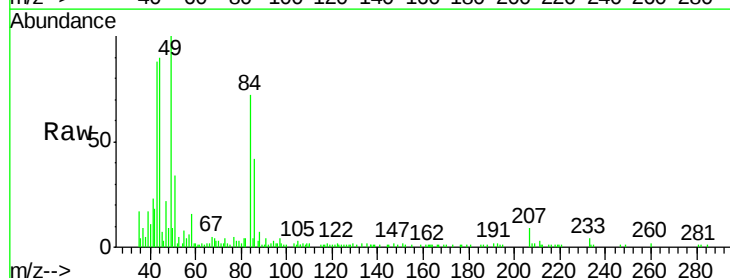
Ion Ratio Lower Upper

84 100

49 138.0 114.0 171.0

51 46.5 37.0 55.4

86 58.5 49.8 74.8



Abundance Ion 83.90 (83.60 to 84.60): VF0

Ion 48.90 (48.60 to 49.60): VF0

Ion 50.90 (50.60 to 51.60): VF0

Ion 85.90 (85.60 to 86.60): VF0

20000

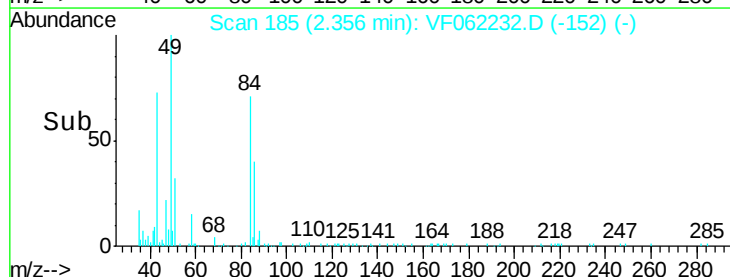
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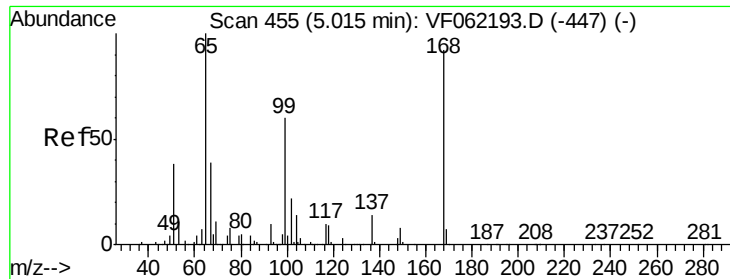
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Time-->





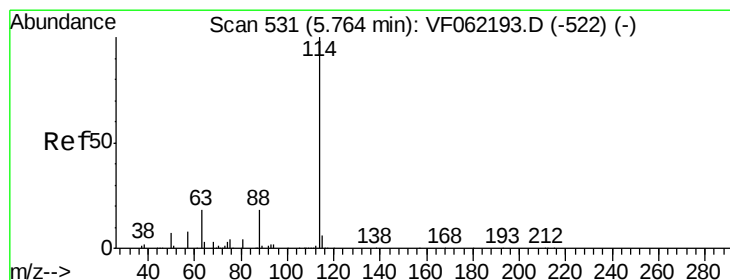
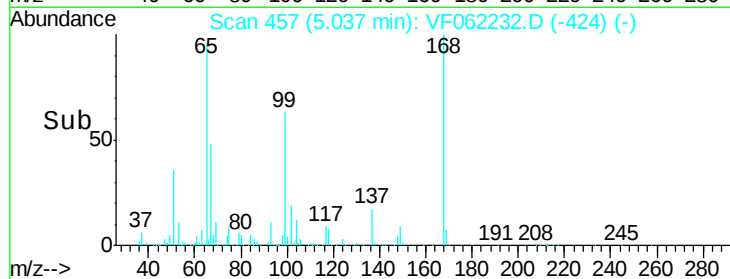
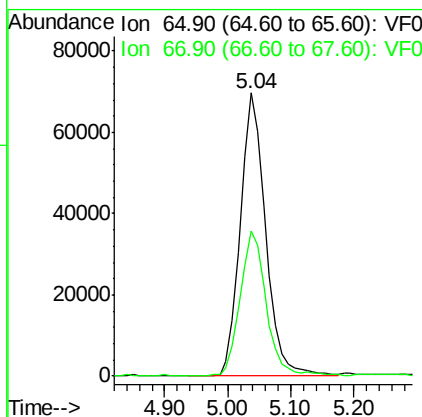
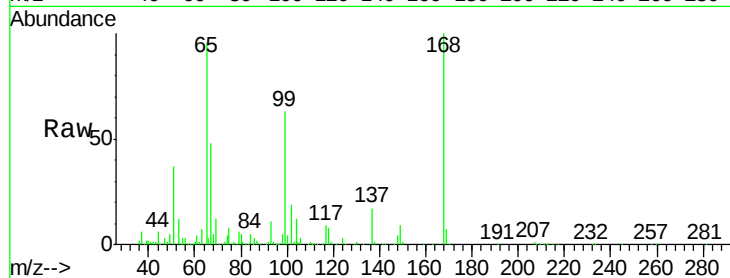
#33
 1,2-Dichloroethane-d4
 Concen: 43.205 ug/l
 RT: 5.04 min Scan# 457
 Delta R.T. 0.02 min
 Lab File: VF062232.D
 Acq: 19 Apr 2019 18:39

