

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062018\
 Data File : VF059261.D
 Acq On : 21 Jun 2018 13:46
 Operator : VA/AP
 Sample : J3570-03RE
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 20180373-AMENDED-COMPOSITE-

Manual Integrations
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Quant Time: Jun 21 14:32:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 10:52:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	200330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	311639	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	293111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	173982	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	144120	59.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.64%	
35) Dibromofluoromethane	4.29	113	57588	26.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	52.68%	
50) Toluene-d8	7.71	98	299520	46.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.24%	
62) 4-Bromofluorobenzene	11.50	95	169396	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
Target Compounds						
						Qvalue
16) Acetone	2.34	43	68399	117.91	ug/l #	89
17) Carbon Disulfide	1.86	76	108223	29.20	ug/l	97
20) Methylene Chloride	2.32	84	9551m	6.88	ug/l	
25) 2-Butanone	4.51	43	15126	16.82	ug/l	94
51) 4-Methyl-2-Pentanone	8.41	43	7500	4.38	ug/l #	82
59) 2-Hexanone	9.62	43	12655	9.34	ug/l	86
95) Naphthalene	14.52	128	9829	1.22	ug/l #	94

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

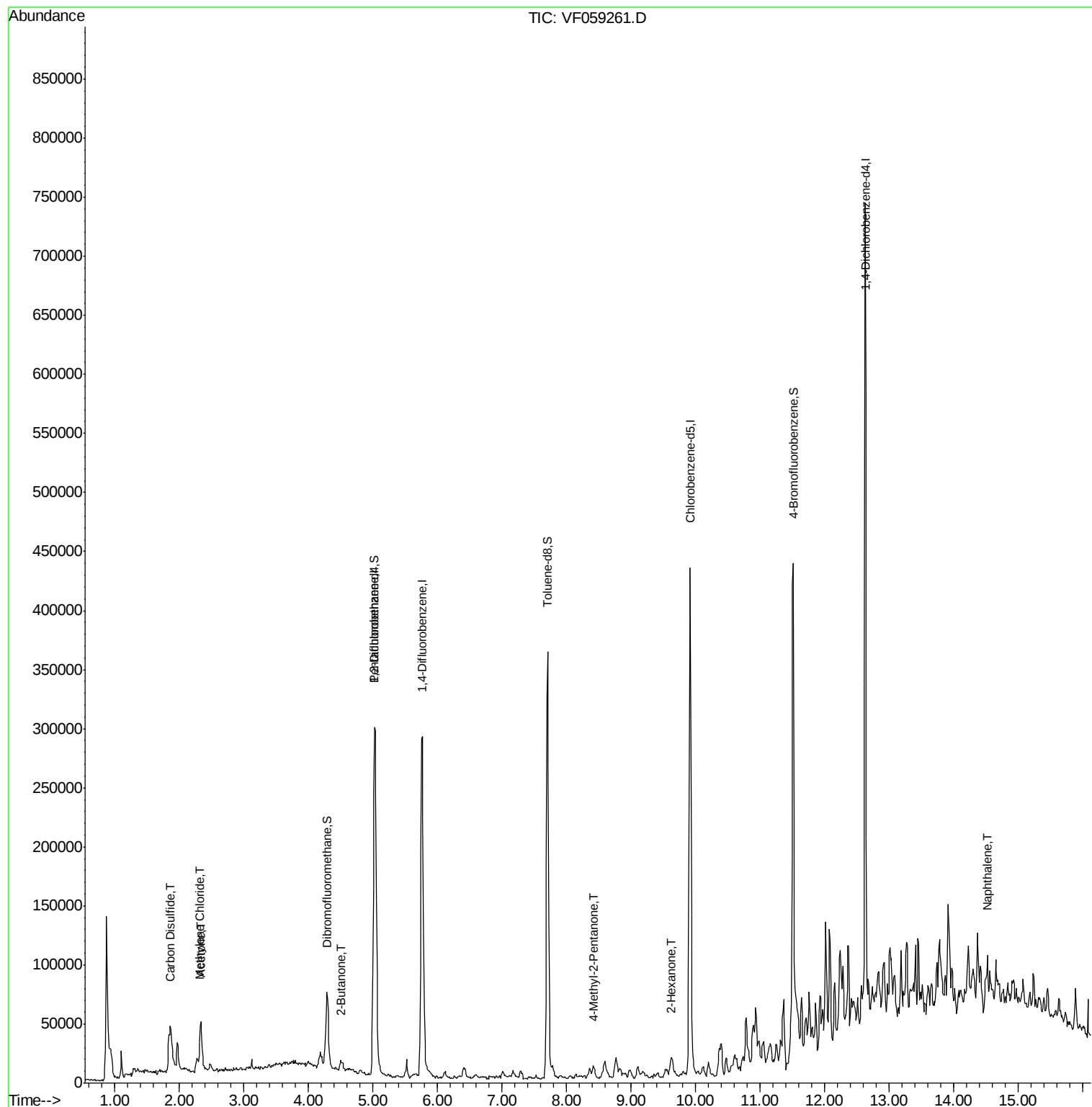
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062018\
Data File : VF059261.D
Acq On : 21 Jun 2018 13:46
Operator : VA/AP
Sample : J3570-03RE
Misc : 5.00µ/5mL/MSVOA-F/SOIL
ALS Vial : 38 Sample Multiplier: 1

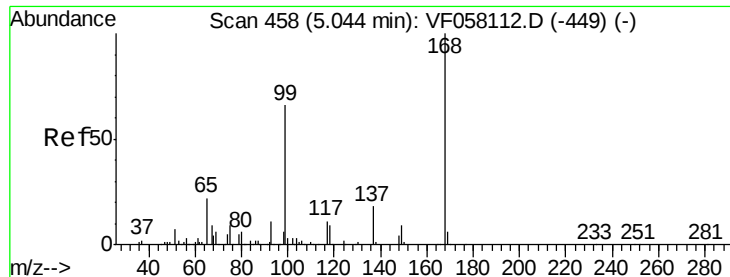
Instrument :
MSVOA_F
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Manual Integrations
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Quant Time: Jun 21 14:32:23 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration





