

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080318\
 Data File : VF059845.D
 Acq On : 3 Aug 2018 18:12
 Operator : VA/AP
 Sample : J4278-01RE
 Misc : 6.27g/5mL/MSVOA F/SOIL
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-03-080118-ARE

Manual Integrations
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Quant Time: Aug 04 03:37:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	145755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	223072	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	153894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	52839	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	105459	40.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.52%	
35) Dibromofluoromethane	4.28	113	88919	38.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.76%	
50) Toluene-d8	7.70	98	162012	29.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.98%	
62) 4-Bromofluorobenzene	11.51	95	50749	16.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	33.94%	
Target Compounds						
16) Acetone	2.33	43	22587m	47.94	ug/l	Qvalue
20) Methylene Chloride	2.28	84	8526	1.39	ug/l	86
84) 1,2,4-Trimethylbenzene	12.28	105	28345	6.19	ug/l	100
95) Naphthalene	14.52	128	19934	8.75	ug/l #	9

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

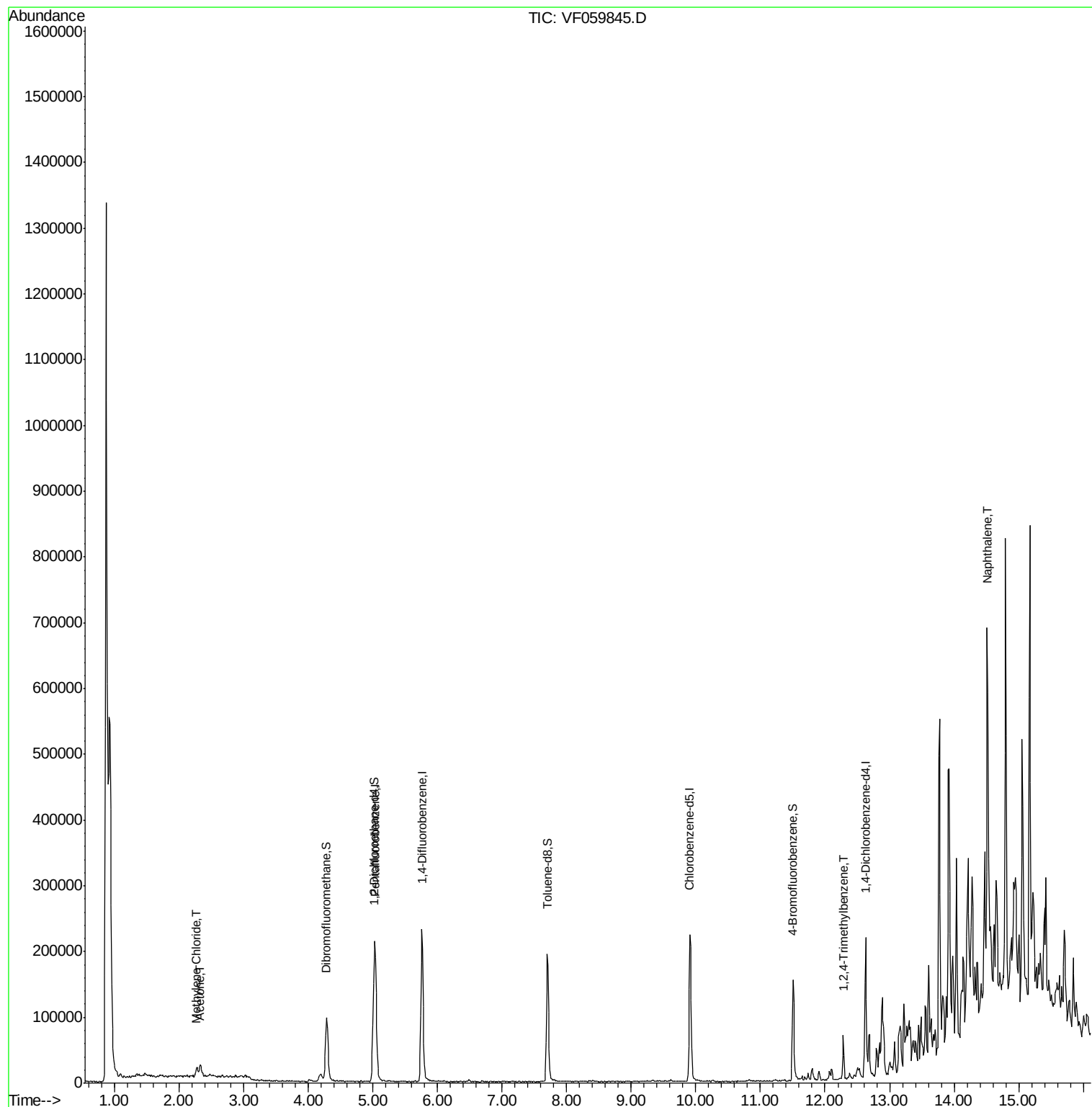
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080318\
Data File : VF059845.D
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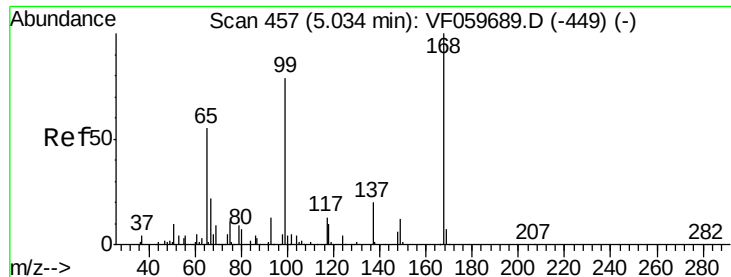
Instrument :
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Quant Time: Aug 04 03:37:26 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059845.D

