

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF112918\
 Data File : VF060875.D
 Acq On : 29 Nov 2018 19:13
 Operator : VA/AP
 Sample : J5771-09
 Misc : 6.16g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-02-112918-B

Manual Integrations
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Quant Time: Nov 30 06:28:29 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	4.87	168	192872	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.59	114	343922	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.78	117	309518	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.56	152	156411	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	129175	56.85	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	113.70%	
35) Dibromofluoromethane	4.11	113	145593	53.36	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	106.72%	
50) Toluene-d8	7.56	98	363149	45.18	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	90.36%	
62) 4-Bromofluorobenzene	11.41	95	167002	45.72	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	91.44%	
Target Compounds						
20) Methylene Chloride	2.26	84	20886m	13.588	ug/l	Qvalue
52) Toluene	7.63	92	11357	1.919	ug/l	95
68) m/p-Xylenes	10.14	106	4741	1.176	ug/l	100
84) 1,2,4-Trimethylbenzene	12.21	105	11404	1.139	ug/l	83

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

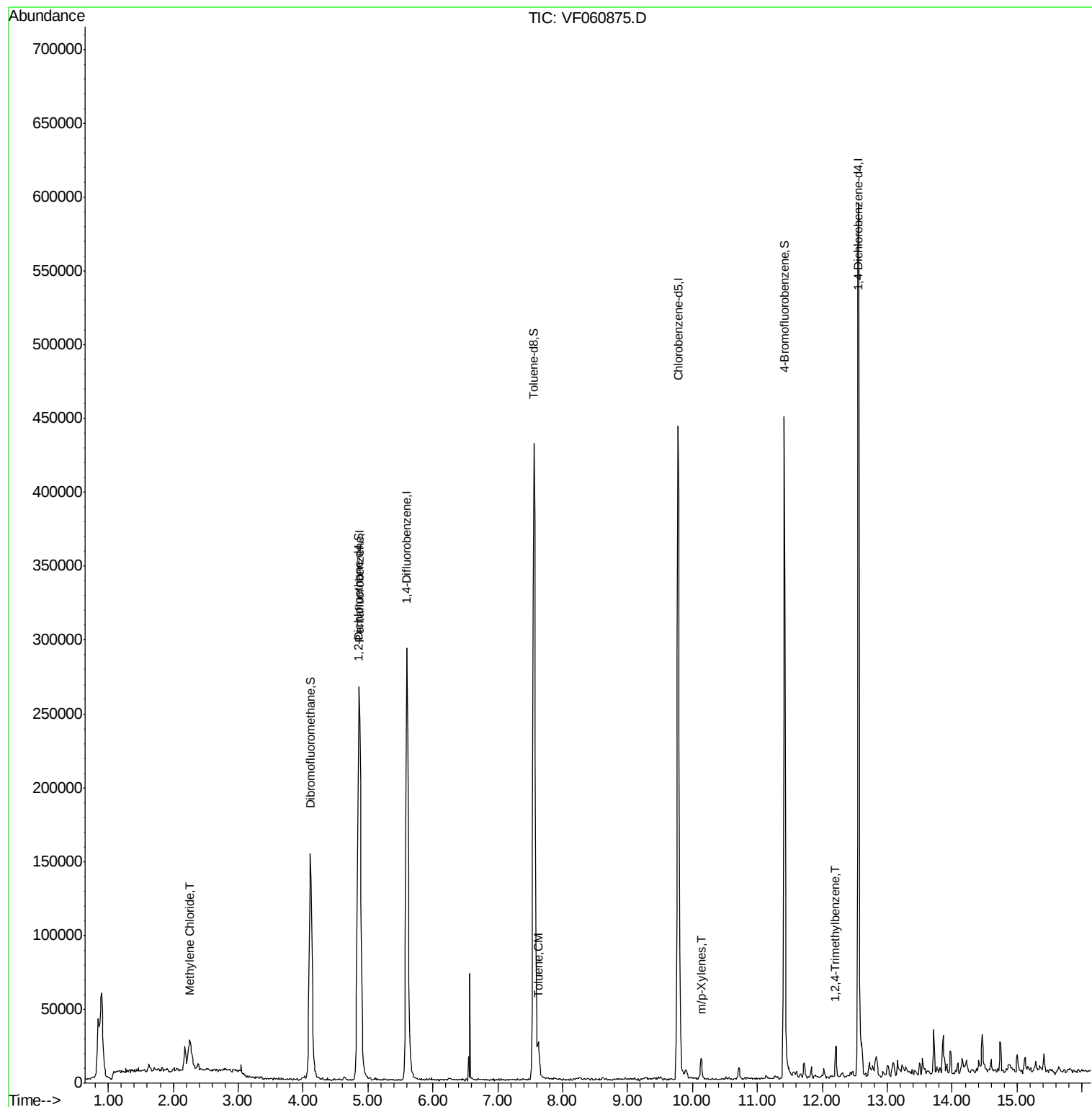
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF112918\
Data File : VF060875.D
Acq On : 29 Nov 2018 19:13
Operator : VA/AP
Sample : J5771-09
Misc : 6.16g/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