#1

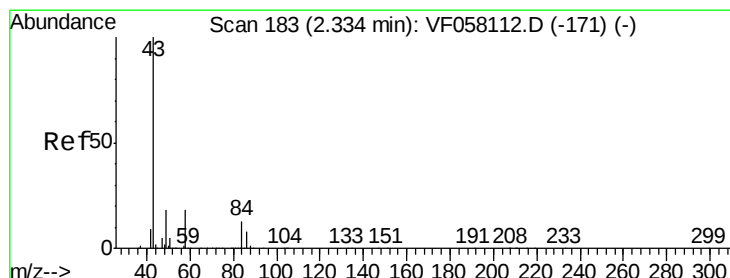
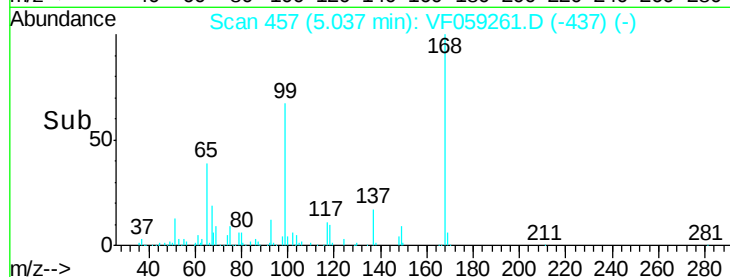
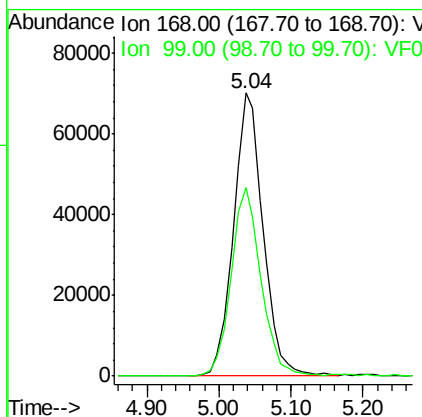
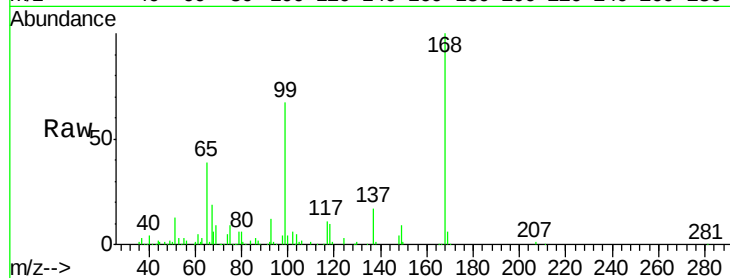
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.04 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: VF059261.D
 Acq: 21 Jun 2018 13:46

Instrument :
 MSVOA_F
 ClientSampleId :
 20180373-AMENDED-COMPOSITE-

Tot Ion	Ratio	Lower	Upper
168	100		
99	66.8	52.9	79.3

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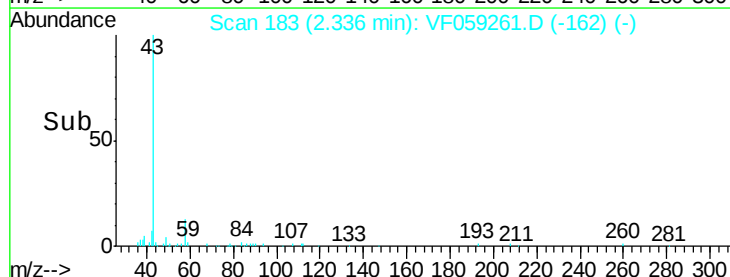
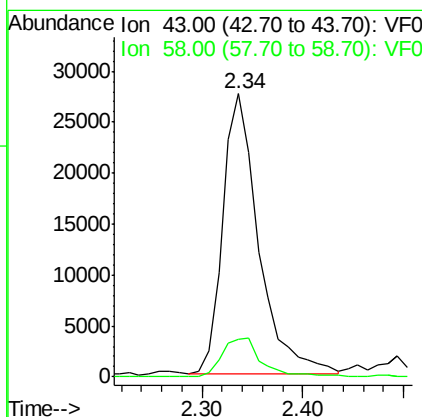
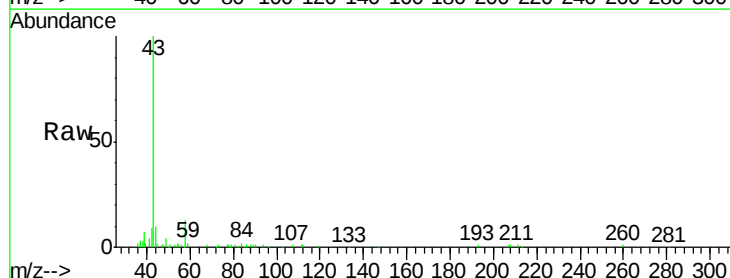
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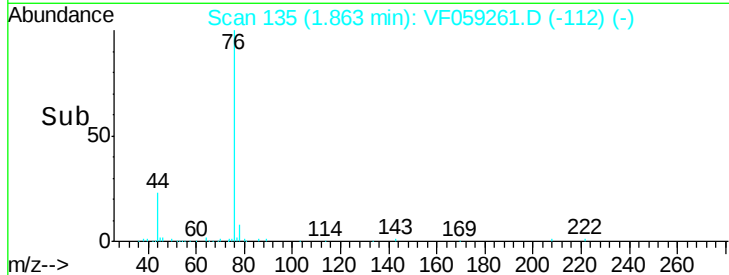
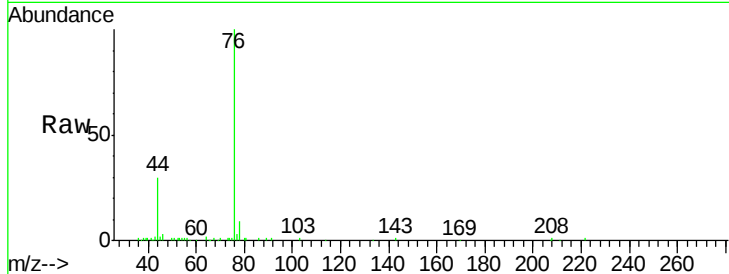
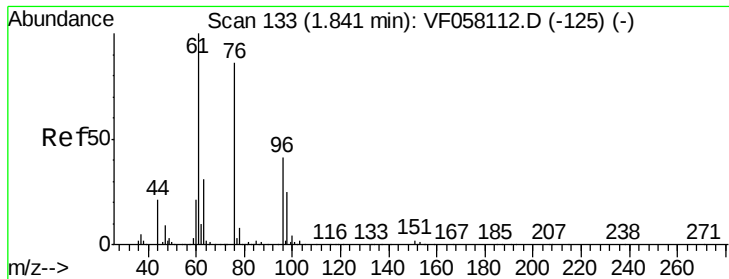