Acq: 3 Aug 2018 18:12

Instrument :

MSVOA_F

ClientSampleId :

EO-03-080118-ARE

Tot Ion:168 Resp: 145755

Ion Ratio Lower Upper

168 100

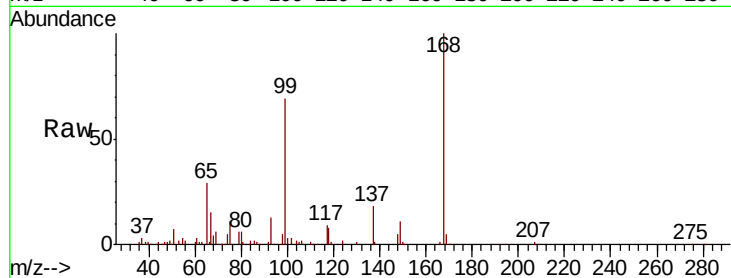
99 68.9 63.3 94.9

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

40000

30000

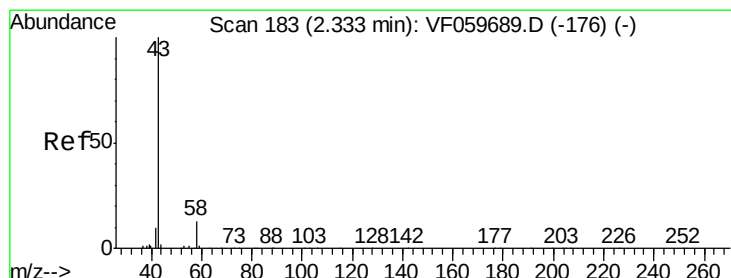
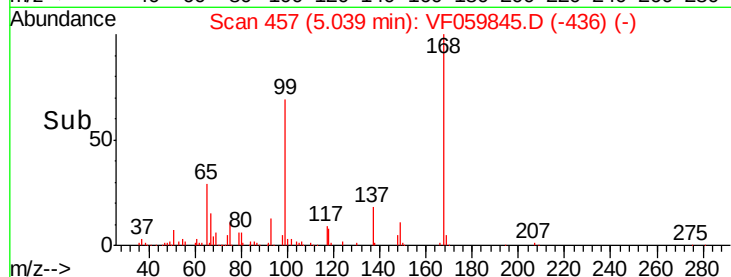
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#16

