

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
 Data File : VF059818.D
 Acq On : 2 Aug 2018 23:21
 Operator : VA/AP
 Sample : J4267-12
 Misc : 5.10g/5mL/MSVOA F/SOIL
 ALS Vial : 97 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 UST-S

Manual Integrations
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Quant Time: Aug 03 07:58:41 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	82410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	148694	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	61937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	41698	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	121953	82.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	164.68%	
35) Dibromofluoromethane	4.28	113	89547	57.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.96%	
50) Toluene-d8	7.70	98	66882	18.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	37.14%	
62) 4-Bromofluorobenzene	11.51	95	149723	75.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	150.18%	
Target Compounds						
39) Methylcyclohexane	5.62	83	34766	28.42	ug/l	85
69) o-Xylene	10.82	106	28075	35.54	ug/l	88
80) 1,3,5-Trimethylbenzene	11.91	105	284426	139.27	ug/l	96
85) sec-Butylbenzene	12.39	105	46474	12.60	ug/l	87
86) p-Isopropyltoluene	12.54	119	184533m	78.98	ug/l	

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

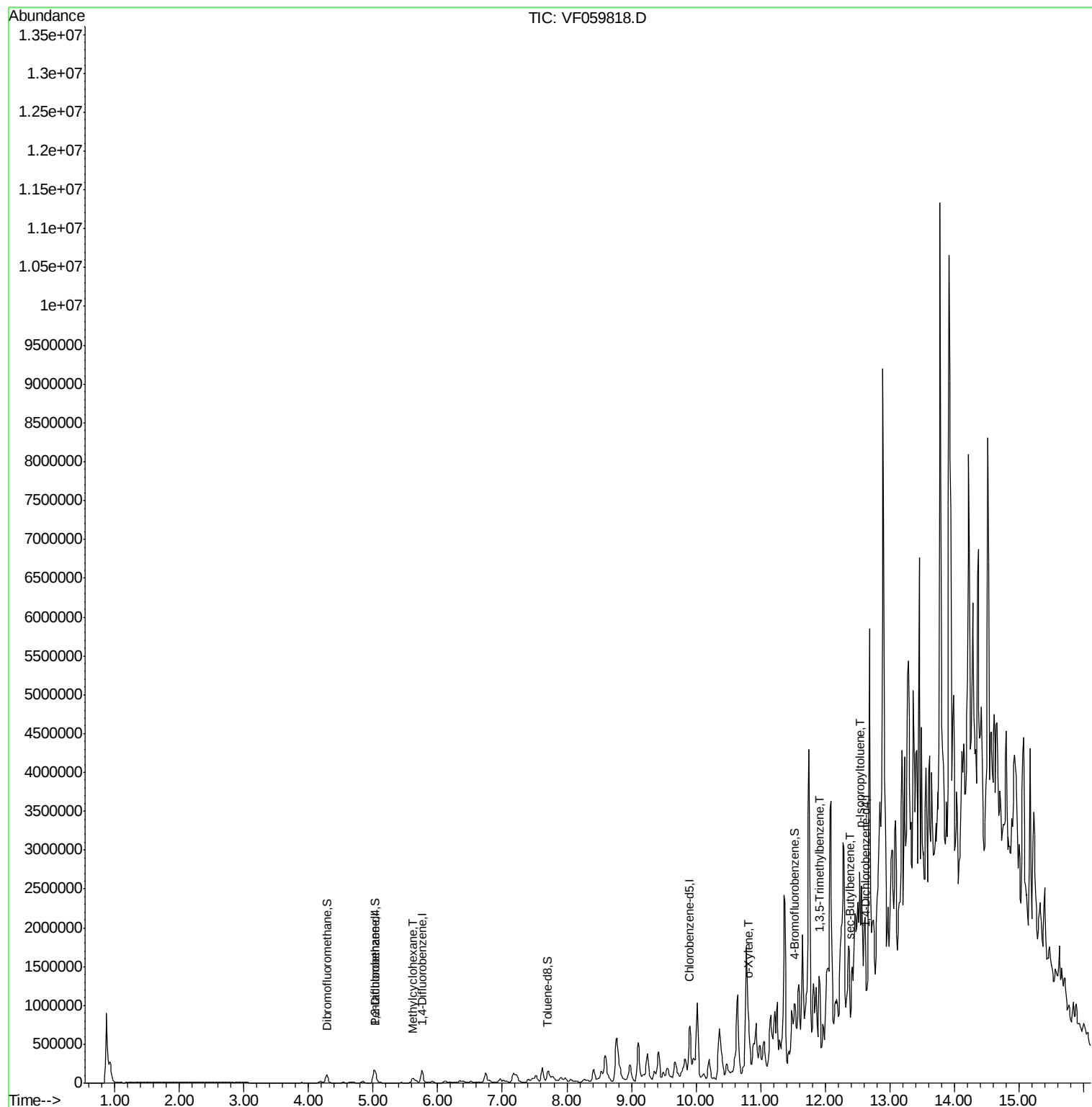
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080218\
Data File : VF059818.D
Acq On : 2 Aug 2018 23:21
Operator : VA/AP
Sample : J4267-12
Misc : 5.10a/5mL/MSVOA F/SOIL
ALS Vial : 97 Sample Multiplier: 1