#16

Acetone
 Concen: 117.91 ug/l
 RT: 2.34 min Scan# 183
 Delta R.T. 0.00 min
 Lab File: VF059261.D
 Acq: 21 Jun 2018 13:46

Tgt Ion	Ratio	Lower	Upper
43	100		
58	13.3	14.4	21.6#





#17

Carbon Disulfide

Concen: 29.20 ug/l

RT: 1.86 min Scan# 135

Delta R.T. 0.02 min

Lab File: VF059261.D

Acq: 21 Jun 2018 13:46

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.8	11.8

Instrument :

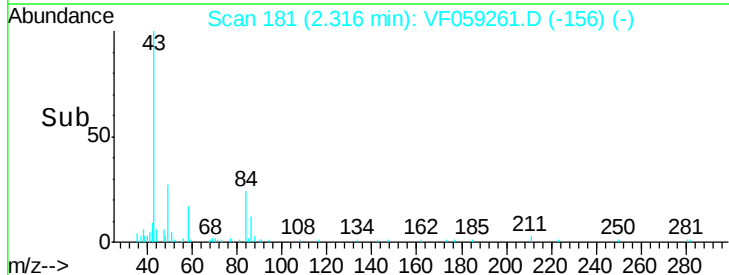
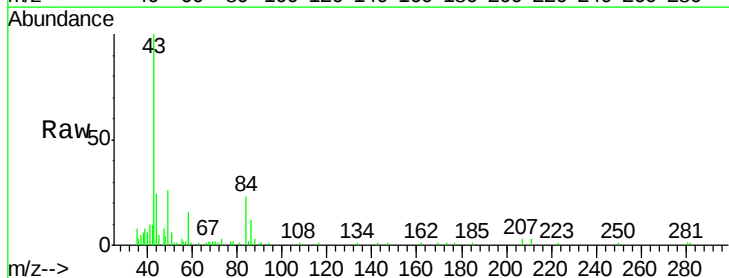
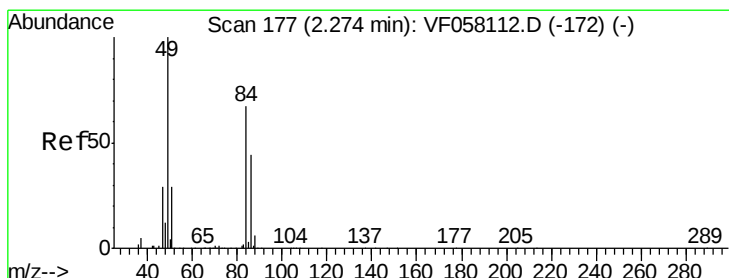
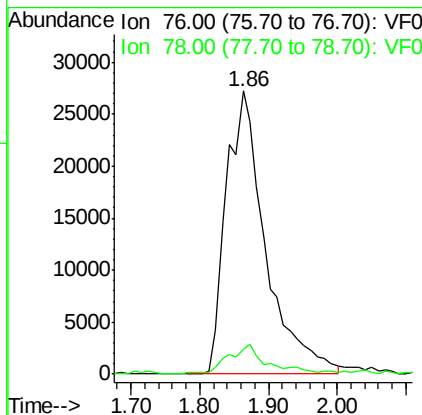
MSVOA_F

ClientSampleId :

20180373-AMENDED-COMPOSITE-

Manual Integrations
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#20

Methylene Chloride

Concen: 6.88 ug/l m

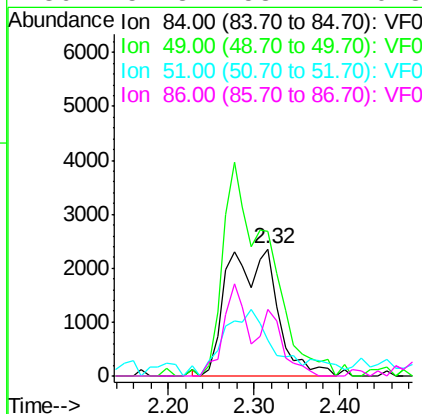
RT: 2.32 min Scan# 181

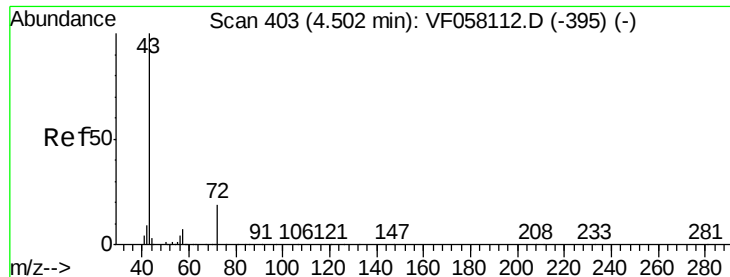
Delta R.T. 0.04 min

Lab File: VF059261.D

Acq: 21 Jun 2018 13:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.2	121.0	181.4#
51	28.0	35.8	53.6#
86	52.3	53.2	79.8#