Acetone

Concen: 47.94 ug/l m

RT: 2.33 min Scan# 182

Delta R.T. -0.00 min

Lab File: VF059845.D

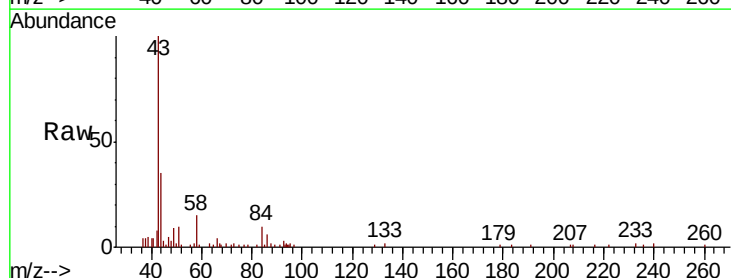
Acq: 3 Aug 2018 18:12

Tgt Ion: 43 Resp: 22587

Ion Ratio Lower Upper

43 100

58 15.3 10.1 15.1#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.33

10000

8000

6000

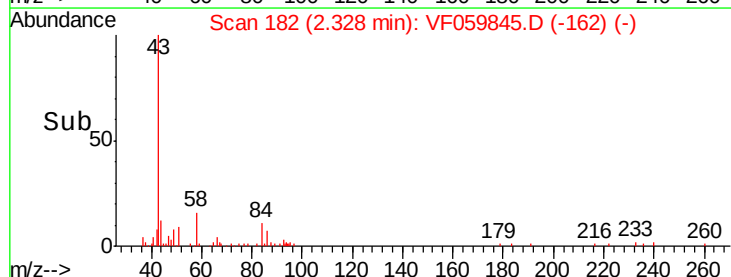
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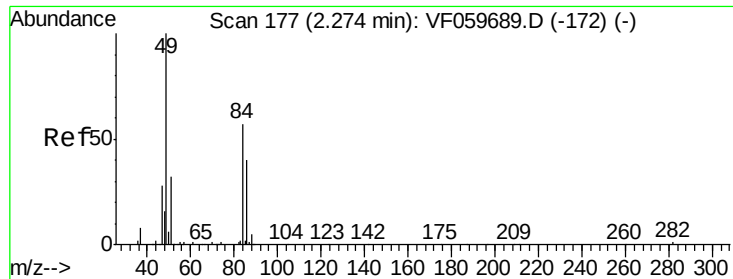
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0

2.30 2.35 2.40

Time-->





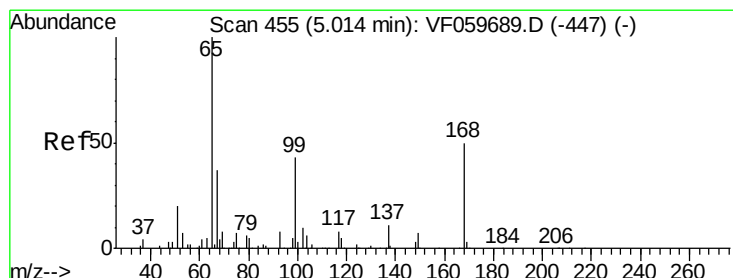
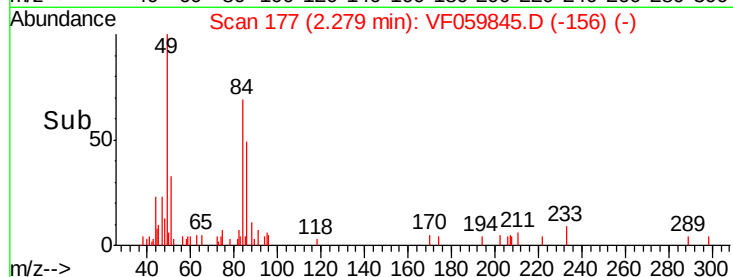
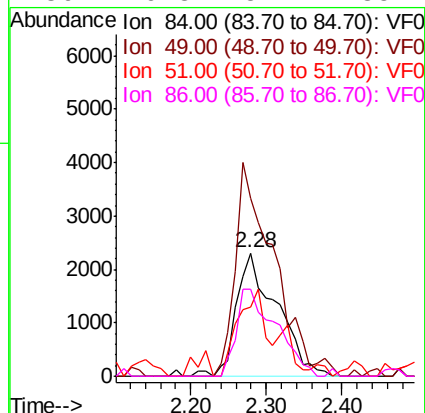
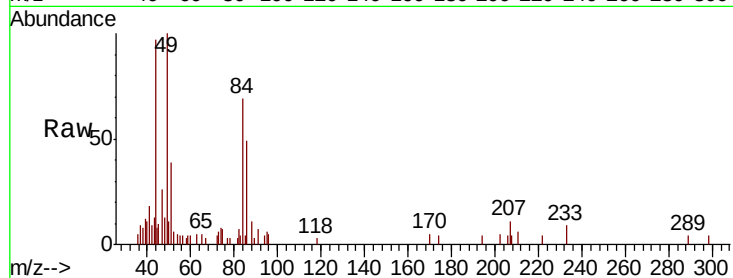
#20
Methylene Chloride
Concen: 1.39 ug/l
RT: 2.28 min Scan# 177
Delta R.T. 0.01 min
Lab File: VF059845.D
Acq: 3 Aug 2018 18:12

Instrument :
MSVOA_F
ClientSampleId :
EO-03-080118-ARE

Tot Ion:	84	Resp:	8526
Ion	Ratio	Lower	Upper
84	100		
49	145.0	142.2	213.4
51	56.1	46.2	69.2
86	70.3	57.1	85.7