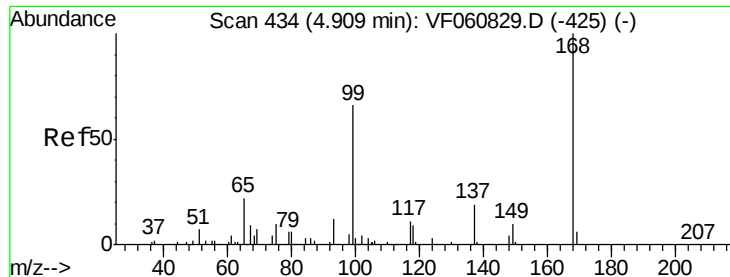
Instrument :
MSVOA_F
ClientSampleId :
EO-02-112918-B

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Quant Time: Nov 30 06:28:29 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: 4.87 min Scan# 430

Delta R.T. -0.04 min

Lab File: VF060875.D

Acq: 29 Nov 2018 19:13

Instrument :

MSVOA_F

ClientSampleId :

EO-02-112918-B

Tot Ion:168 Resp: 192872

Ion Ratio Lower Upper

168 100

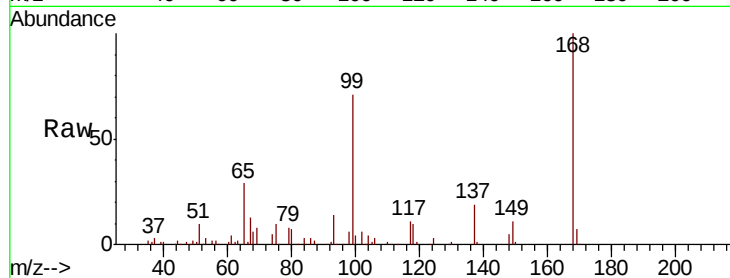
99 71.2 52.6 79.0

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

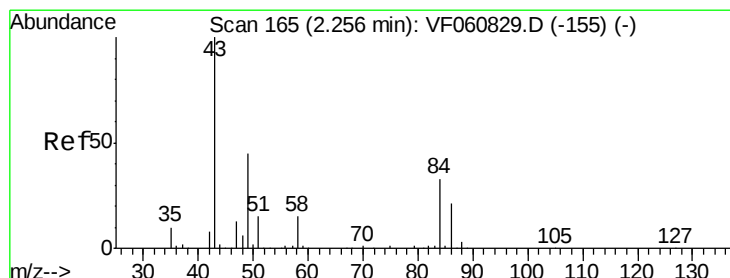
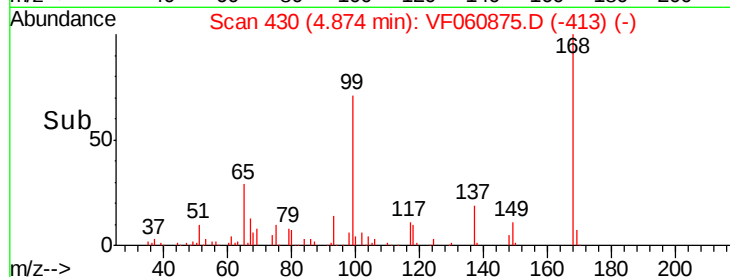
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 13.588 ug/l m

