

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080318\
 Data File : VF059841.D
 Acq On : 3 Aug 2018 16:21
 Operator : VA/AP
 Sample : J4267-12RE
 Misc : 5.01a/5mL/MSVOA F/SOIL
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 UST-SRE

Quant Time: Aug 03 17:44:39 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

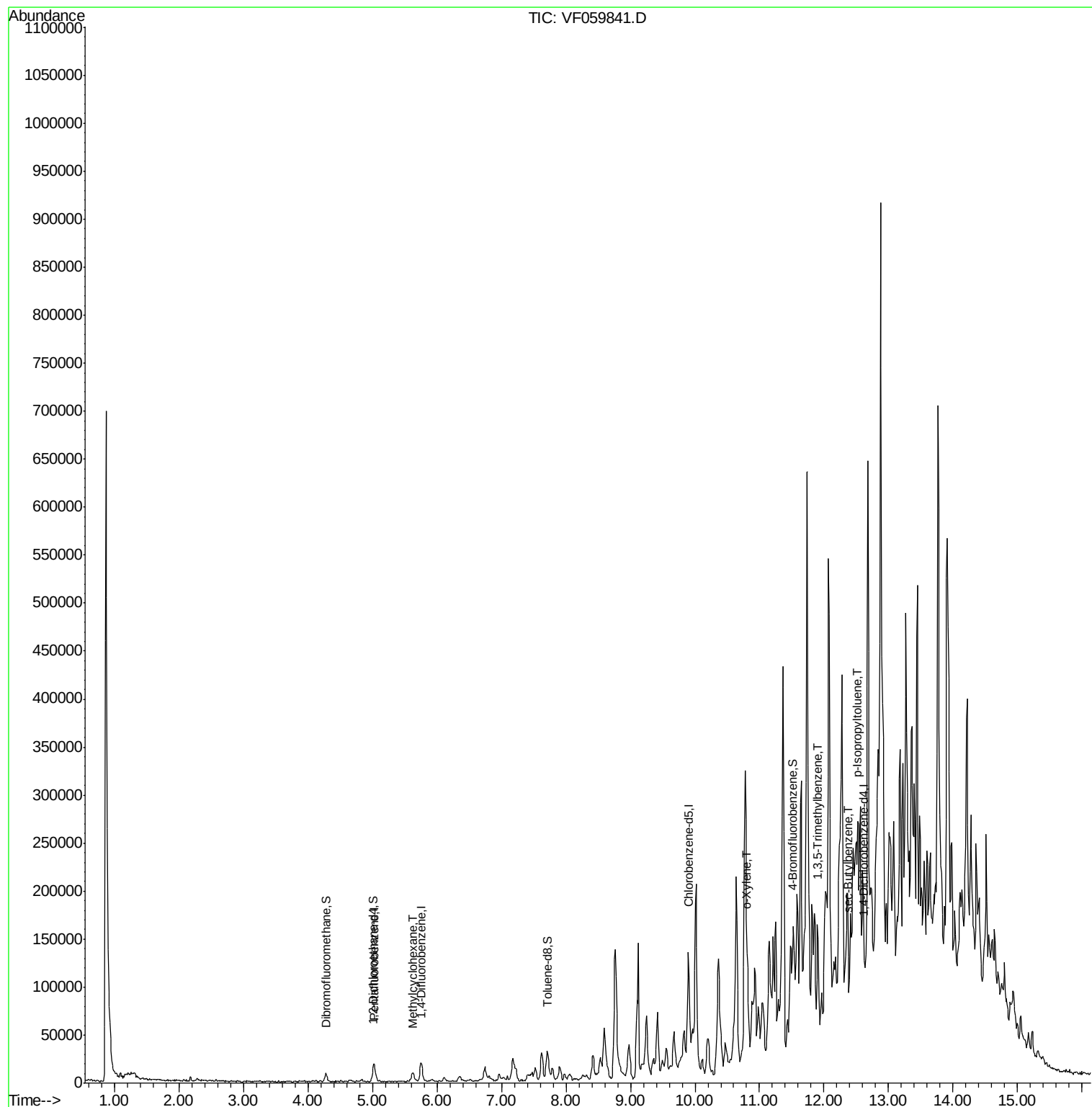
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	13978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	20183	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.90	117	10736	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	3960	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	6382	25.40	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	50.80%	
35) Dibromofluoromethane	4.28	113	5950	28.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.76%	
50) Toluene-d8	7.70	98	13611	27.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.68%	
62) 4-Bromofluorobenzene	11.51	95	22193	82.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	164.02%	
Target Compounds						
39) Methylcyclohexane	5.62	83	3791	21.89	ug/l	91
69) o-Xylene	10.82	106	2983	21.79	ug/l	63
80) 1,3,5-Trimethylbenzene	11.91	105	23425	120.08	ug/l	95
85) sec-Butylbenzene	12.38	105	5433	16.90	ug/l	97
86) p-Isopropyltoluene	12.53	119	45480	215.02	ug/l	89