#25

2-Butanone

Concen: 16.82 ug/l

RT: 4.51 min Scan# 404

Delta R.T. 0.01 min

Lab File: VF059261.D

Acq: 21 Jun 2018 13:46

Instrument :

MSVOA_F

ClientSampleId :

20180373-AMENDED-COMPOSITE-

Tot Ion: 43 Resp: 15126

Ion Ratio Lower Upper

43 100

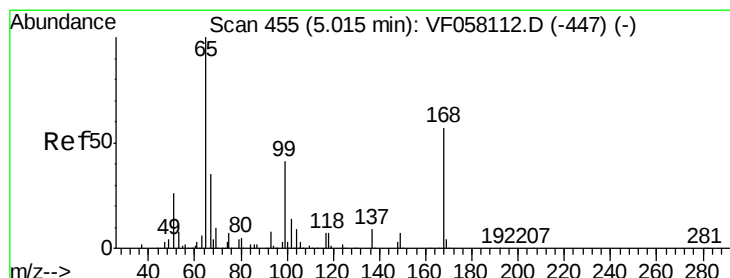
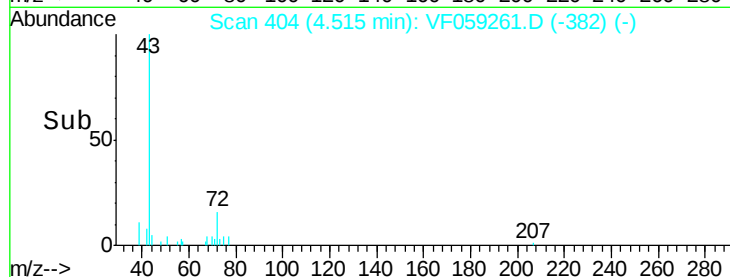
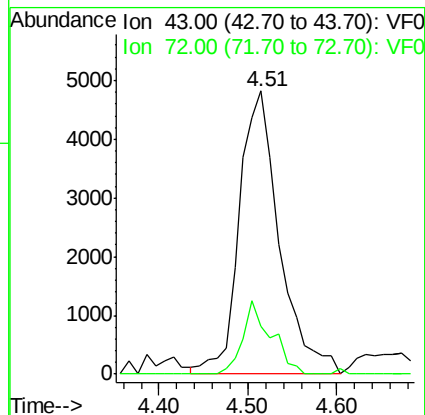
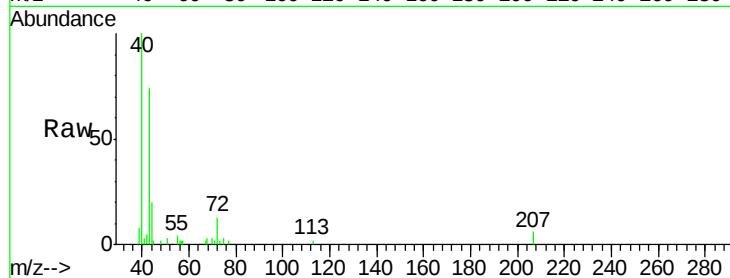
72 17.1 16.1 24.1

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#33

1,2-Dichloroethane-d4

Concen: 59.32 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059261.D

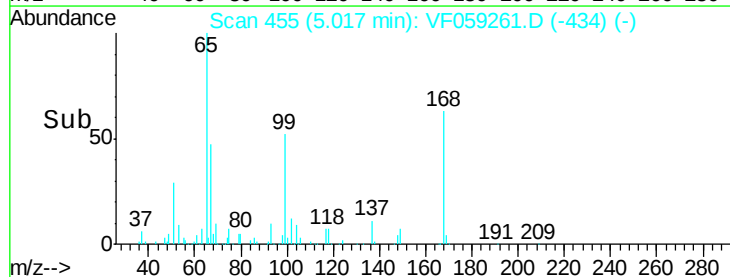
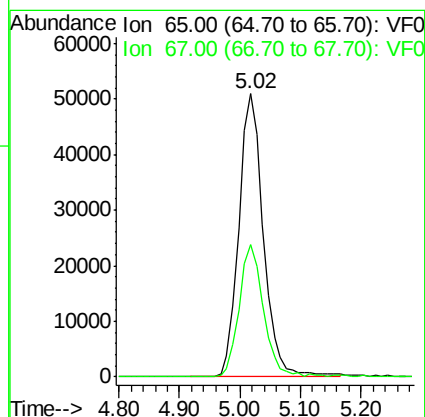
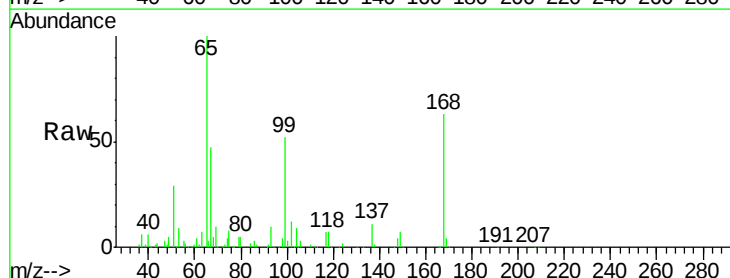
Acq: 21 Jun 2018 13:46

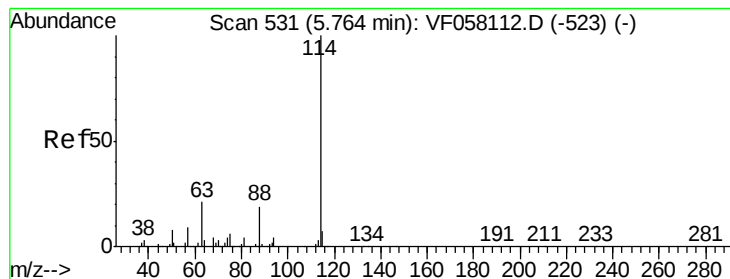
Tgt Ion: 65 Resp: 144120

Ion Ratio Lower Upper

65 100

67 46.6 0.0 97.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.77 min Scan# 531

Delta R.T. 0.00 min

Lab File: VF059261.D

Acq: 21 Jun 2018 13:46

Instrument :