RT: 2.26 min Scan# 165

Delta R.T. 0.00 min

Lab File: VF060875.D

Acq: 29 Nov 2018 19:13

Tgt Ion: 84 Resp: 20886

Ion Ratio Lower Upper

84 100

49 138.3 111.3 166.9

51 48.2 38.0 57.0

86 57.7 49.8 74.8

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

8000

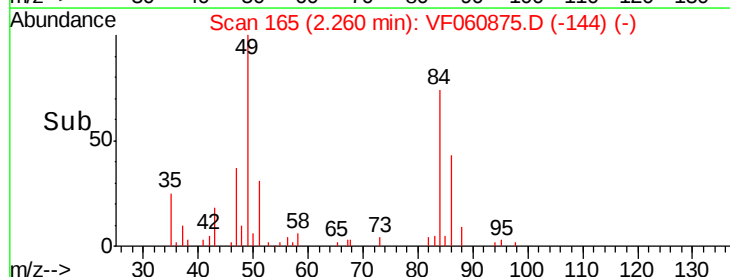
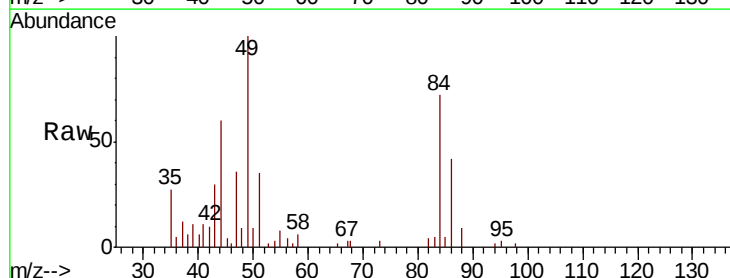
6000

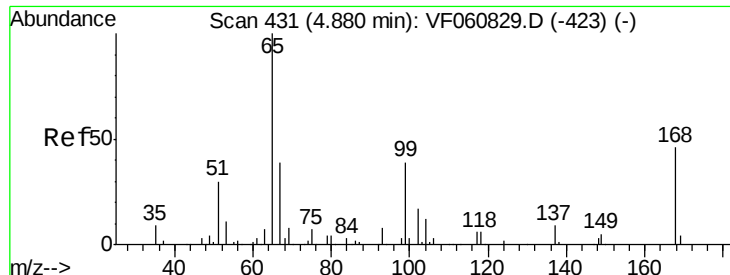
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 56.853 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.04 min

Lab File: VF060875.D

Acq: 29 Nov 2018 19:13

Instrument :

MSVOA_F

ClientSampleId :

EO-02-112918-B

Tot Ion: 65 Resp: 129175

Ion Ratio Lower Upper

65 100

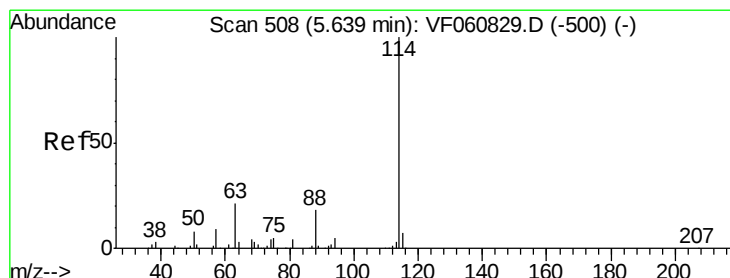
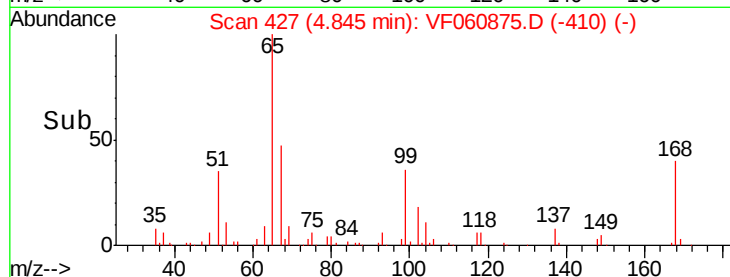
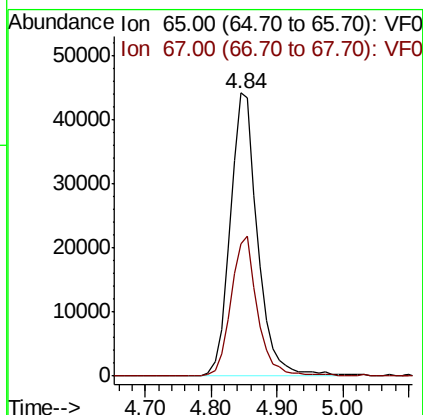
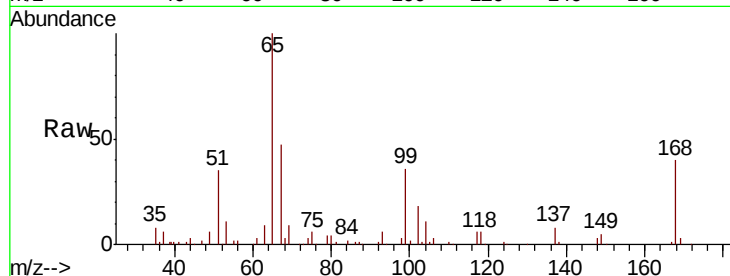
67 46.6 0.0 96.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.04 min