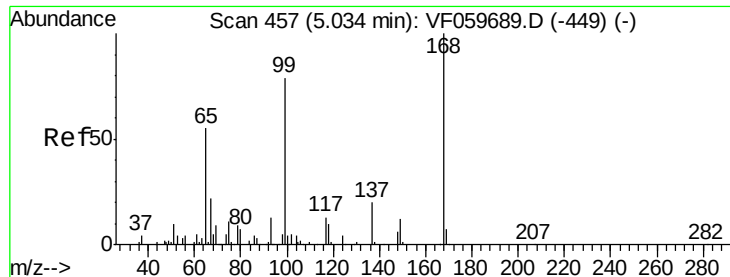
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080318\
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ClientSampleId :
UST-SRE

Quant Time: Aug 03 17:44:39 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: VF059841.D

Acq: 3 Aug 2018 16:21

Instrument :

MSVOA_F

ClientSampleId :

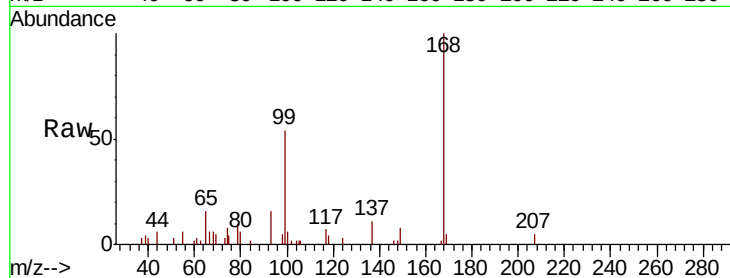
UST-SRE

Tot Ion:168 Resp: 13978

Ion Ratio Lower Upper

168 100

99 54.2 63.3 94.9#



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

4000

3000

2000

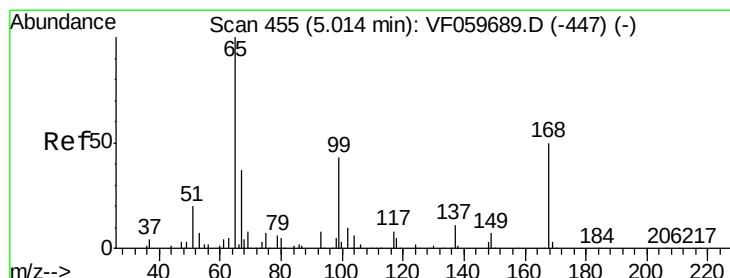
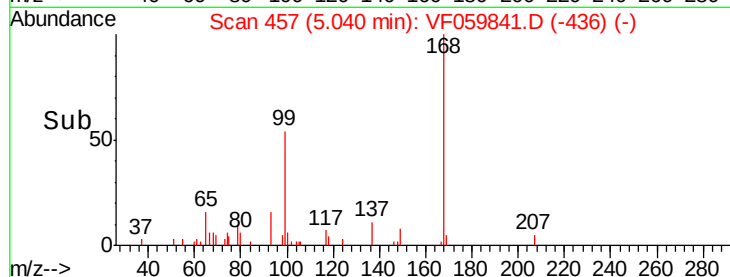
1000

0

5.00

5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 25.40 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.01 min