MSVOA_F

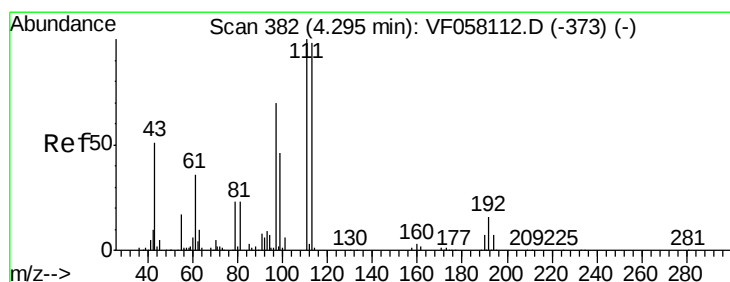
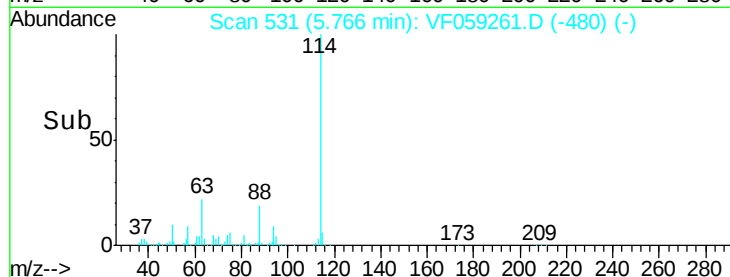
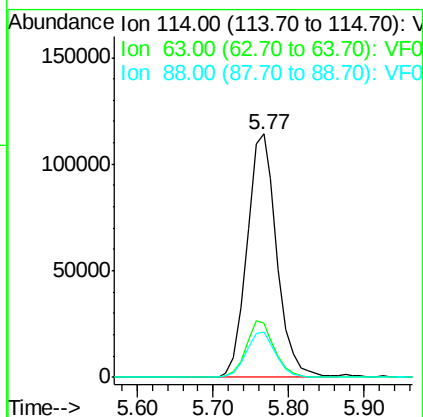
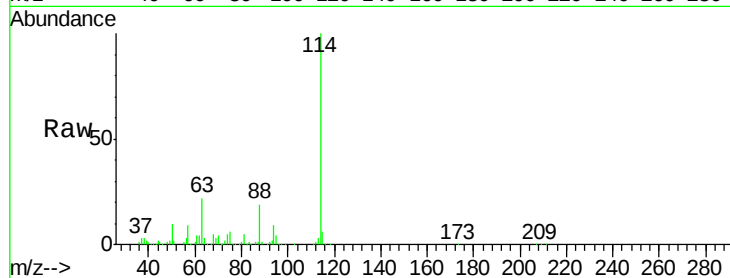
ClientSampleId :

20180373-AMENDED-COMPOSITE-

Tot Ion	Ratio	Resp	Lower	Upper
114	100	311639		
63	22.0	0.0	41.6	
88	18.6	0.0	38.8	

Manual Integrations
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#35

Dibromofluoromethane

Concen: 26.34 ug/l

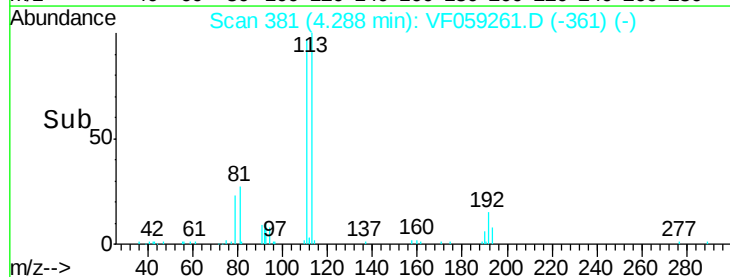
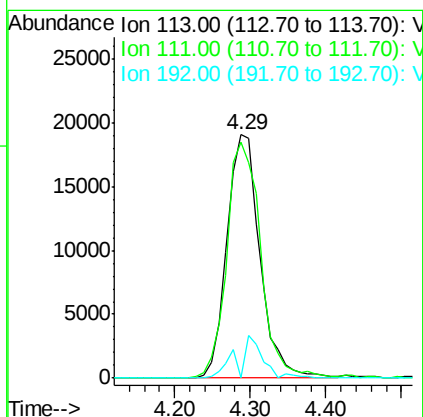
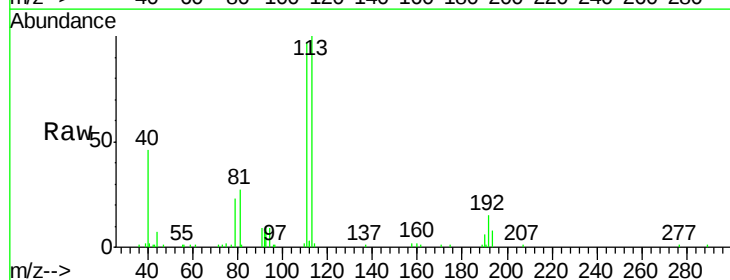
RT: 4.29 min Scan# 381

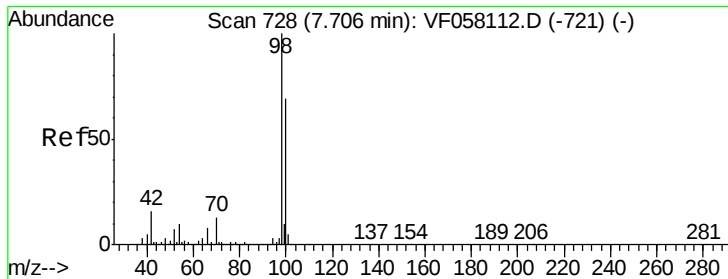
Delta R.T. -0.01 min

Lab File: VF059261.D

Acq: 21 Jun 2018 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	57588		
111	96.7	81.3	121.9	
192	0.0	12.7	19.1#	