Lab File: VF060875.D

Acq: 29 Nov 2018 19:13

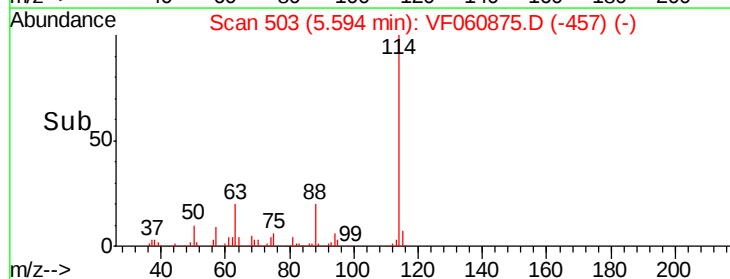
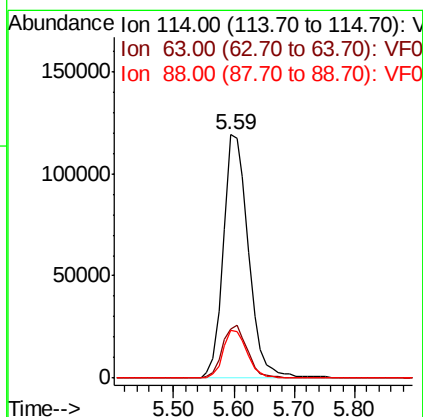
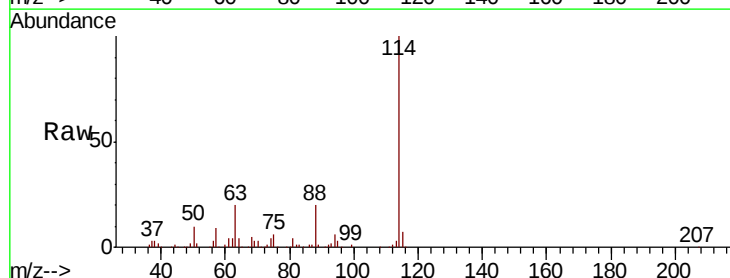
Tgt Ion: 114 Resp: 343922

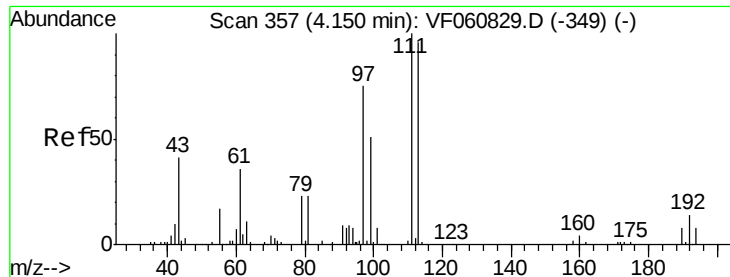
Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.6

88 19.6 0.0 36.6





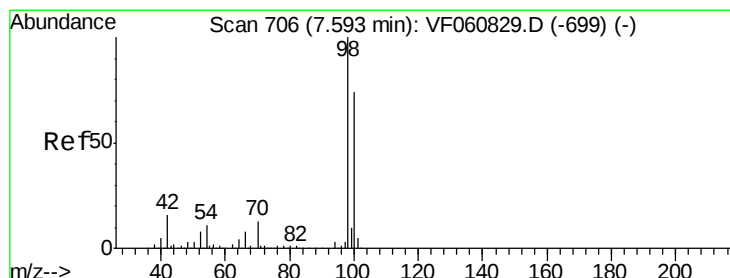
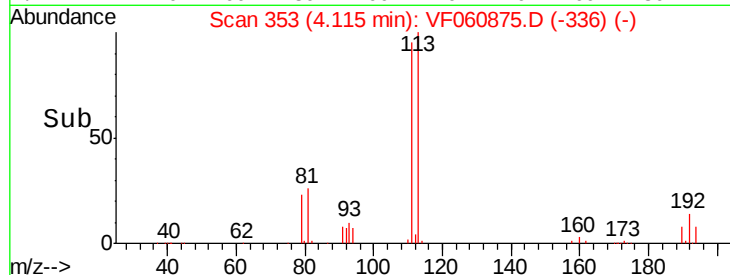
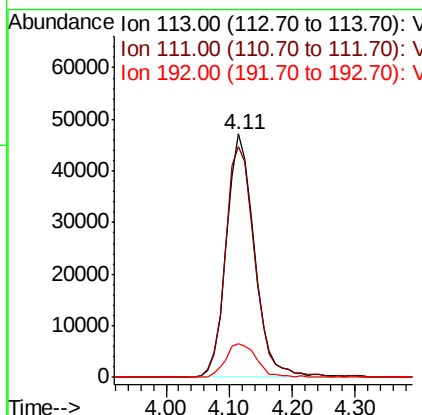
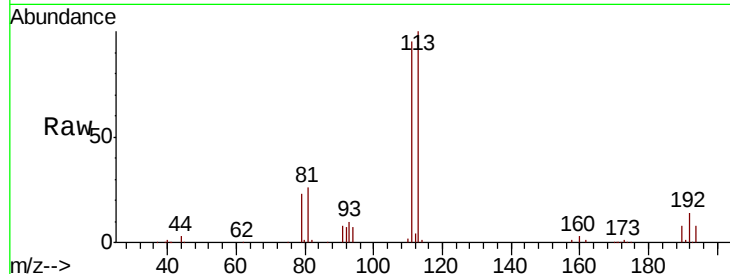
#35
 Dibromofluoromethane
 Concen: 53.362 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. -0.04 min
 Lab File: VF060875.D
 Acq: 29 Nov 2018 19:13