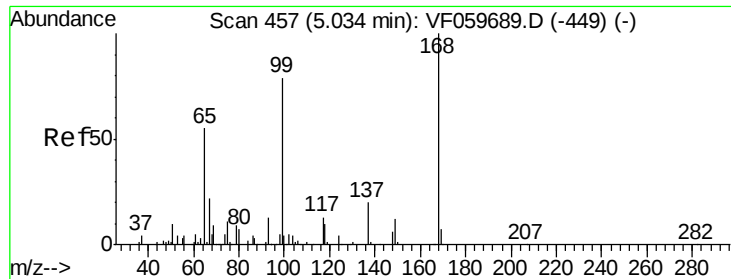
Instrument :
MSVOA_F
ClientSampleId :
UST-S

Quant Time: Aug 03 07:58:41 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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF059818.D

Acq: 2 Aug 2018 23:21

Instrument :

MSVOA_F

ClientSampleId :

UST-S

Tot Ion:168 Resp: 82410

Ion Ratio Lower Upper

168 100

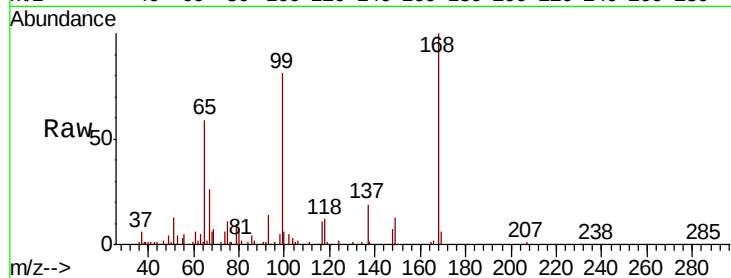
99 80.9 63.3 94.9

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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

30000

25000

20000

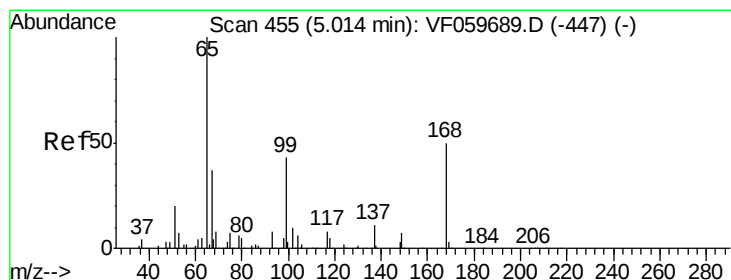
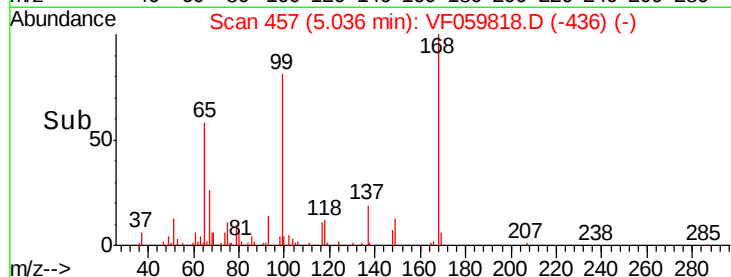
15000

10000

5000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 82.34 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059818.D

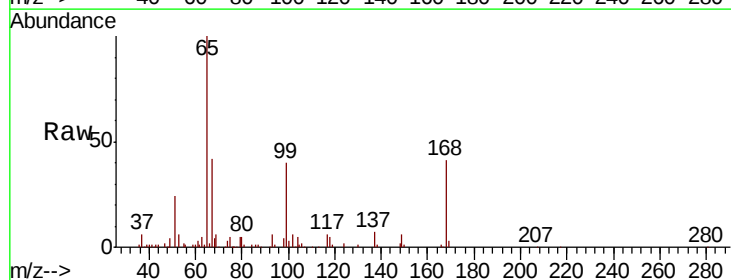
Acq: 2 Aug 2018 23:21

Tgt Ion: 65 Resp: 121953

Ion Ratio Lower Upper

65 100

67 42.0 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

50000

40000

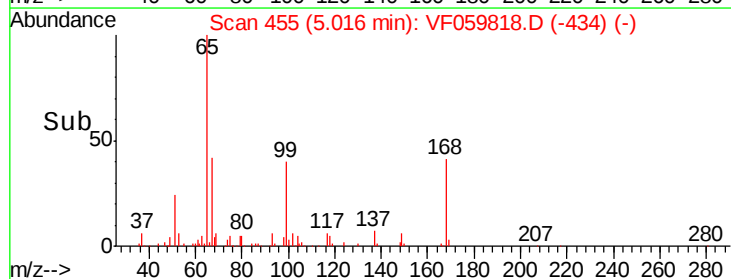
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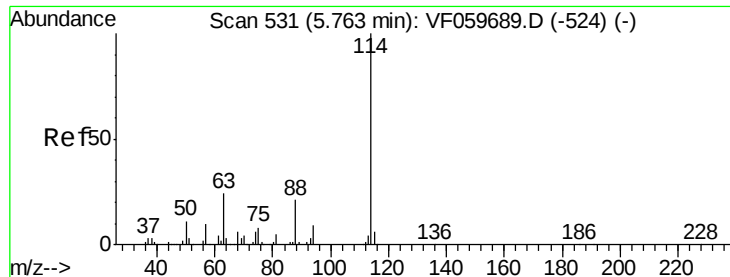
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Time-->