#50

Toluene-d8

Concen: 46.62 ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.00 min

Lab File: VF059261.D

Acq: 21 Jun 2018 13:46

Tot Ion: 98 Resp: 299520

Ion Ratio Lower Upper

98 100

100 66.8 55.6 83.4

Instrument :

MSVOA_F

ClientSampleId :

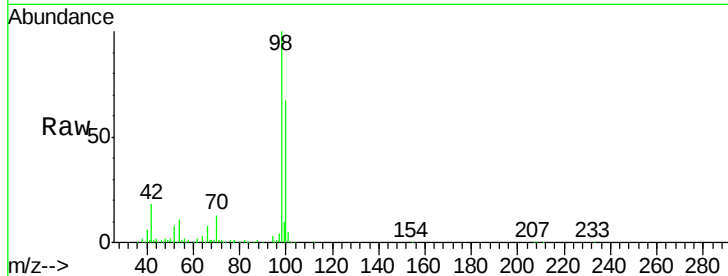
20180373-AMENDED-COMPOSITE-

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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

7.71

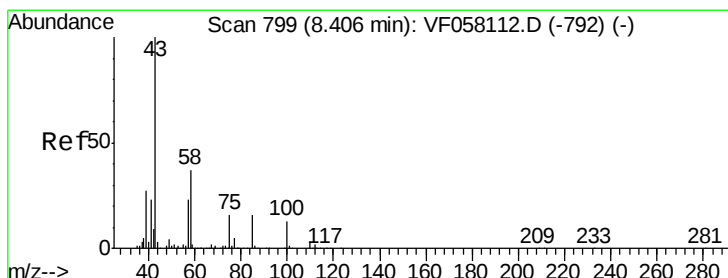
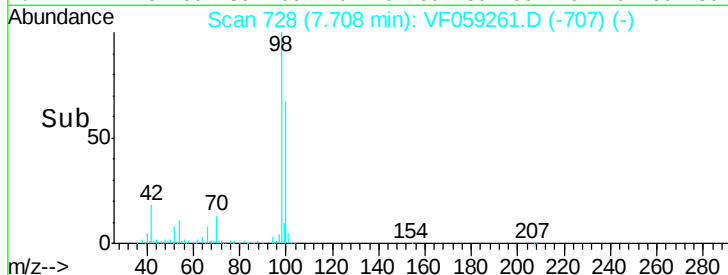
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 4.38 ug/l

RT: 8.41 min Scan# 799

Delta R.T. 0.00 min

Lab File: VF059261.D

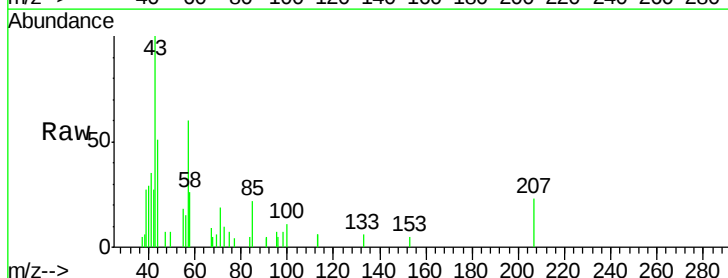
Acq: 21 Jun 2018 13:46

Tgt Ion: 43 Resp: 7500

Ion Ratio Lower Upper

43 100

58 26.1 29.4 44.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.41

2500

2000

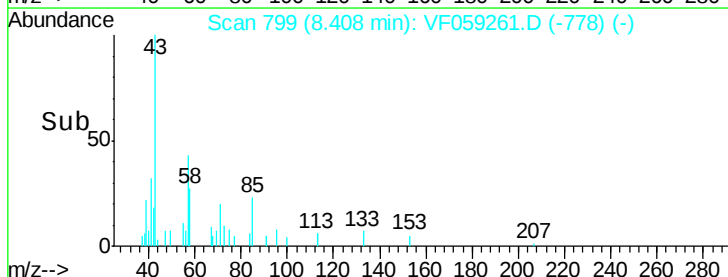
1500

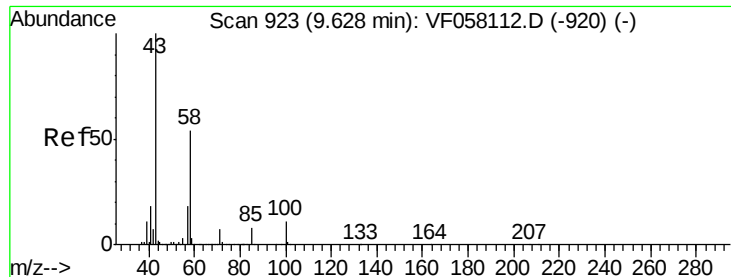
1000

500

0

Time-->





#59

2-Hexanone

Concen: 9.34 ug/l

RT: 9.62 min Scan# 922

Delta R.T. -0.01 min

Lab File: VF059261.D

Acq: 21 Jun 2018 13:46

Instrument :

MSVOA_F

ClientSampleId :