Instrument :
 MSVOA_F
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
113	100	145593		
111	94.8	83.0	124.6	
192	14.3	12.3	18.5	

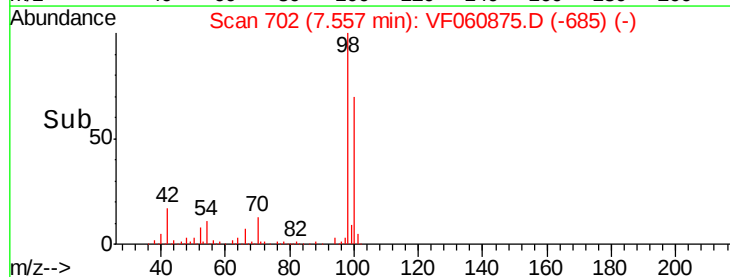
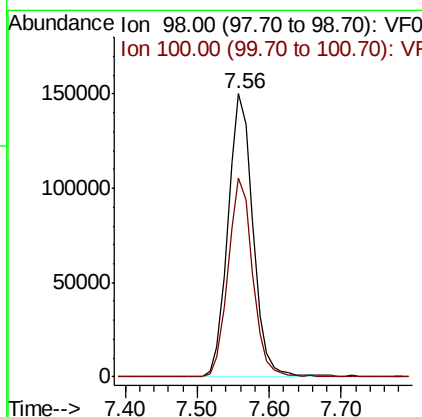
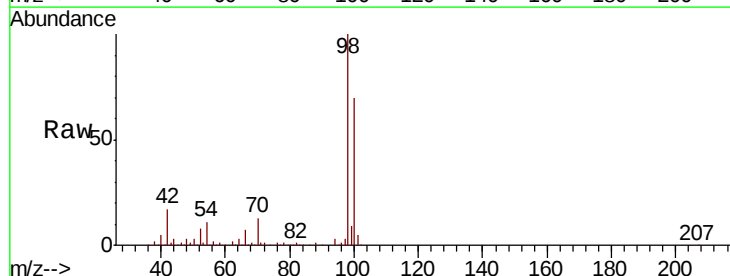
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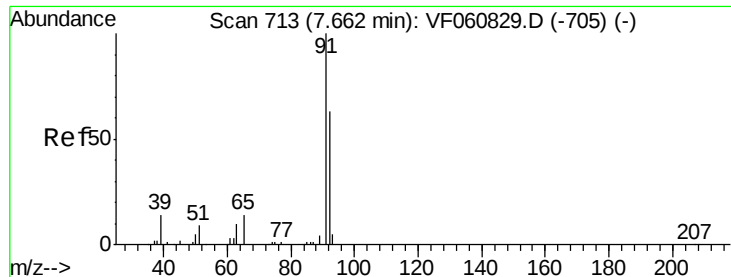
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#50
 Toluene-d8
 Concen: 45.184 ug/l
 RT: 7.56 min Scan# 702
 Delta R.T. -0.04 min
 Lab File: VF060875.D
 Acq: 29 Nov 2018 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	363149		
100	70.4	59.3	88.9	





#52

Toluene

Concen: 1.919 ug/l

RT: 7.63 min Scan# 709

Delta R.T. -0.04 min

Lab File: VF060875.D

Acq: 29 Nov 2018 19:13

Instrument :

MSVOA_F

ClientSampleId :