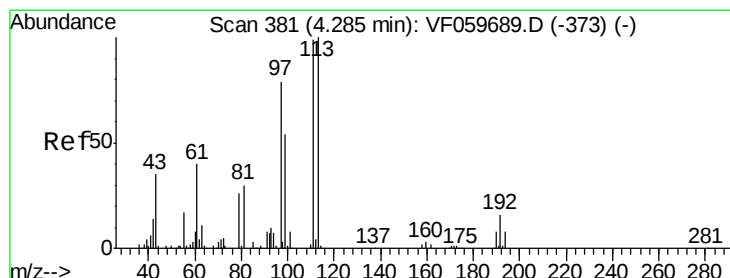
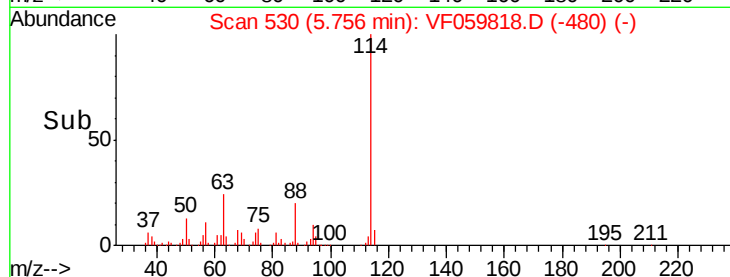
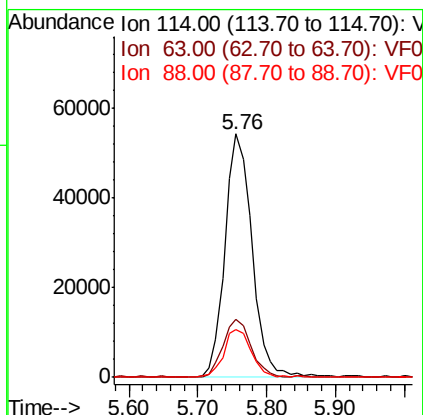
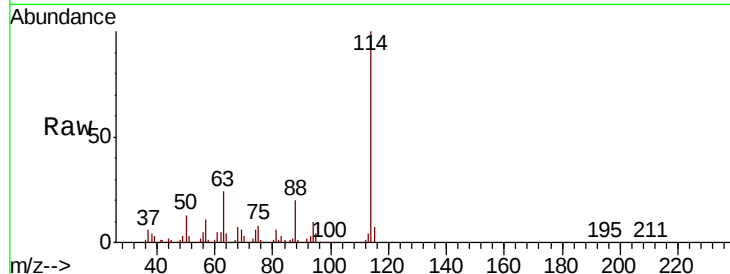
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VF059818.D
 Acq: 2 Aug 2018 23:21

Instrument :
 MSVOA_F
 ClientSampleId :
 UST-S

Tot Ion	Ratio	Resp	Lower	Upper
114	100	148694		
63	23.7	0.0	47.4	
88	19.9	0.0	41.2	

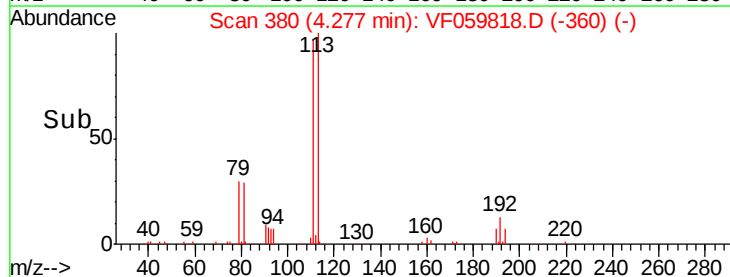
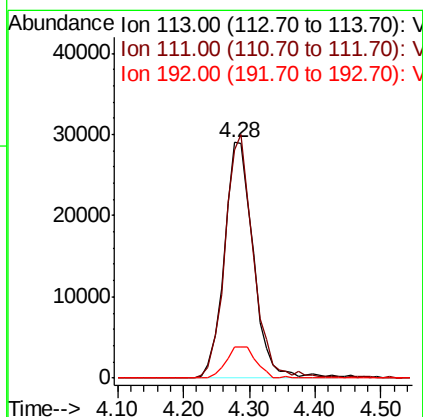
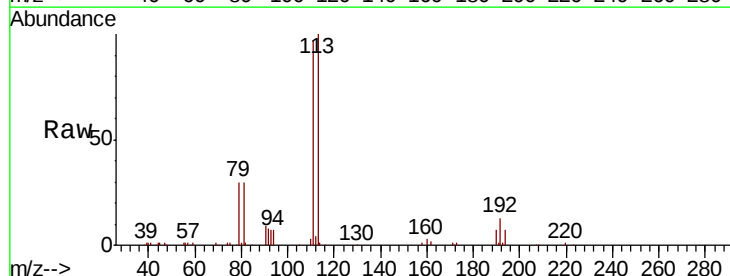
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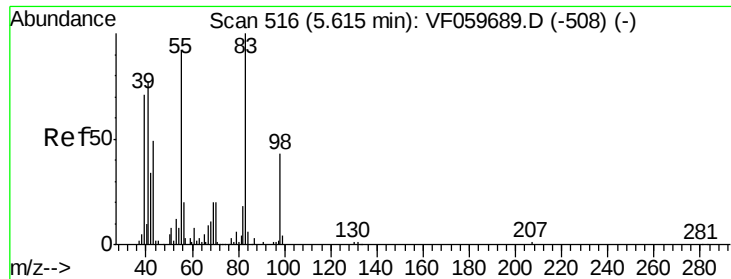
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#35
 Dibromofluoromethane
 Concen: 57.98 ug/l
 RT: 4.28 min Scan# 380
 Delta R.T. -0.01 min
 Lab File: VF059818.D
 Acq: 2 Aug 2018 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	89547		
111	97.0	79.0	118.4	
192	13.0	13.2	19.8#	