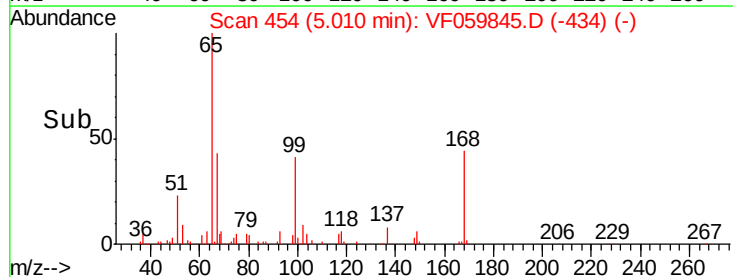
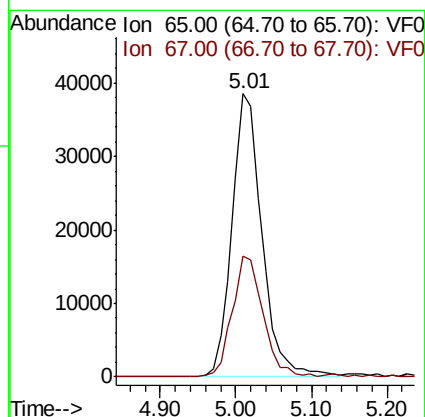
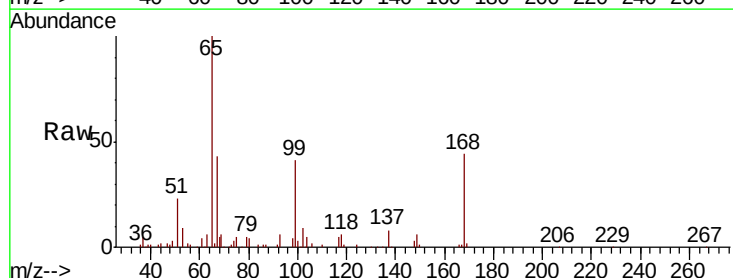
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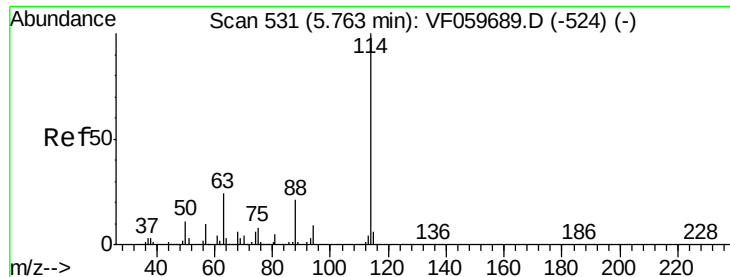
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#33
1,2-Dichloroethane-d4
Concen: 40.26 ug/l
RT: 5.01 min Scan# 454
Delta R.T. -0.00 min
Lab File: VF059845.D
Acq: 3 Aug 2018 18:12

Tgt Ion:	65	Resp:	105459
Ion	Ratio	Lower	Upper
65	100		
67	42.5	0.0	84.6





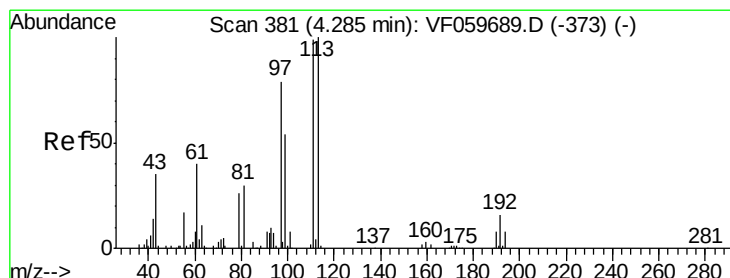
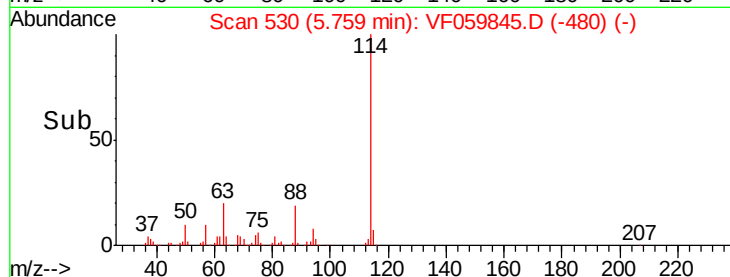
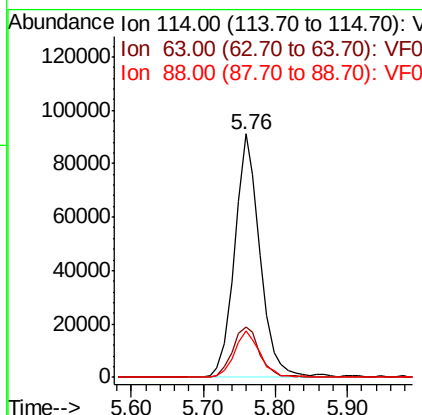
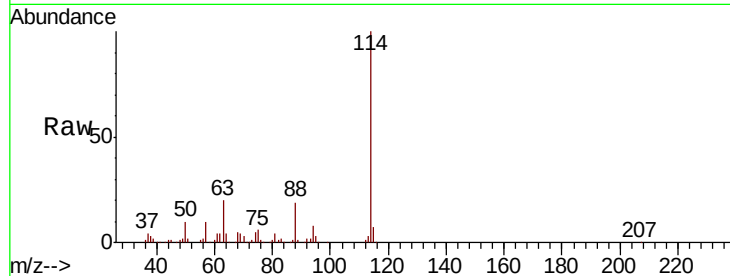
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VF059845.D
 Acq: 3 Aug 2018 18:12