Lab File: VF059841.D

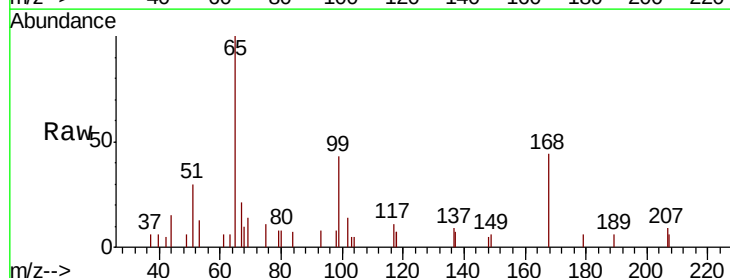
Acq: 3 Aug 2018 16:21

Tgt Ion: 65 Resp: 6382

Ion Ratio Lower Upper

65 100

67 21.0 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.00

2500

2000

1500

1000

500

0

4.90

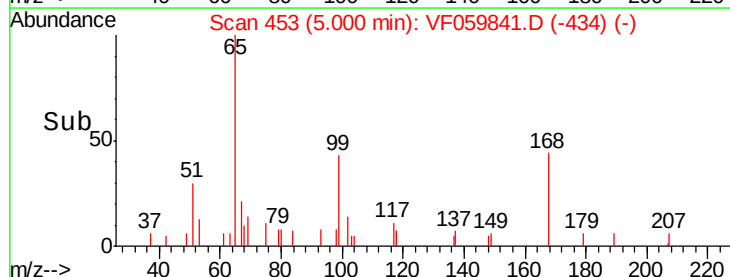
4.95

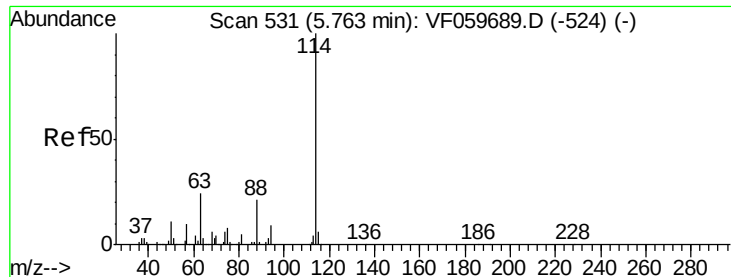
5.00

5.05

5.10

Time-->

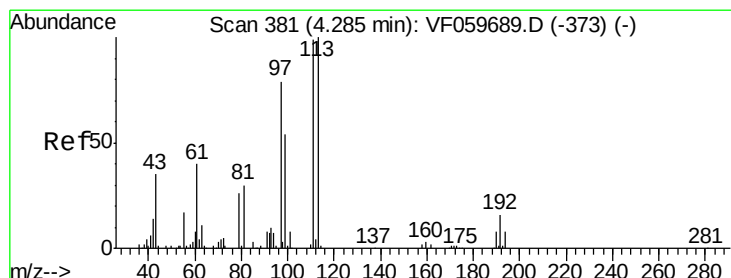
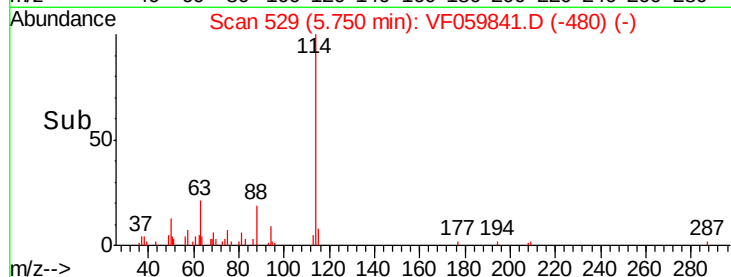
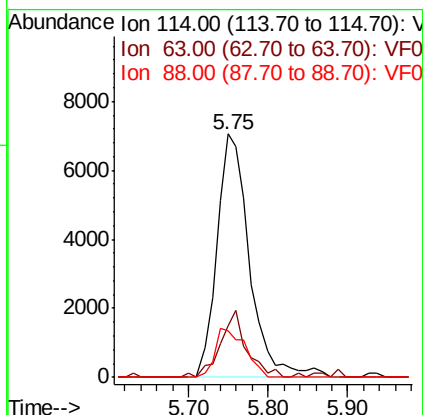
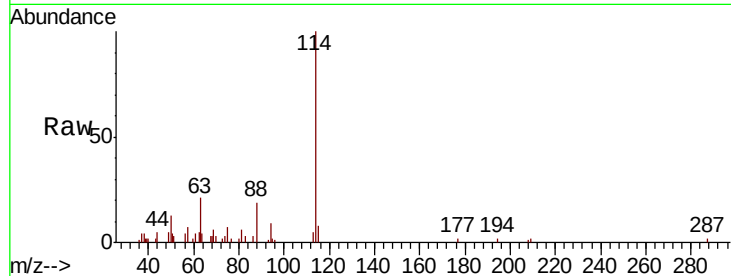




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VF059841.D
 Acq: 3 Aug 2018 16:21

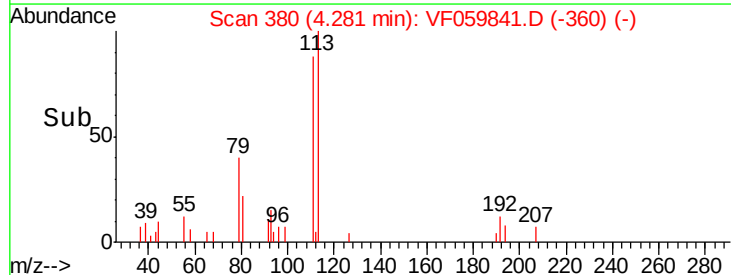
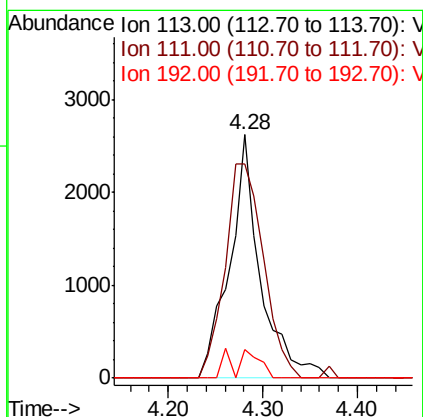
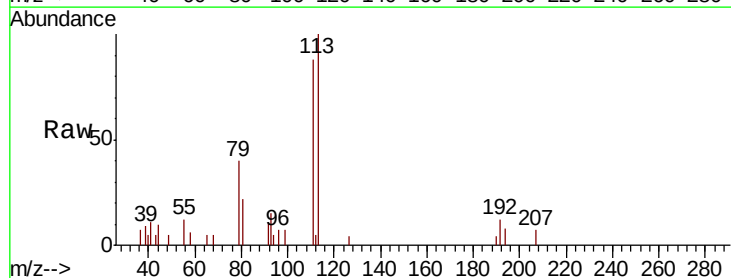
Instrument :
 MSVOA_F
 ClientSampleId :
 UST-SRE