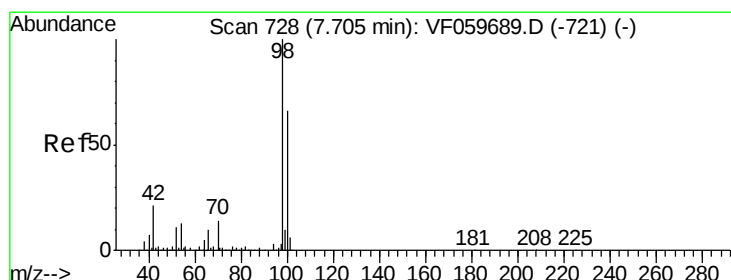
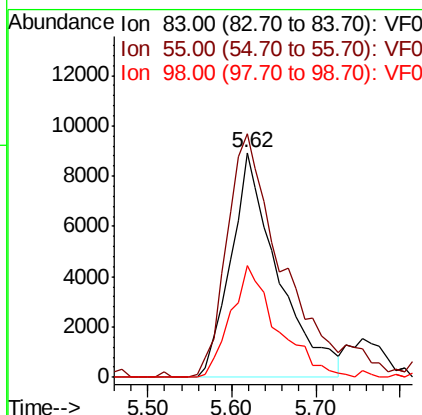
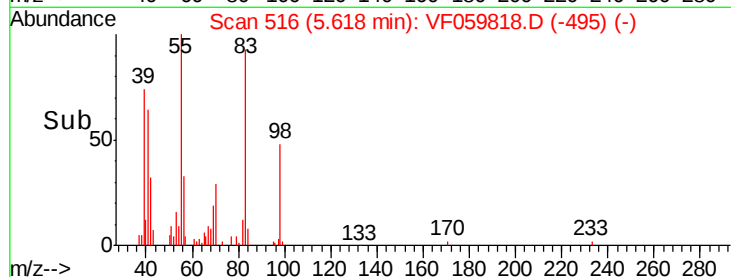
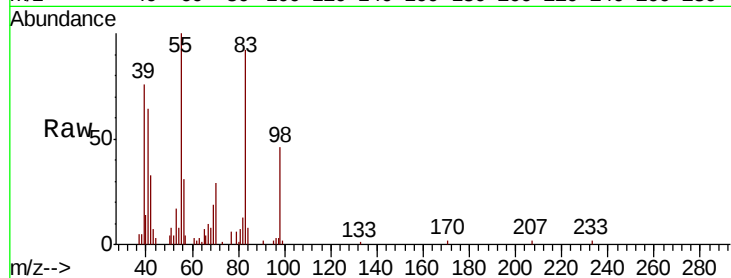
#39
Methvlcvclohexane
Concen: 28.42 ug/l
RT: 5.62 min Scan# 516
Delta R.T. 0.00 min
Lab File: VF059818.D
Acq: 2 Aug 2018 23:21