EO-02-112918-B

Tot Ion: 92 Resp: 11357

Ion Ratio Lower Upper

92 100

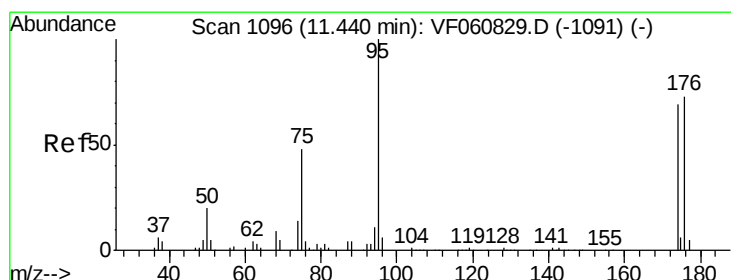
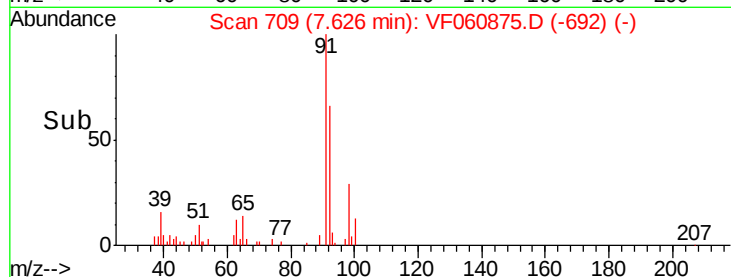
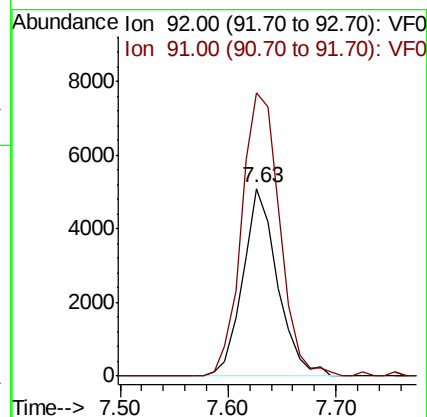
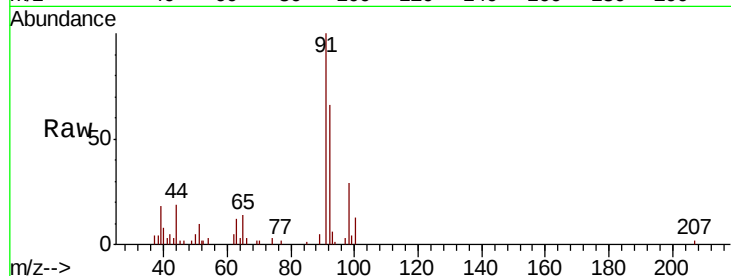
91 150.9 126.2 189.2

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 45.719 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.03 min

Lab File: VF060875.D

Acq: 29 Nov 2018 19:13

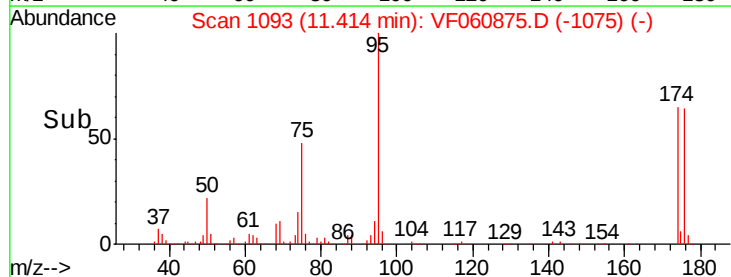
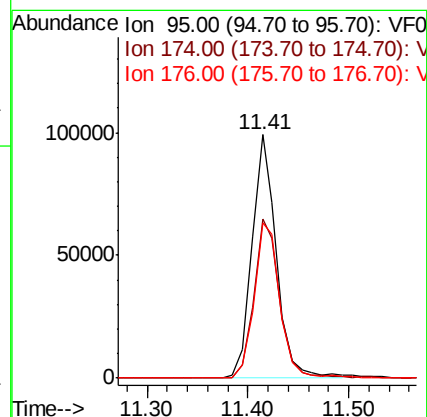
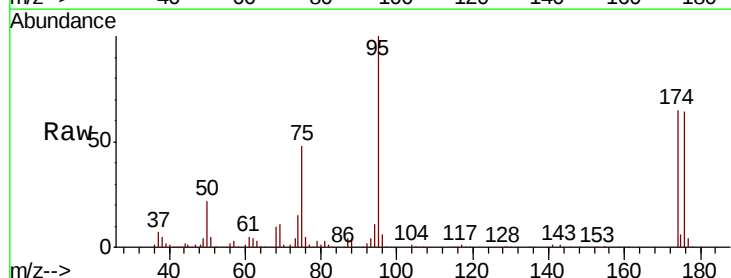
Tgt Ion: 95 Resp: 167002