Instrument :
 MSVOA_F
 ClientSampleId :
 EXCAVATION-NEWARK-SOUTH-PIL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	194573		
67	52.2	0.0	109.4	

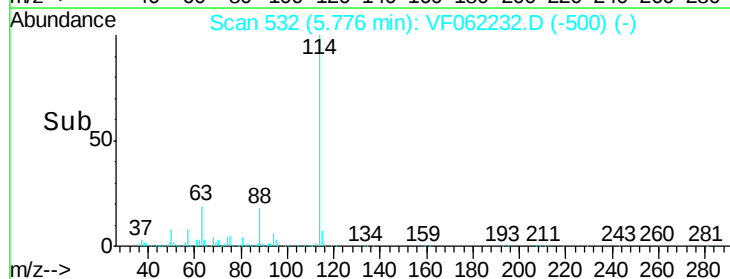
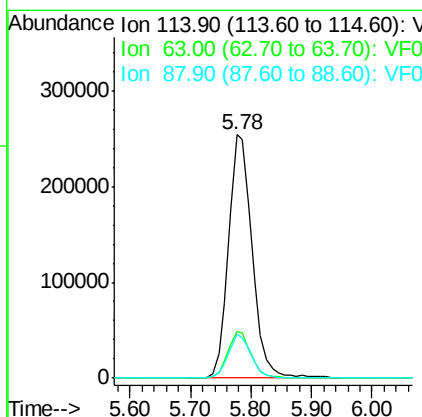
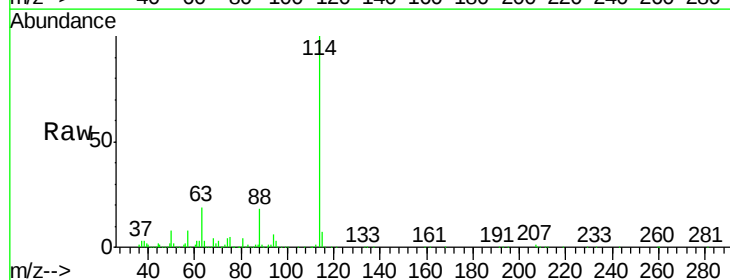
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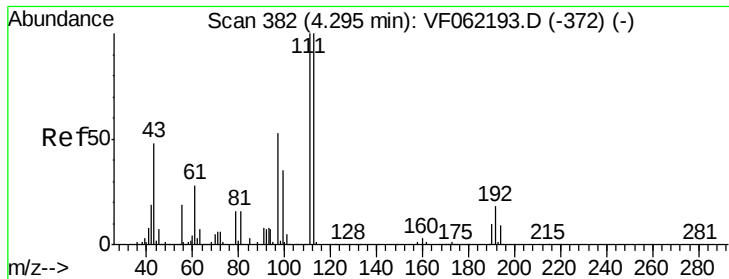
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.78 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VF062232.D
 Acq: 19 Apr 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	691204		
63	19.0	0.0	36.6	
88	18.0	0.0	35.8	