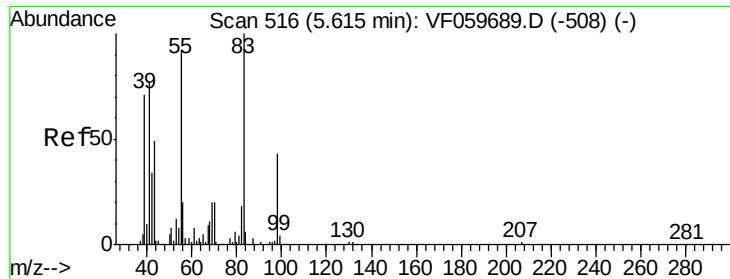
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	47.4
88	19.0	0.0	41.2



#35
 Dibromofluoromethane
 Concen: 28.38 ug/l
 RT: 4.28 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VF059841.D
 Acq: 3 Aug 2018 16:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	88.1	79.0	118.4
192	11.6	13.2	19.8#





#39

Methylcyclohexane

Concen: 21.89 ug/l

RT: 5.62 min Scan# 516

Delta R.T. 0.01 min

Lab File: VF059841.D

Acq: 3 Aug 2018 16:21

Instrument :

MSVOA_F

ClientSampleId :

UST-SRE

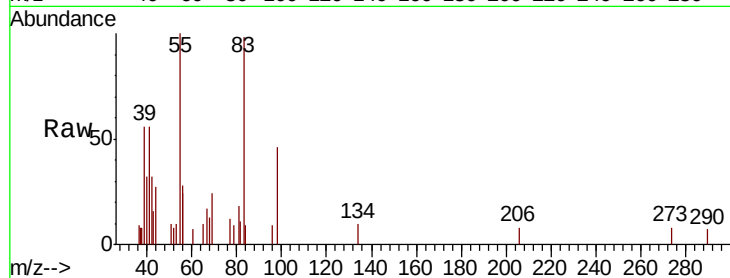
Tot Ion: 83 Resp: 3791

Ion Ratio Lower Upper

83 100

55 102.3 73.4 110.2

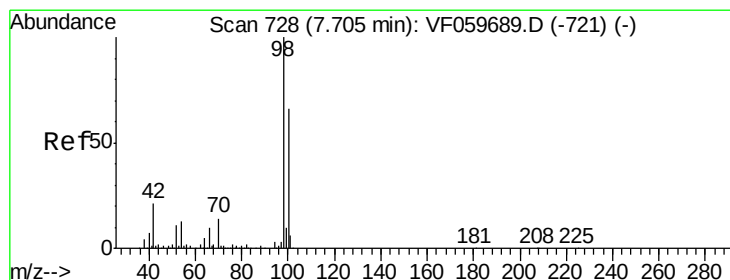
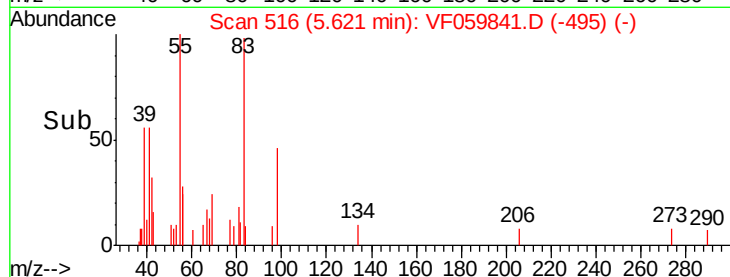
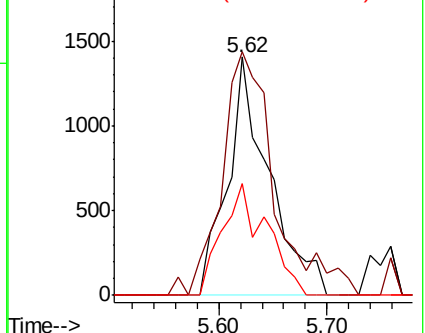
98 46.8 34.2 51.4