20180373-AMENDED-COMPOSITE-

Tot Ion: 43 Resp: 12655

Ion Ratio Lower Upper

43 100

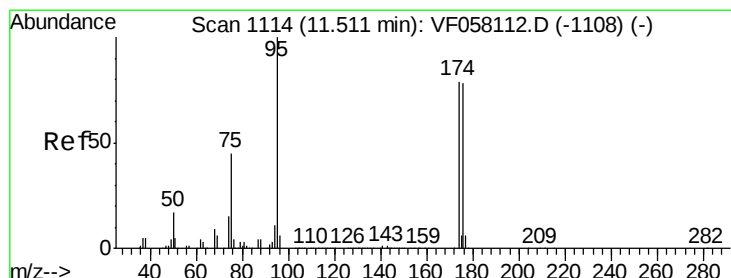
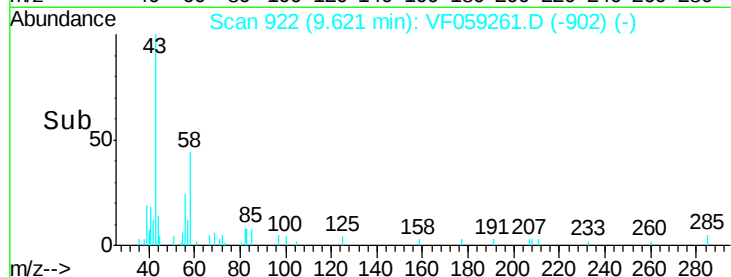
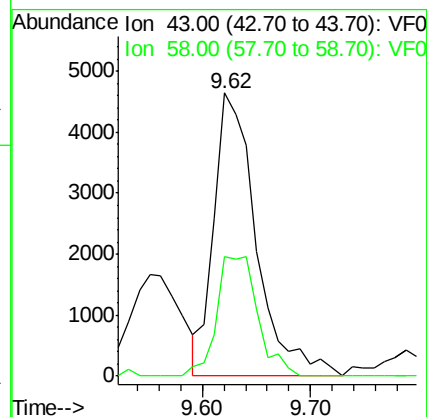
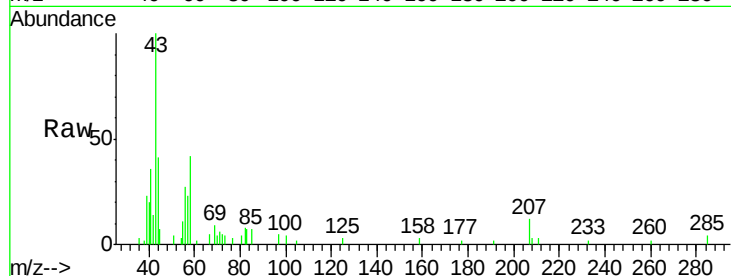
58 42.4 26.3 78.8

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 51.41 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF059261.D

Acq: 21 Jun 2018 13:46

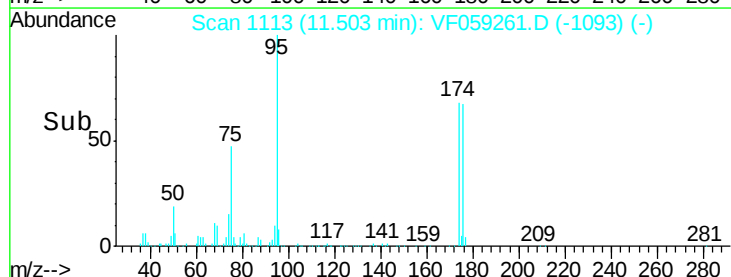
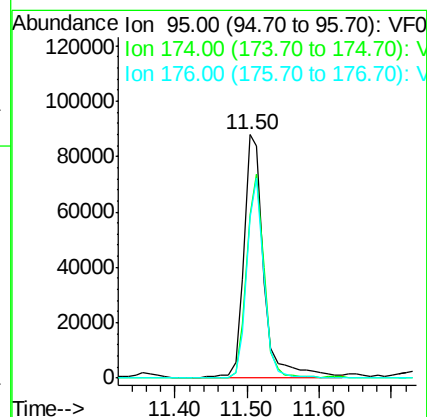
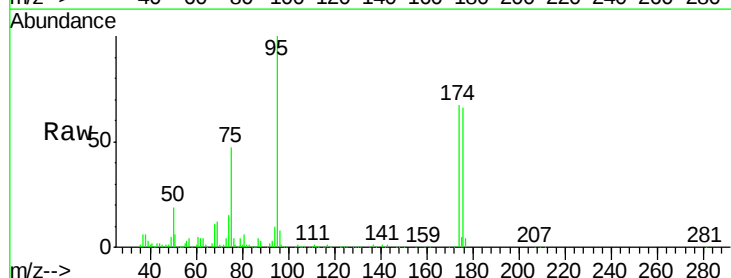
Tgt Ion: 95 Resp: 169396

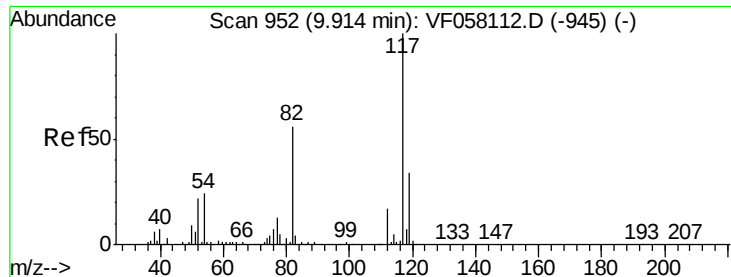
Ion Ratio Lower Upper

95 100

174 67.1 0.0 157.8

176 65.8 0.0 155.8





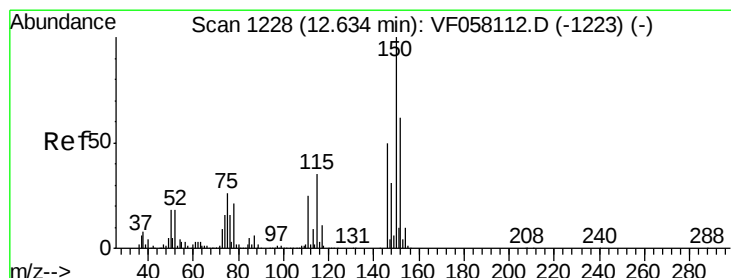
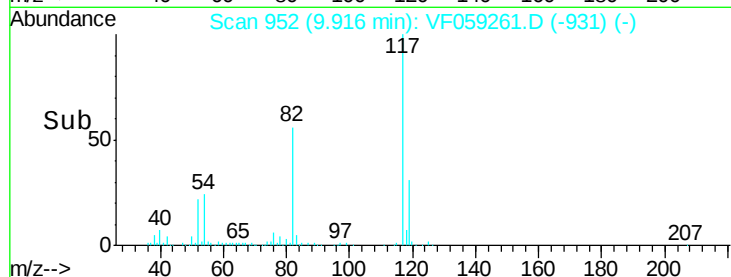
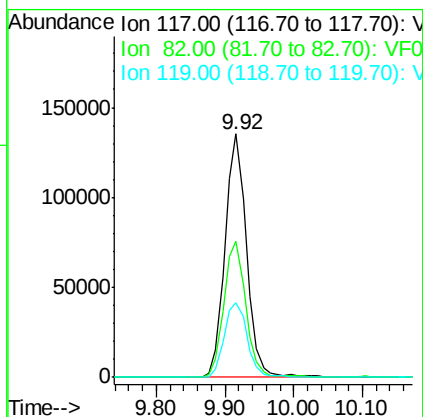
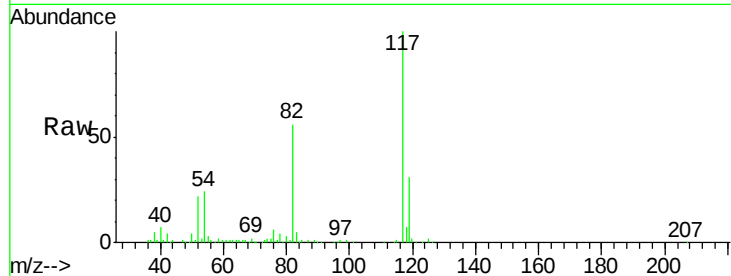
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059261.D
Acq: 21 Jun 2018 13:46