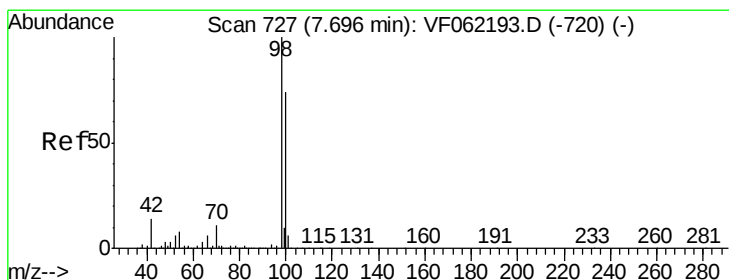
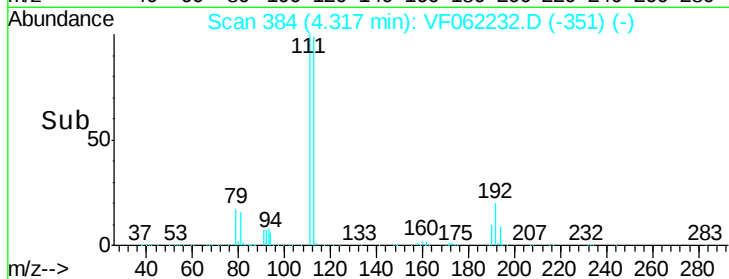
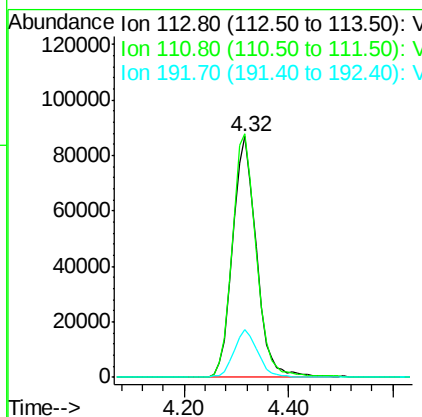
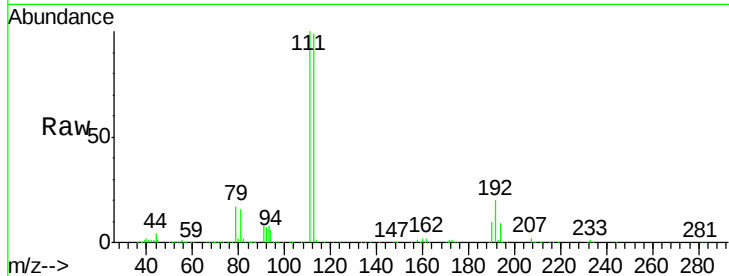
#35
 Dibromofluoromethane
 Concen: 44.344 ug/l
 RT: 4.32 min Scan# 384
 Delta R.T. 0.02 min
 Lab File: VF062232.D
 Acq: 19 Apr 2019 18:39

Instrument :
 MSVOA_F
 ClientSampleId :
 EXCAVATION-NEWARK-SOUTH-PIL

Tot Ion	Ratio	Resp	Lower	Upper
113	100	268110		
111	101.8	81.1	121.7	
192	19.7	14.7	22.1	