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#50

Toluene-d8

Concen: 27.84 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.00 min

Lab File: VF059841.D

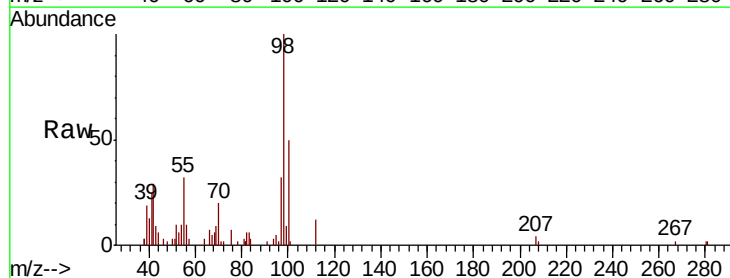
Acq: 3 Aug 2018 16:21

Tgt Ion: 98 Resp: 13611

Ion Ratio Lower Upper

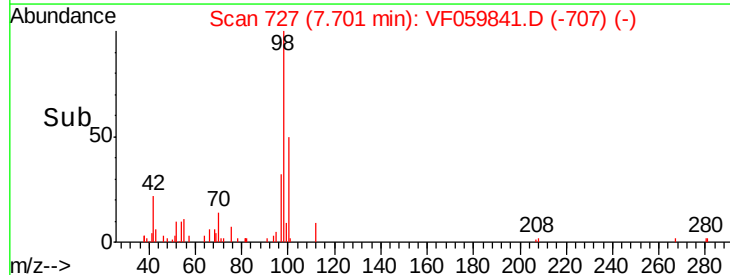
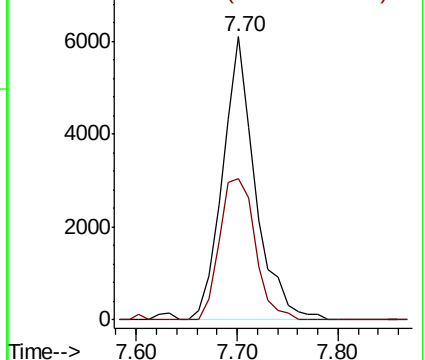
98 100

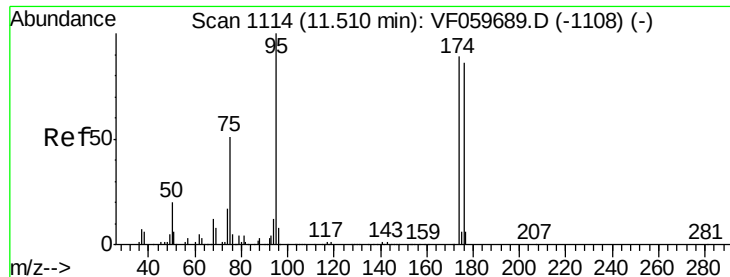
100 50.1 52.8 79.2#



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#62

4-Bromofluorobenzene

Concen: 82.01 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF059841.D

Acq: 3 Aug 2018 16:21

Instrument :

MSVOA_F

ClientSampleId :

UST-SRE

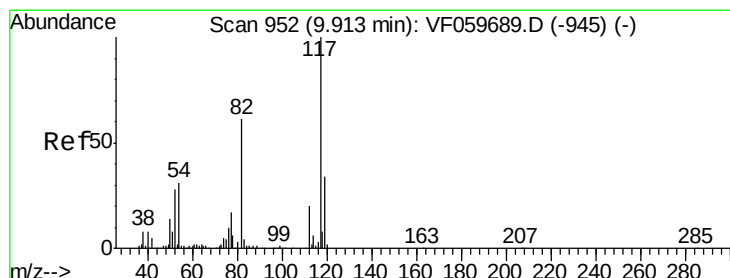
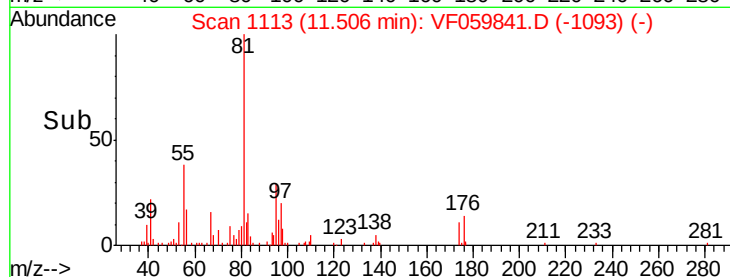
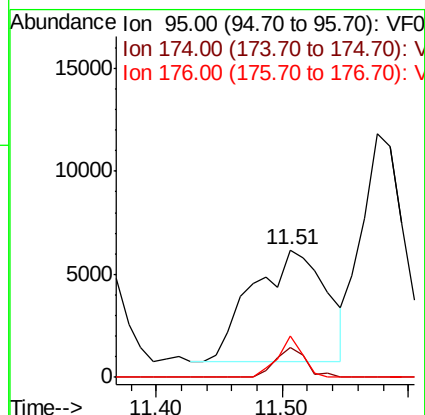
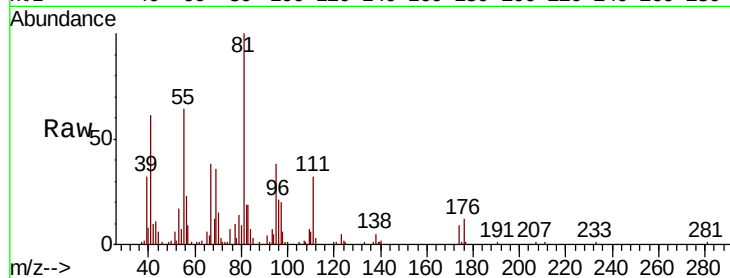
Tot Ion: 95 Resp: 22193

Ion Ratio Lower Upper

95 100

174 23.8 0.0 178.4

176 32.8 0.0 173.0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.90 min Scan# 950