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-03-080118-ARE

Tot Ion	Ratio	Resp	Lower	Upper
114	100	223072		
63	20.4		0.0	47.4
88	19.2		0.0	41.2

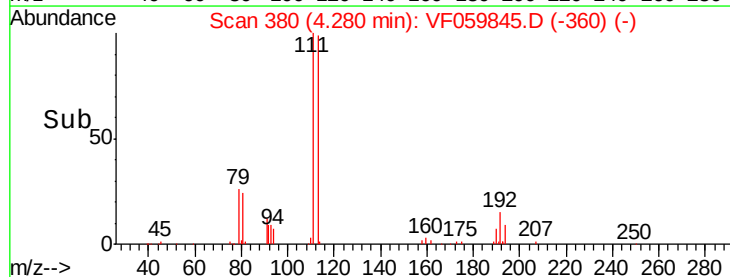
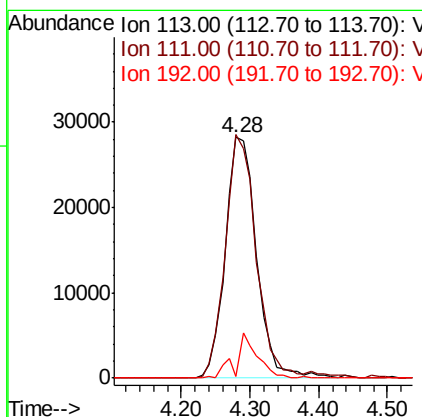
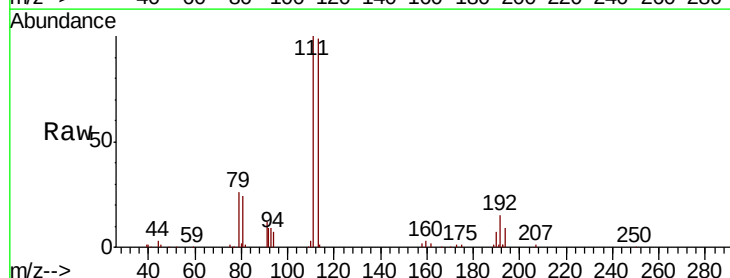
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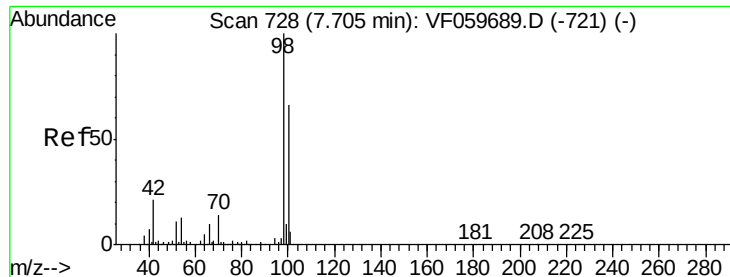
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#35
 Dibromofluoromethane
 Concen: 38.38 ug/l
 RT: 4.28 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VF059845.D
 Acq: 3 Aug 2018 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	88919		
111	101.2		79.0	118.4
192	0.5		13.2	19.8#