Instrument :
MSVOA_F
ClientSampled :
UST-S

Tot Ion	Ratio	Lower	Upper
83	100		
55	108.3	73.4	110.2
98	49.7	34.2	51.4

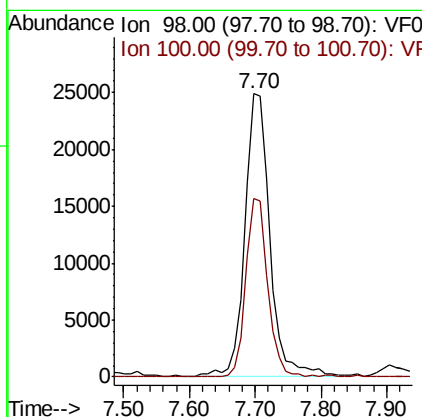
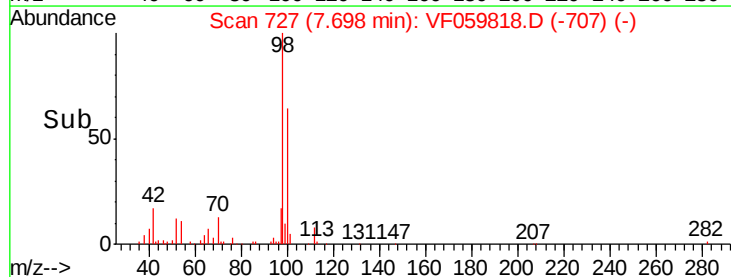
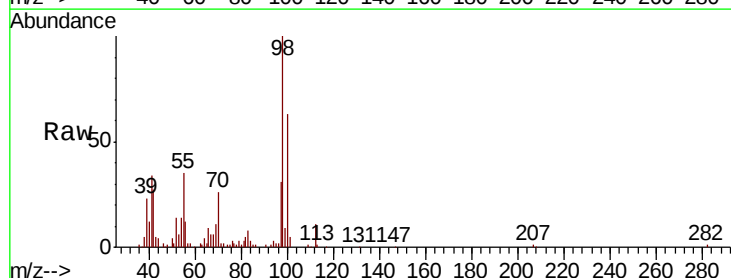
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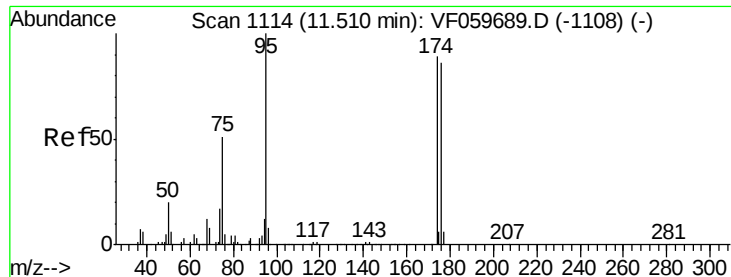
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#50
Toluene-d8
Concen: 18.57 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.01 min
Lab File: VF059818.D
Acq: 2 Aug 2018 23:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	52.8	79.2





#62

4-Bromofluorobenzene

Concen: 75.09 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059818.D

Acq: 2 Aug 2018 23:21

Instrument :

MSVOA_F

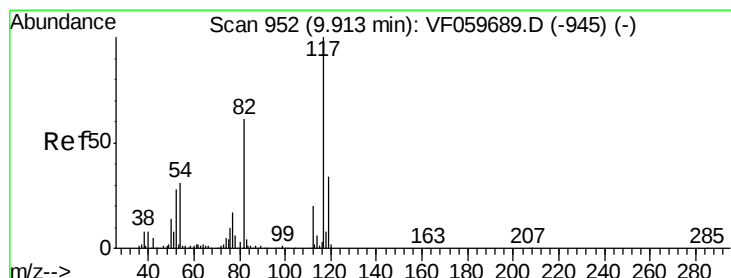
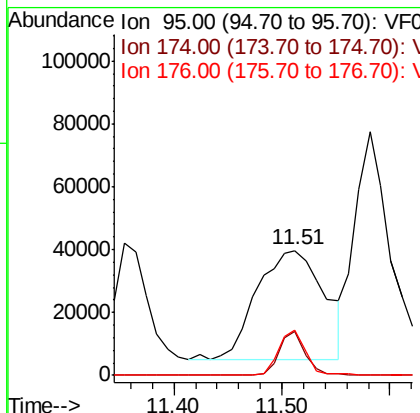
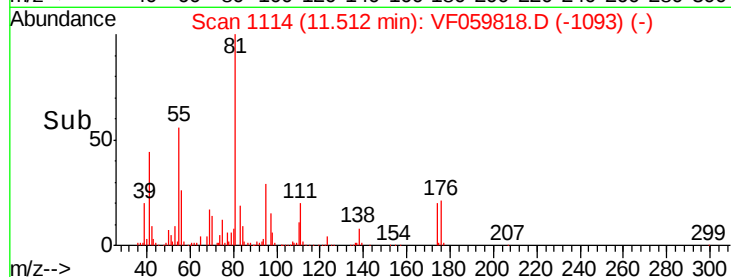
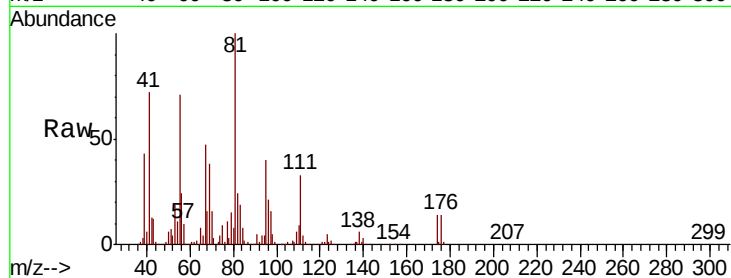
ClientSampled :

UST-S

Tot Ion:	95	Resp:	149723
Ion Ratio	Lower	Upper	
95	100		
174	34.8	0.0	178.4
176	36.2	0.0	173.0