Delta R.T. -0.01 min

Lab File: VF059841.D

Acq: 3 Aug 2018 16:21

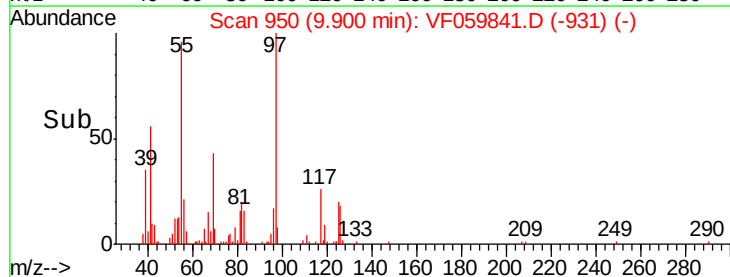
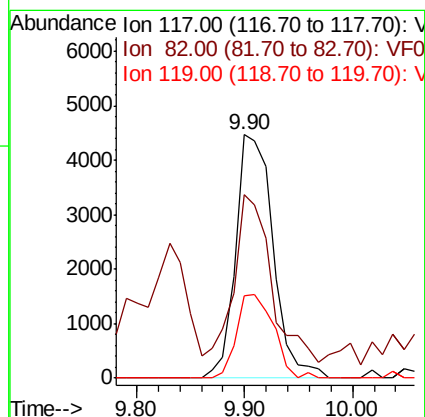
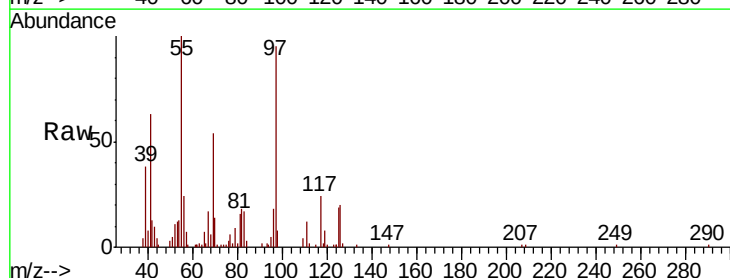
Tgt Ion: 117 Resp: 10736

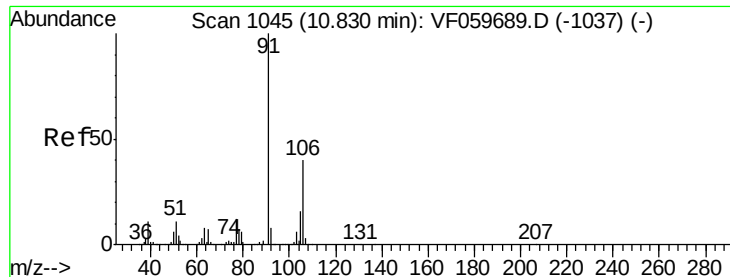
Ion Ratio Lower Upper

117 100

82 75.1 49.0 73.4#

119 33.8 27.3 40.9

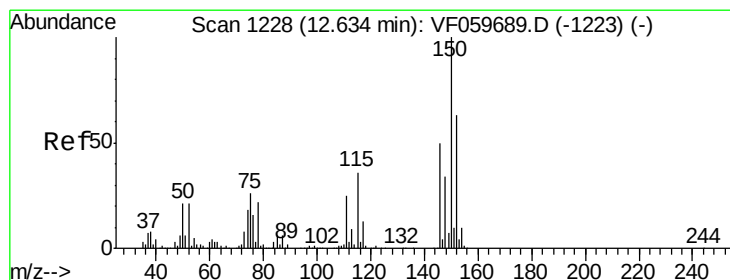
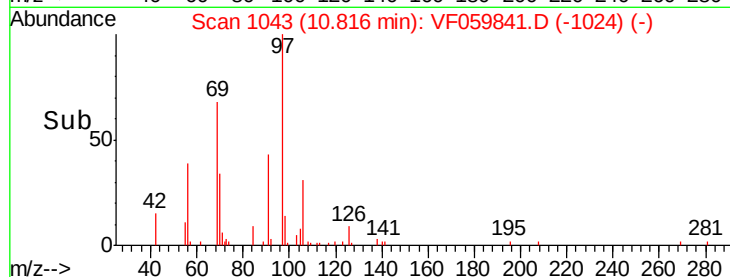
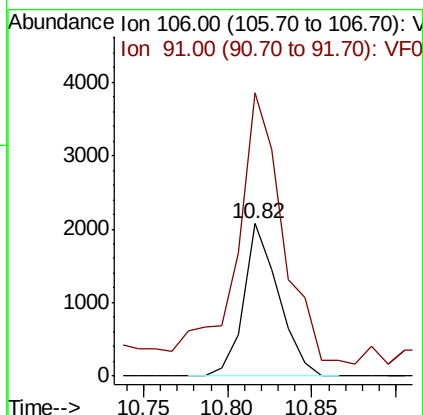
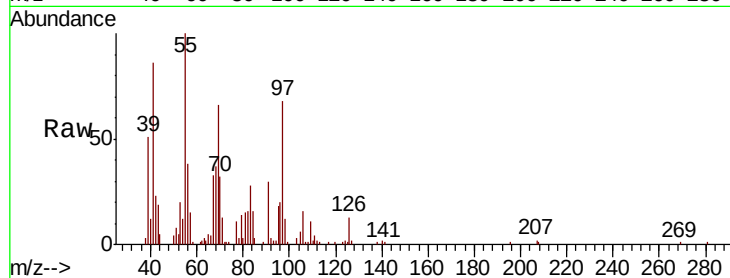