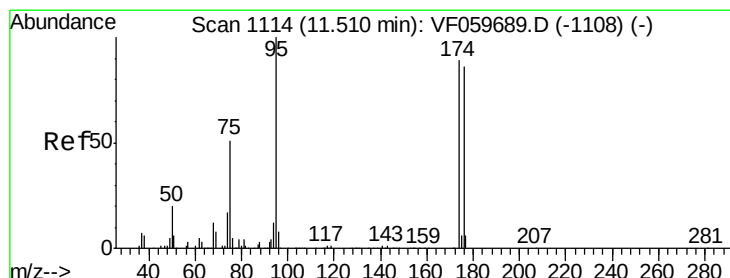
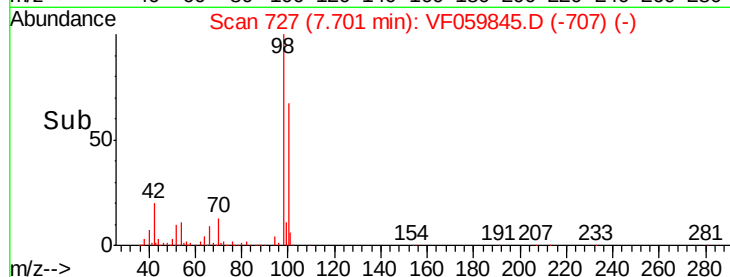
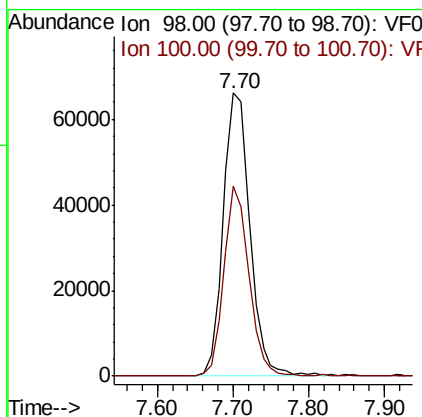
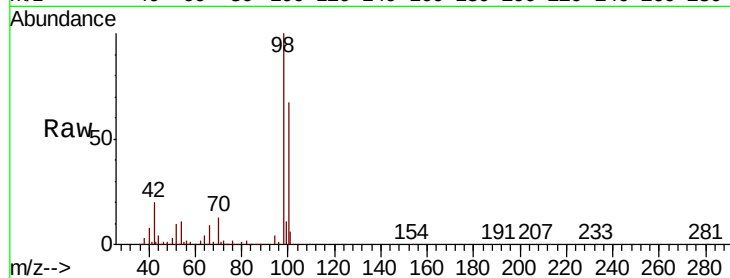
#50
Toluene-d8
Concen: 29.99 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF059845.D
Acq: 3 Aug 2018 18:12

Instrument :
MSVOA_F
ClientSampleId :
EO-03-080118-ARE

Tot Ion	Ratio	Lower	Upper
98	100		
100	67.0	52.8	79.2

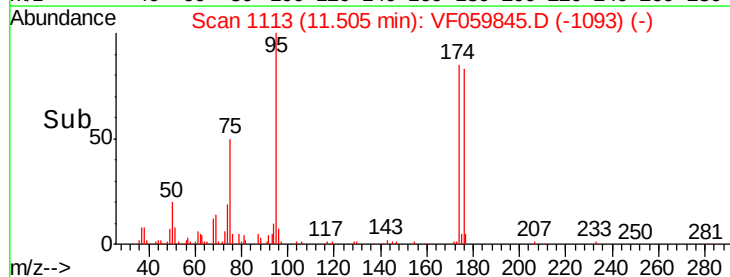
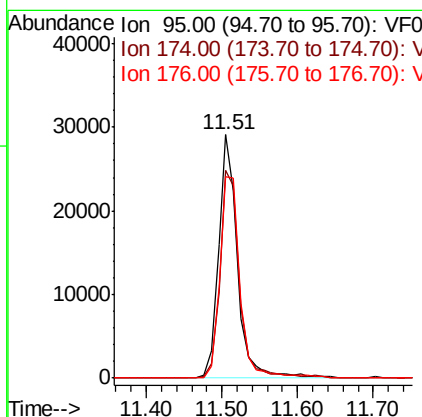
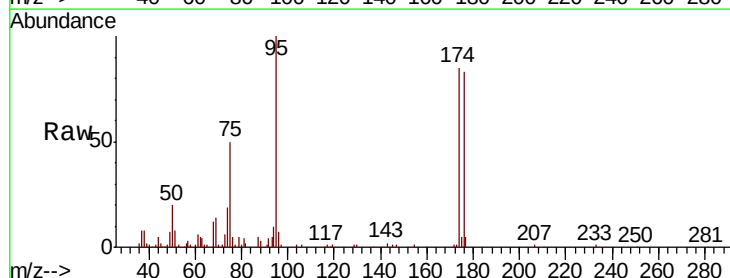
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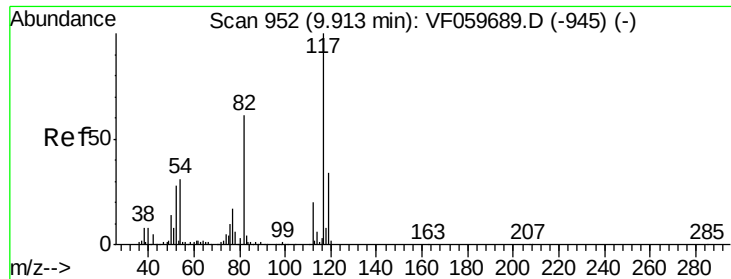
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#62
4-Bromofluorobenzene
Concen: 16.97 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059845.D
Acq: 3 Aug 2018 18:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.3	0.0	178.4
176	82.7	0.0	173.0