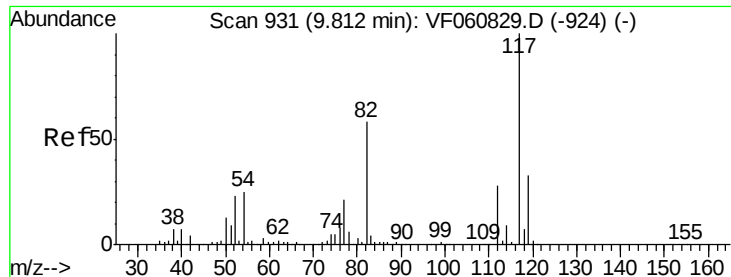
Ion Ratio Lower Upper

95 100

174 65.4 0.0 138.2

176 63.5 0.0 146.2





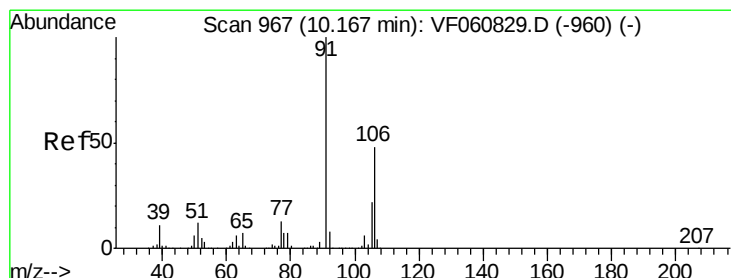
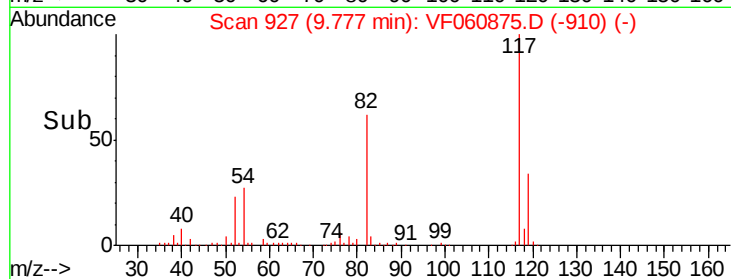
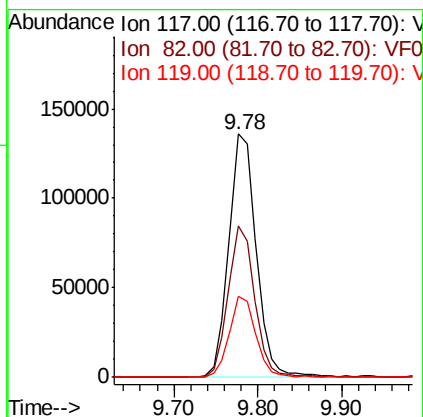
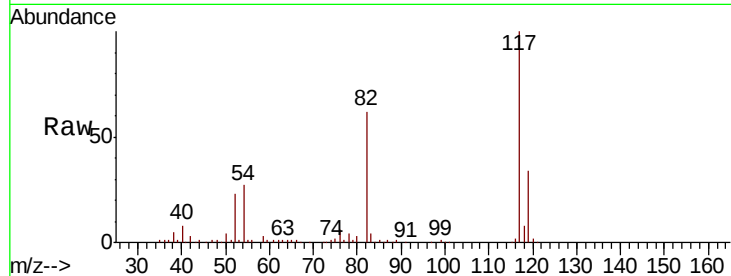
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF060875.D
Acq: 29 Nov 2018 19:13

Instrument :
MSVOA_F
ClientSampleId :
EO-02-112918-B

Tot Ion	Ratio	Resp	Lower	Upper
117	100	309518		
82	62.0	46.6	69.8	
119	33.5	26.4	39.6	