#69
o-Xylene
Concen: 21.79 ug/l
RT: 10.82 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VF059841.D
Acq: 3 Aug 2018 16:21

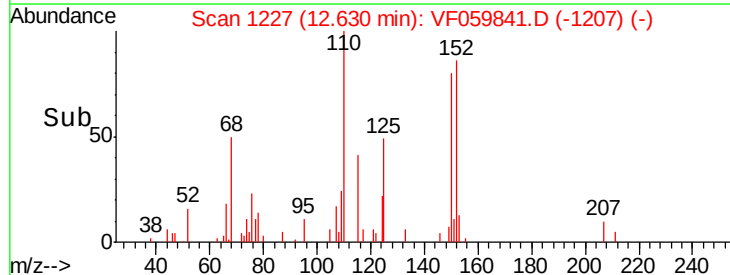
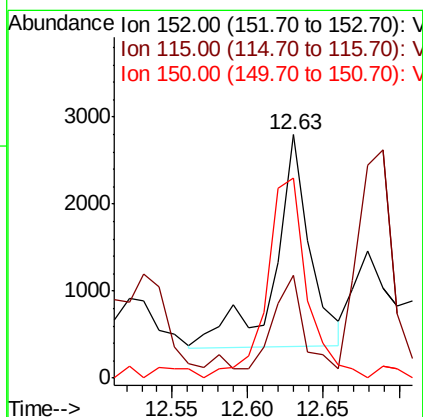
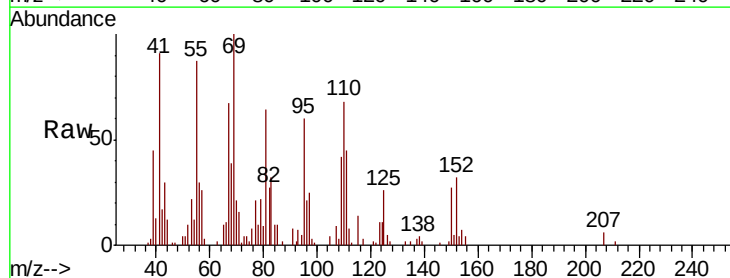
Instrument :
MSVOA_F
ClientSampled :
UST-SRE

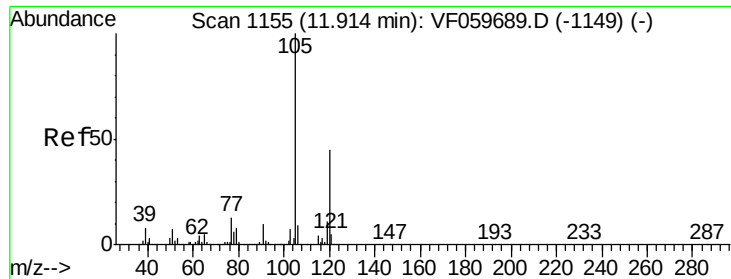
Tot Ion:106 Resp: 2983
Ion Ratio Lower Upper
106 100
91 185.6 124.6 373.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059841.D
Acq: 3 Aug 2018 16:21

Tgt Ion:152 Resp: 3960
Ion Ratio Lower Upper
152 100
115 42.2 28.2 84.6
150 82.1 0.0 316.2