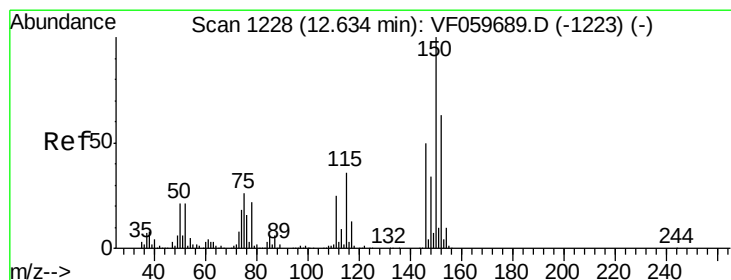
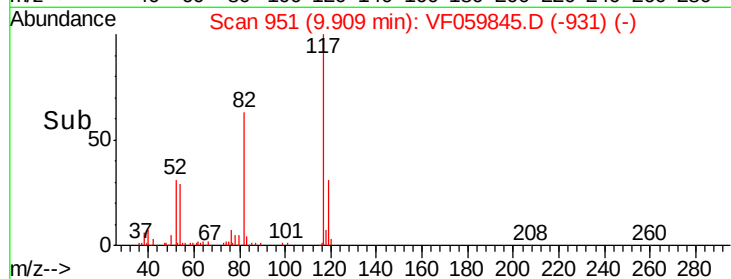
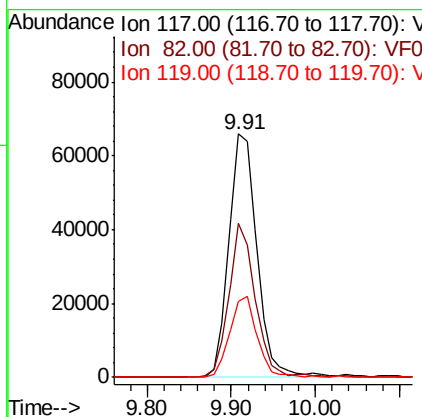
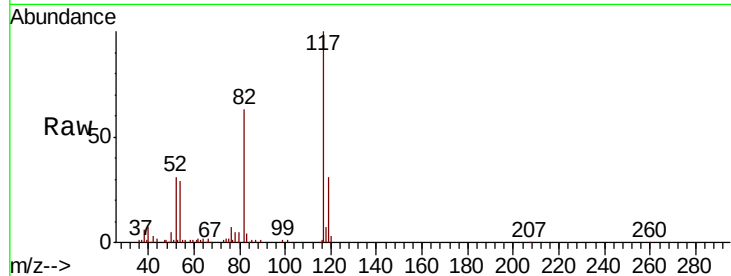
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059845.D
Acq: 3 Aug 2018 18:12

Instrument :
MSVOA_F
ClientSampleId :
EO-03-080118-ARE

Tot Ion	Ratio	Resp	Lower	Upper
117	100	153894		
82	63.3	49.0	73.4	
119	31.3	27.3	40.9	

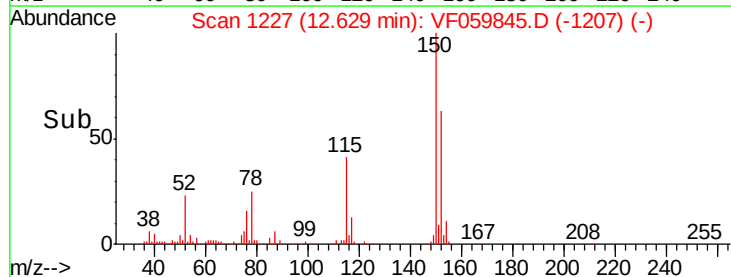
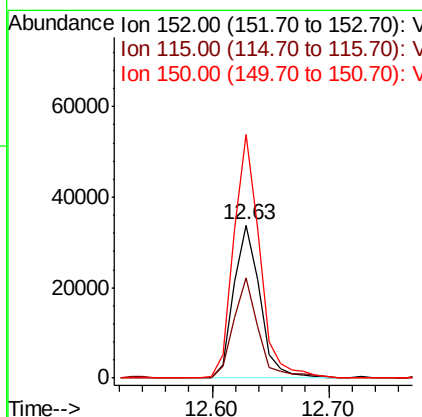
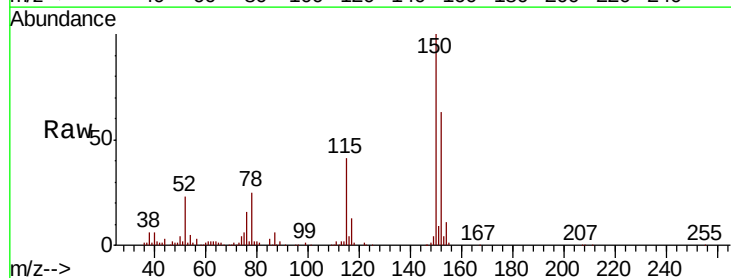
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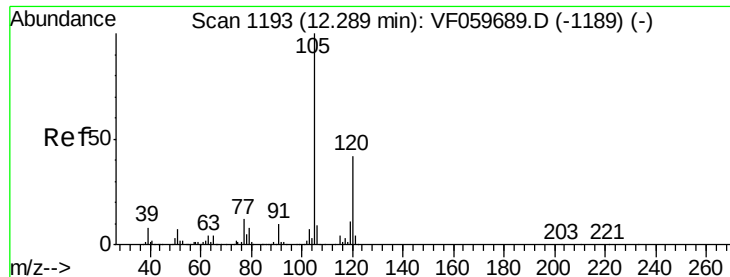
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059845.D
Acq: 3 Aug 2018 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	52839		
115	65.2	28.2	84.6	
150	159.1	0.0	316.2	