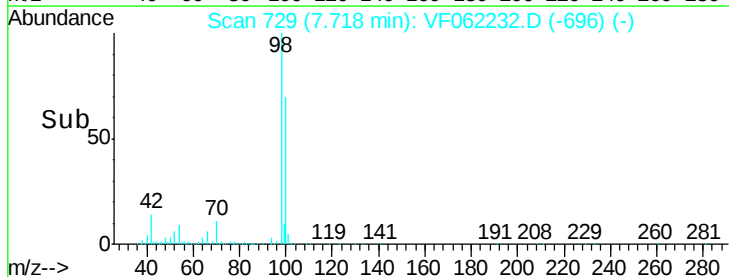
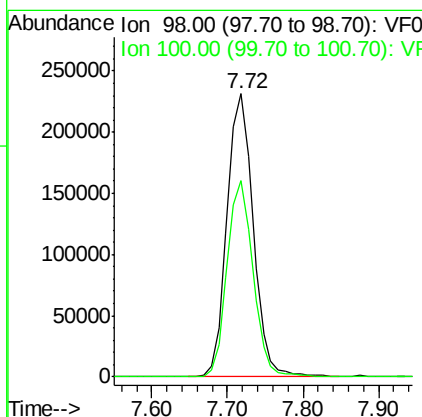
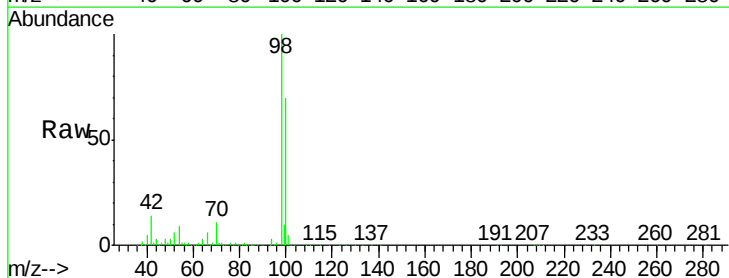
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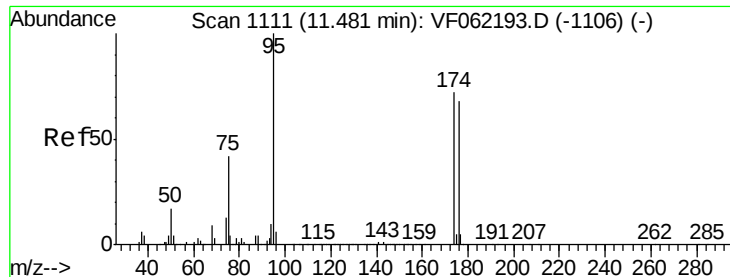
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#50
 Toluene-d8
 Concen: 36.383 ug/l
 RT: 7.72 min Scan# 729
 Delta R.T. 0.02 min
 Lab File: VF062232.D
 Acq: 19 Apr 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	556841		
100	68.3	56.2	84.2	





#62

4-Bromofluorobenzene

Concen: 34.819 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF062232.D

Acq: 19 Apr 2019 18:39

Instrument :

MSVOA_F

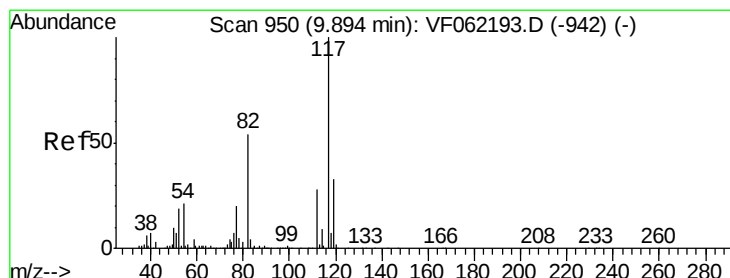
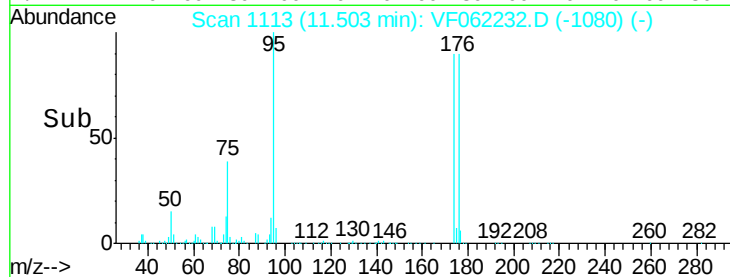
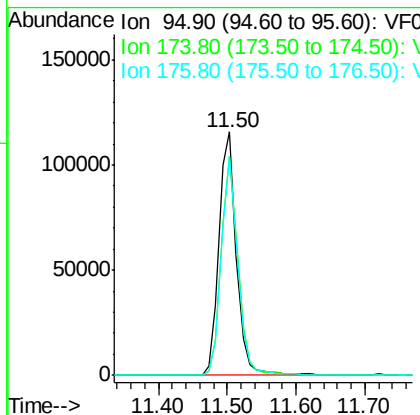
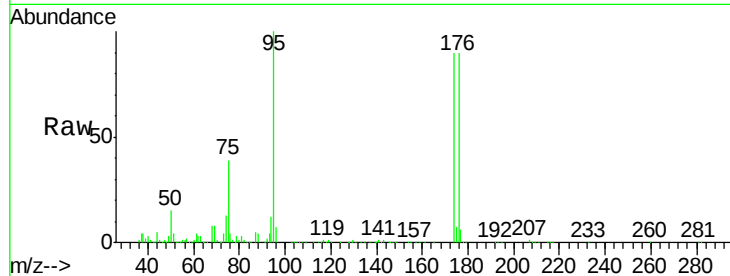
ClientSampleId :