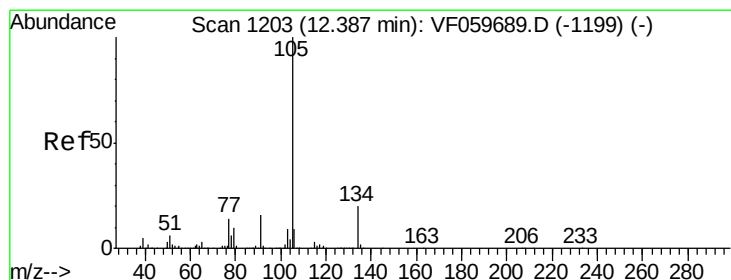
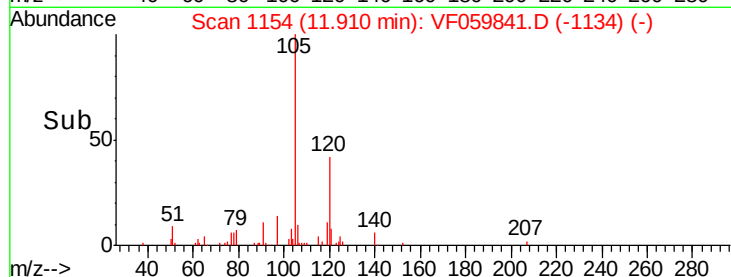
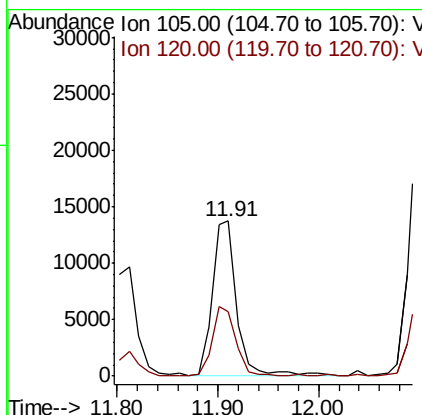
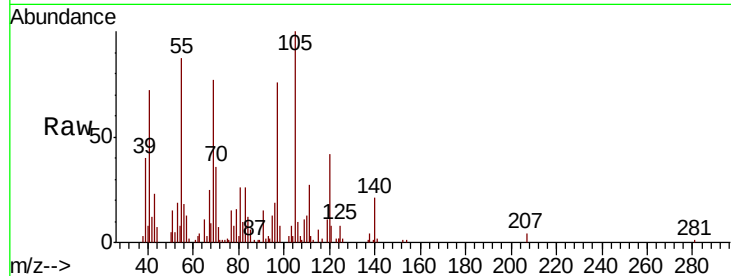




#80
 1,3,5-Trimethylbenzene
 Concen: 120.08 ug/l
 RT: 11.91 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VF059841.D
 Acq: 3 Aug 2018 16:21

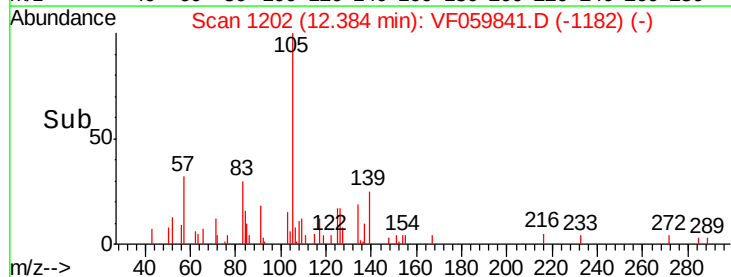
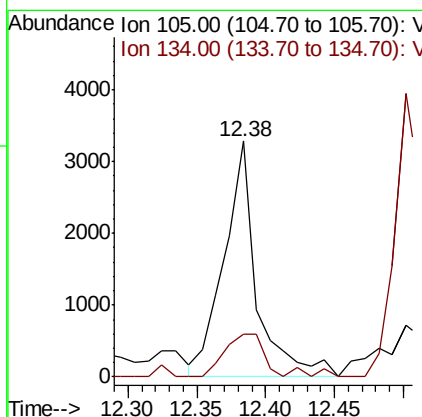
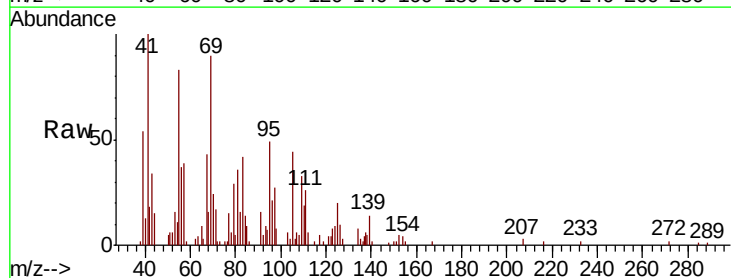
Instrument :
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 UST-SRE

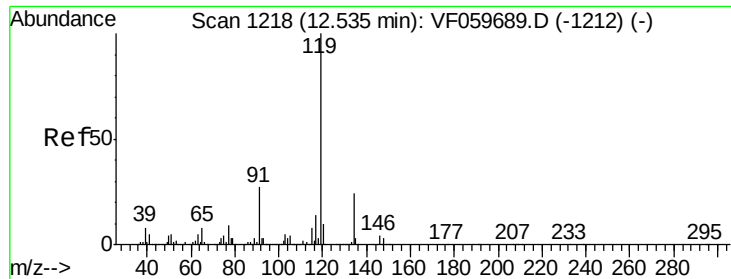
Tot Ion:105 Resp: 23425
 Ion Ratio Lower Upper
 105 100
 120 41.8 22.7 68.0



#85
 sec-Butylbenzene
 Concen: 16.90 ug/l
 RT: 12.38 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VF059841.D
 Acq: 3 Aug 2018 16:21

Tgt Ion:105 Resp: 5433
 Ion Ratio Lower Upper
 105 100
 134 18.0 9.8 29.3





#86
 p-Isopropyltoluene
 Concen: 215.02 ug/l
 RT: 12.53 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VF059841.D
 Acq: 3 Aug 2018 16:21

Instrument :
 MSVOA_F
 ClientSampleId :
 UST-SRE

Tot Ion	Ratio	Lower	Upper
119	100		
134	20.3	12.2	36.6
91	34.1	13.4	40.2