Instrument :
MSVOA_F
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Tot Ion	Ratio	Resp	Lower	Upper
117	100	293111		
82	55.7	45.2	67.8	
119	30.9	27.5	41.3	

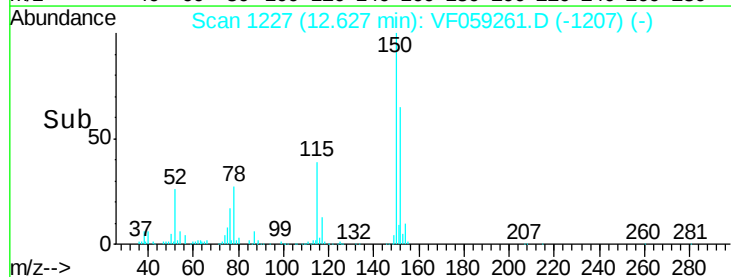
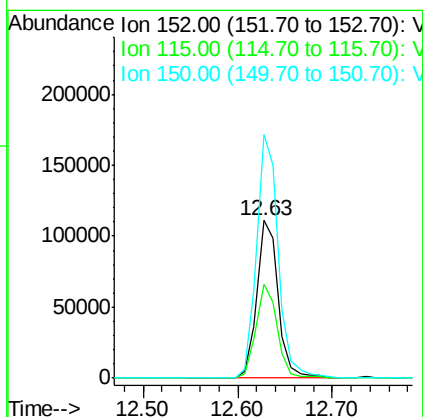
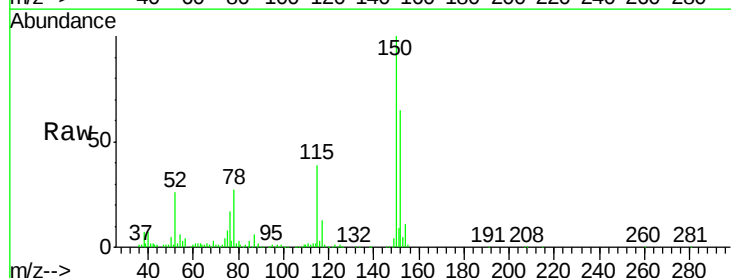
Manual Integrations
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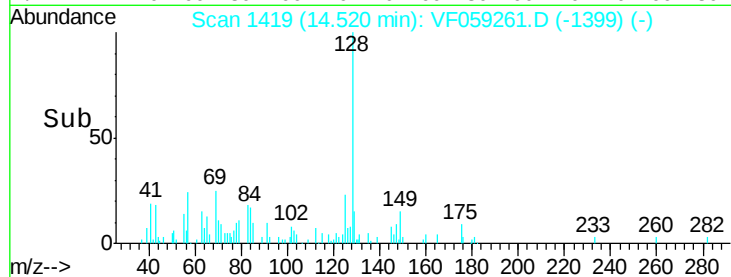
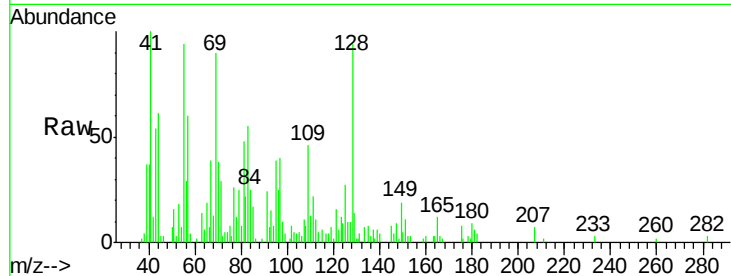
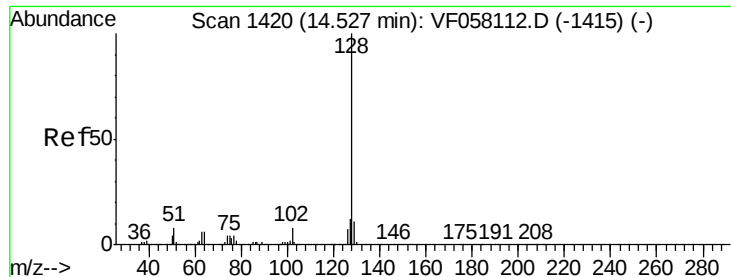
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059261.D
Acq: 21 Jun 2018 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	173982		
115	59.9	28.5	85.5	
150	154.5	0.0	323.8	





#95

Naphthalene

Concen: 1.22 ug/l

RT: 14.52 min Scan# 1419

Delta R.T. -0.01 min

Lab File: VF059261.D

Acq: 21 Jun 2018 13:46

Instrument :

MSVOA_F

ClientSampleId :

20180373-AMENDED-COMPOSITE-

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
127	11.0	9.9	14.9	
129	14.7	8.7	13.1	

Manual Integrations
APPROVED

apatel
6/21/2018 4:19:38 PM