EXCAVATION-NEWARK-SOUTH-PIL

Tot Ion:	95	Resp:	205007
Ion Ratio	Lower	Upper	
95	100		
174	87.2	0.0	159.4
176	85.8	0.0	155.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

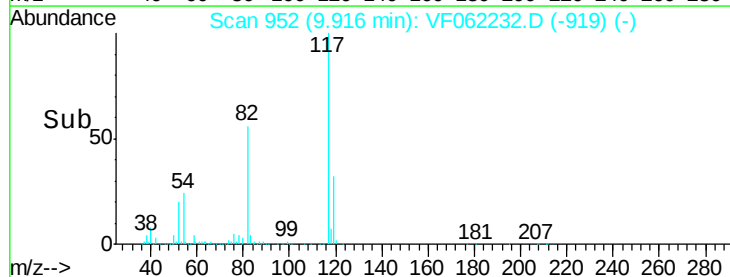
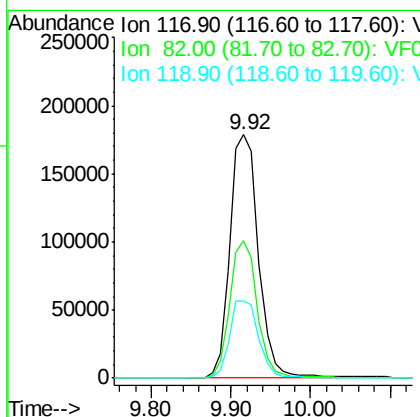
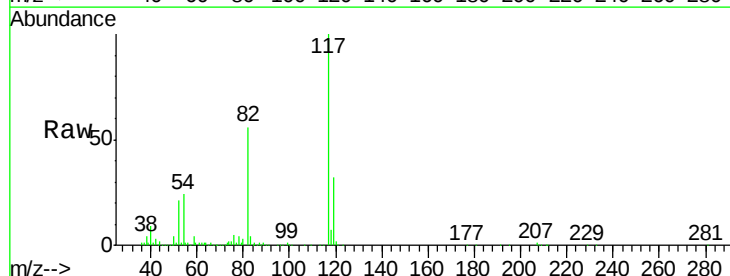
RT: 9.92 min Scan# 952

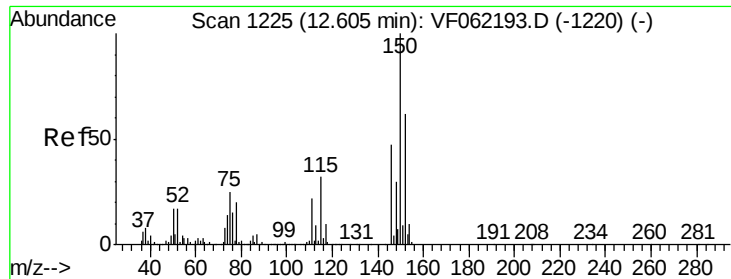
Delta R.T. 0.02 min

Lab File: VF062232.D

Acq: 19 Apr 2019 18:39

Tgt Ion:	117	Resp:	448807
Ion Ratio	Lower	Upper	
117	100		
82	56.3	43.2	64.8
119	31.9	26.2	39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. 0.01 min

Lab File: VF062232.D

Acq: 19 Apr 2019 18:39

Instrument :

MSVOA_F

ClientSampleId :

EXCAVATION-NEWARK-SOUTH-PIL

Tot Ion	Ratio	Resp	Lower	Upper
152	100			
115	54.1	27.8	83.3	
150	153.8	0.0	341.8	

Manual Integrations
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