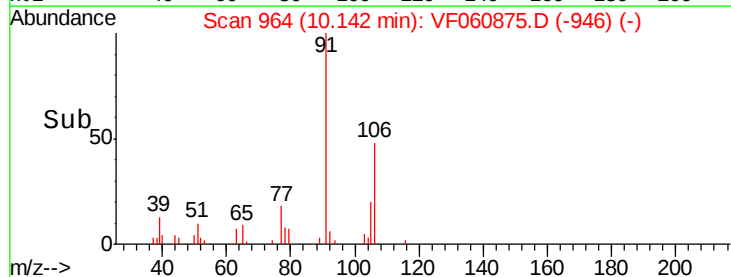
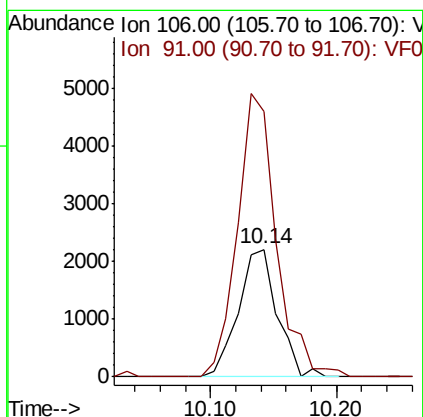
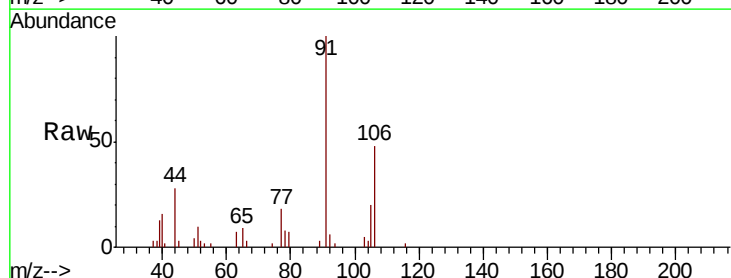
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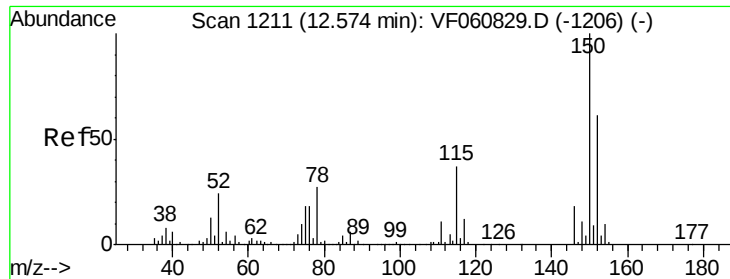
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#68
m/p-Xylenes
Concen: 1.176 ug/l
RT: 10.14 min Scan# 964
Delta R.T. -0.03 min
Lab File: VF060875.D
Acq: 29 Nov 2018 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	4741		
91	208.7	166.7	250.1	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1209

Delta R.T. -0.02 min

Lab File: VF060875.D

Acq: 29 Nov 2018 19:13

Instrument :

MSVOA_F

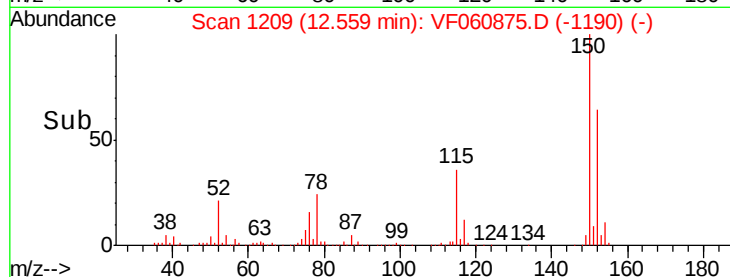
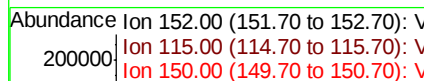
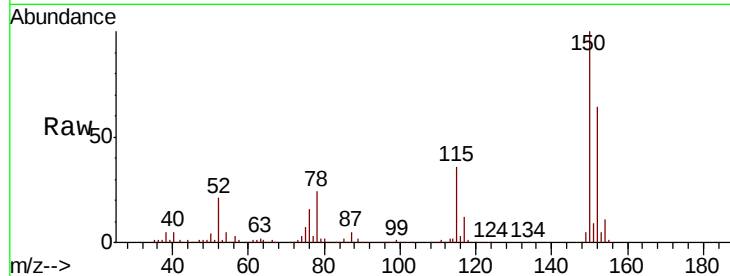
ClientSampleId :

EO-02-112918-B

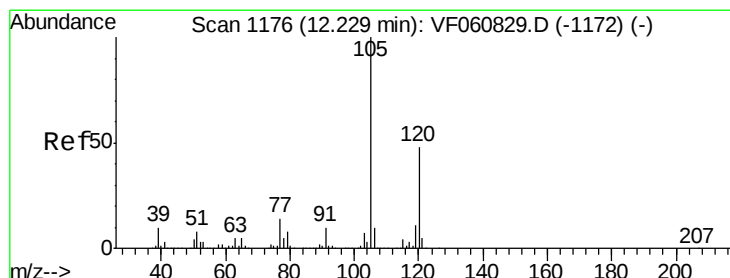
Tot Ion:	152	Resp:	156411
Ion Ratio	Lower	Upper	
152	100		
115	56.7	30.1	90.5
150	155.5	0.0	327.6

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#84

1,2,4-Trimethylbenzene

Concen: 1.139 ug/l

RT: 12.21 min Scan# 1174

Delta R.T. -0.02 min

Lab File: VF060875.D

Acq: 29 Nov 2018 19:13

Tgt Ion:	105	Resp:	11404
Ion Ratio	Lower	Upper	
105	100		
120	36.2	23.8	71.5