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

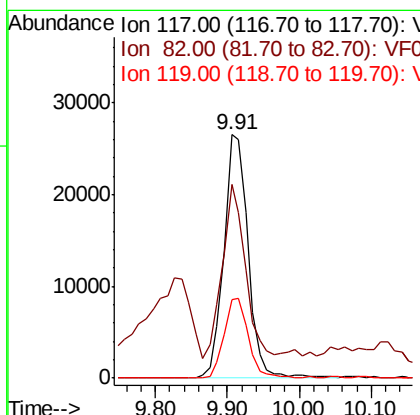
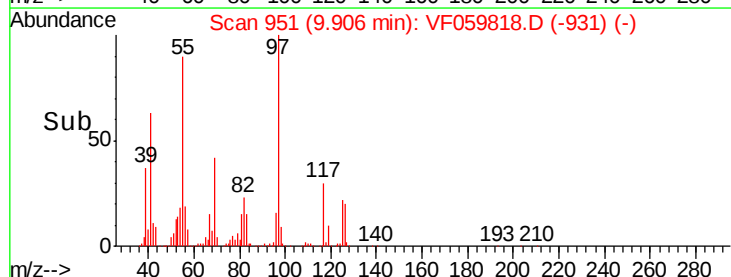
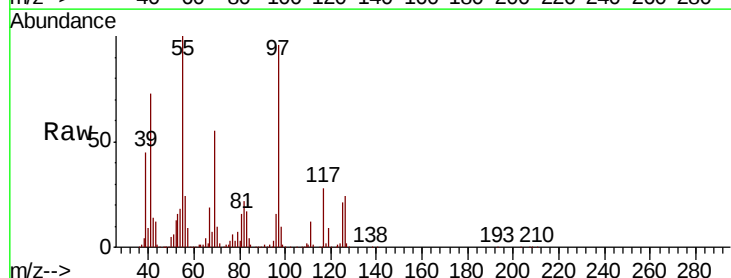
RT: 9.91 min Scan# 951

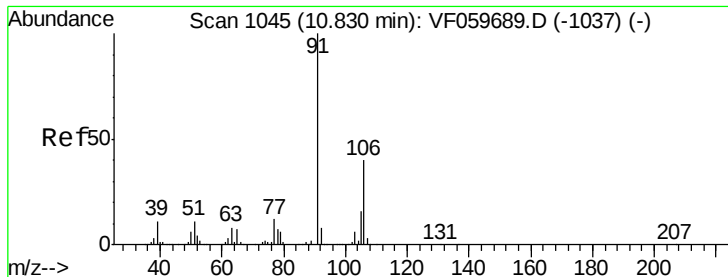
Delta R.T. -0.01 min

Lab File: VF059818.D

Acq: 2 Aug 2018 23:21

Tgt Ion:	117	Resp:	61937
Ion Ratio	Lower	Upper	
117	100		
82	79.5	49.0	73.4#
119	32.2	27.3	40.9





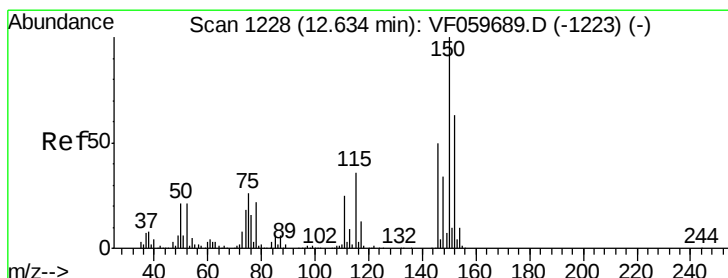
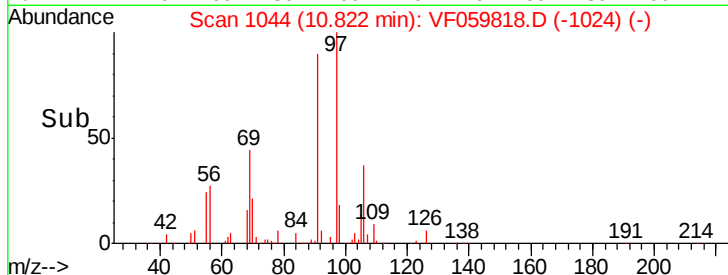
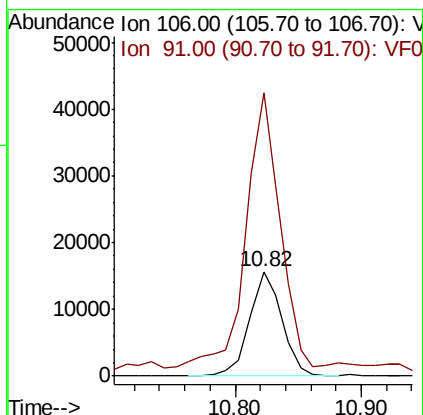
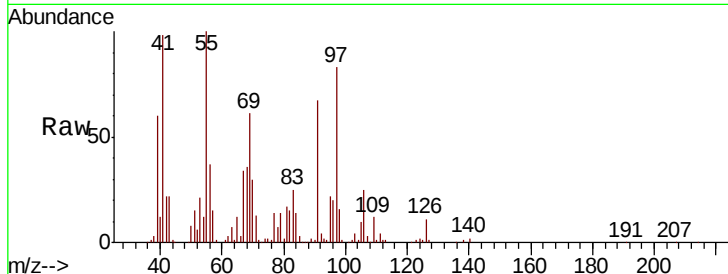
#69
o-Xylene
Concen: 35.54 ug/l
RT: 10.82 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VF059818.D
Acq: 2 Aug 2018 23:21