#84

1,2,4-Trimethylbenzene

Concen: 6.19 ug/l

RT: 12.28 min Scan# 1192

Delta R.T. -0.00 min

Lab File: VF059845.D

Acq: 3 Aug 2018 18:12

Instrument :

MSVOA_F

ClientSampleId :

EO-03-080118-ARE

Tot Ion:105 Resp: 28345

Ion Ratio Lower Upper

105 100

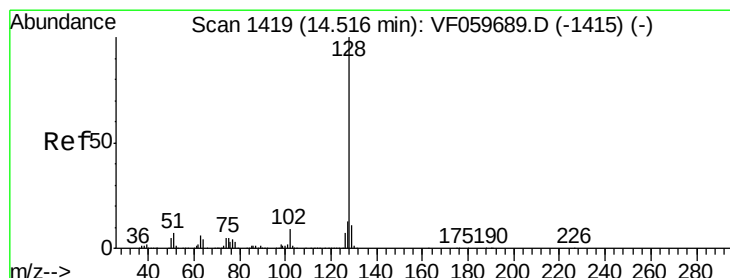
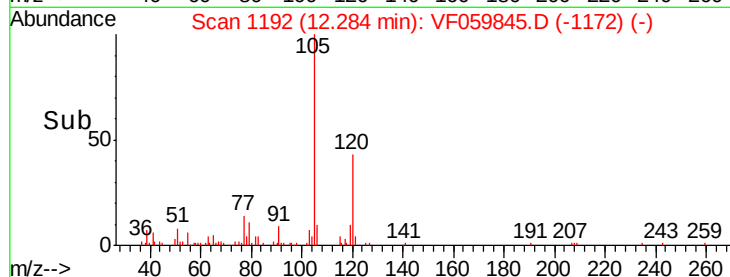
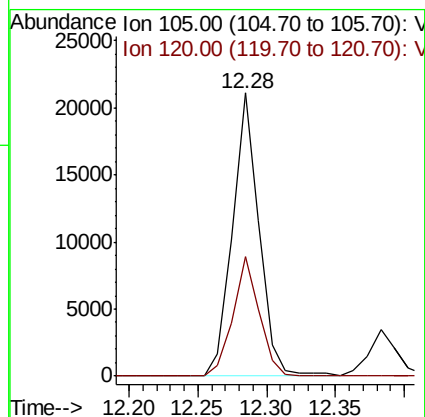
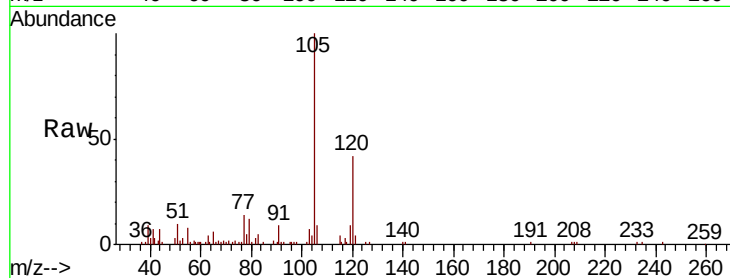
120 42.0 21.1 63.3

Manual Integrations

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#95

Naphthalene

Concen: 8.75 ug/l

RT: 14.52 min Scan# 1419

Delta R.T. 0.01 min

Lab File: VF059845.D

Acq: 3 Aug 2018 18:12

Tgt Ion:128 Resp: 19934

Ion Ratio Lower Upper

128 100

127 41.8 10.0 15.0#

129 52.4 8.6 13.0#