Instrument :
MSVOA_F
ClientSampled :
UST-S

Tot Ion:106 Resp: 28075
Ion Ratio Lower Upper
106 100
91 270.6 124.6 373.7

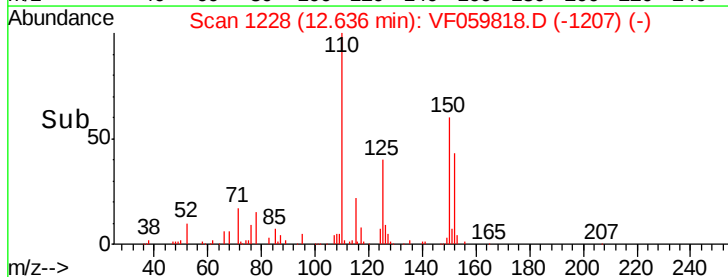
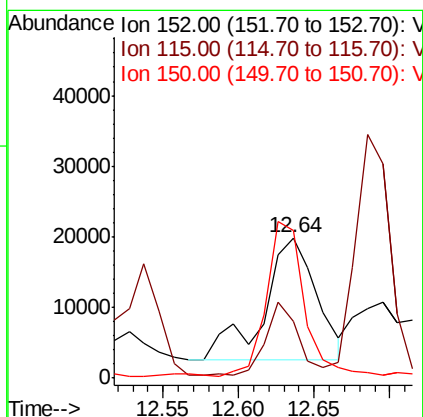
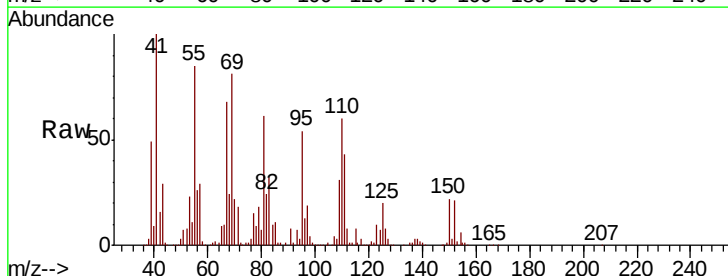
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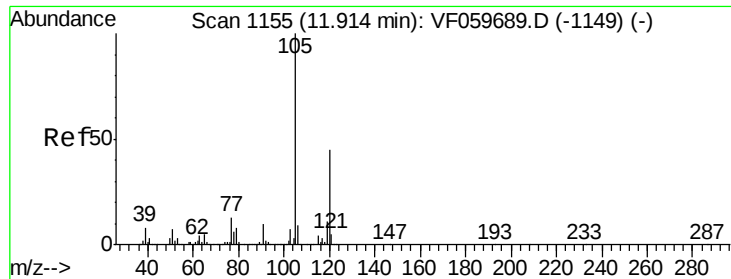
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059818.D
Acq: 2 Aug 2018 23:21

Tgt Ion:152 Resp: 41698
Ion Ratio Lower Upper
152 100
115 40.1 28.2 84.6
150 105.4 0.0 316.2





#80

1,3,5-Trimethylbenzene

Concen: 139.27 ug/l

RT: 11.91 min Scan# 1154

Delta R.T. -0.01 min

Lab File: VF059818.D

Acq: 2 Aug 2018 23:21

Instrument :

MSVOA_F

ClientSampled :

UST-S

Tot Ion:105 Resp: 284426

Ion Ratio Lower Upper

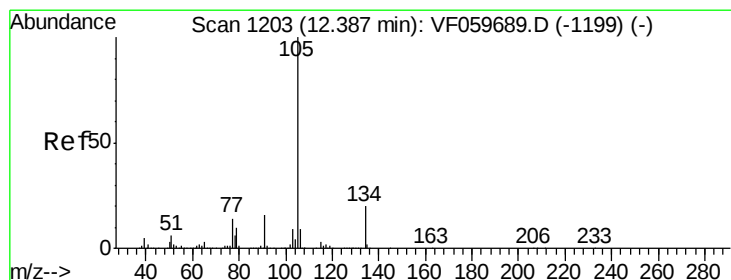
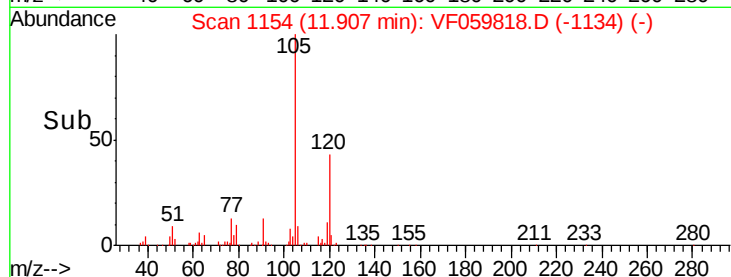
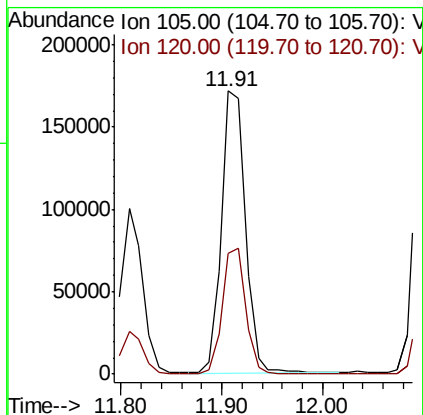
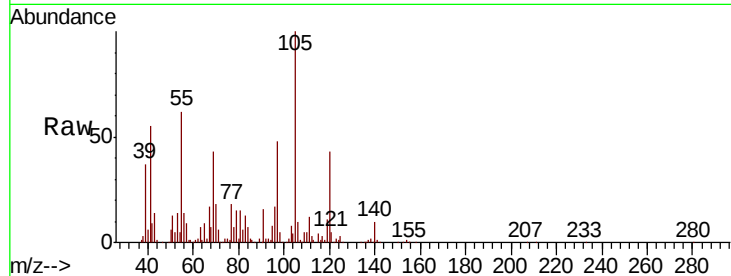
105 100

120 42.7 22.7 68.0

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#85

sec-Butylbenzene

Concen: 12.60 ug/l

RT: 12.39 min Scan# 1203

Delta R.T. 0.00 min

Lab File: VF059818.D

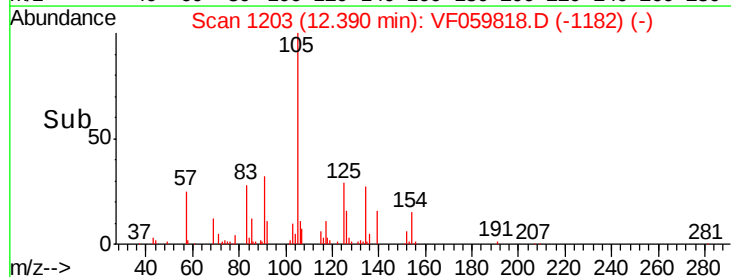
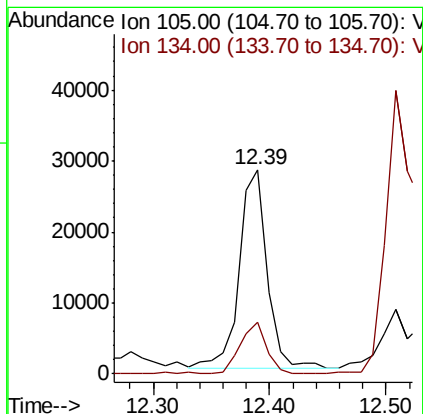
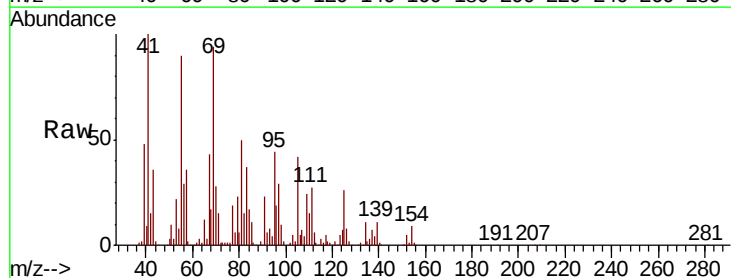
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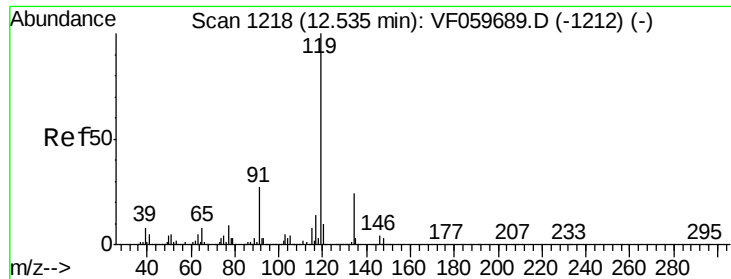
Tgt Ion:105 Resp: 46474

Ion Ratio Lower Upper

105 100

134 25.2 9.8 29.3





#86
 p-Isopropyltoluene
 Concen: 78.98 ug/l m
 RT: 12.54 min Scan# 1218
 Delta R.T. 0.00 min
 Lab File: VF059818.D
 Acq: 2 Aug 2018 23:21

Instrument :
 MSVOA_F
 ClientSampleId :
 UST-S

Tot Ion	Ratio	Resp	Lower	Upper
119	100	184533		
134	23.7		12.2	36.6
91	33.3		13.4	40.2

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