

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF102618\
 Data File : VF060524.D
 Acq On : 26 Oct 2018 18:54
 Operator : VA/AP
 Sample : J5515-01
 Misc : 5.74/5mL/MSVOA F/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NON-UST-1A

Quant Time: Oct 27 03:42:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 26 02:17:41 2018
 Response via : Initial Calibration

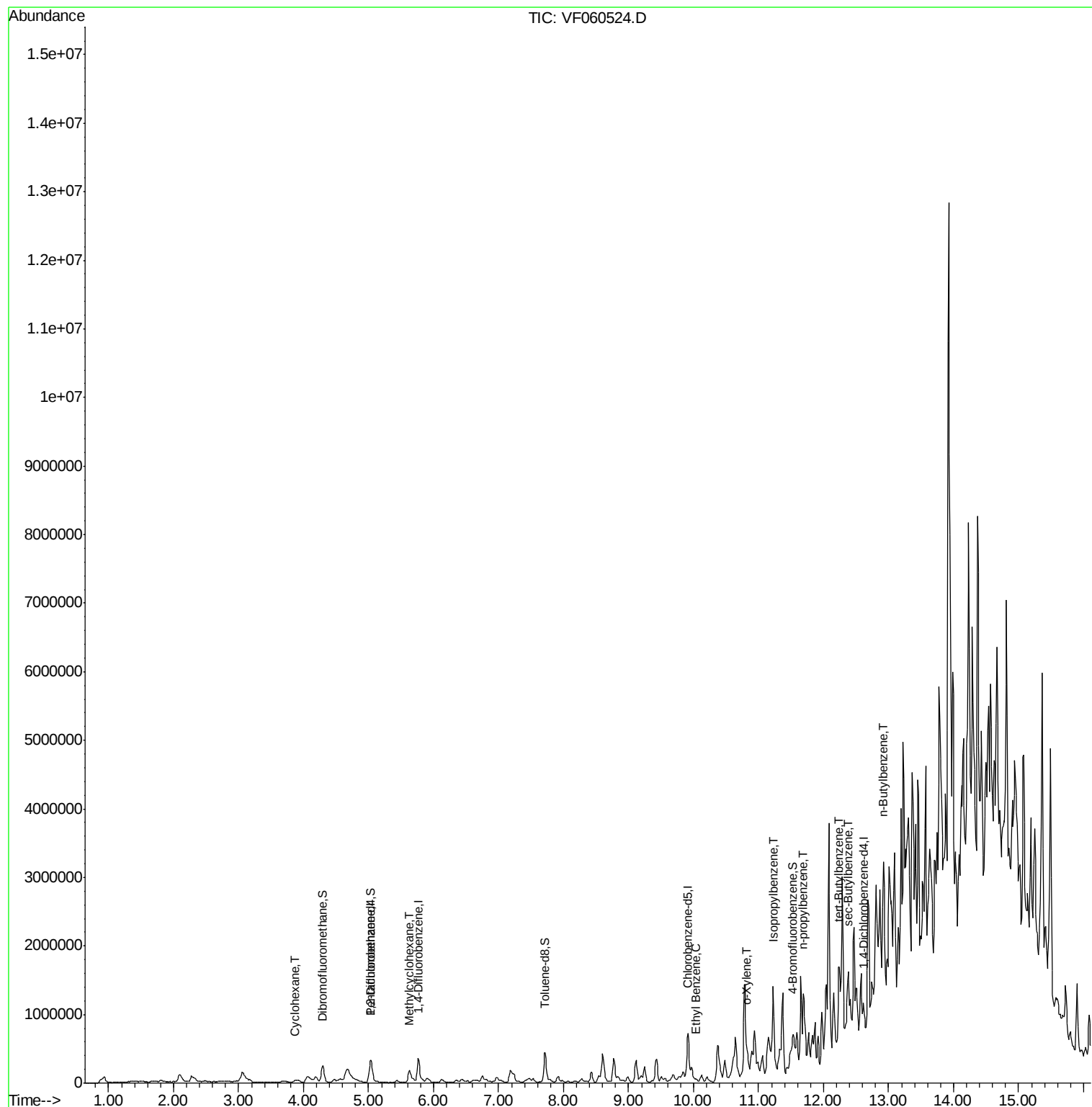
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	174486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	372241	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	194066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	64964	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	221773	63.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.90%	
35) Dibromofluoromethane	4.30	113	207633	46.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.06%	
50) Toluene-d8	7.71	98	305192	34.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.16%	
62) 4-Bromofluorobenzene	11.51	95	150128	30.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.20%	
Target Compounds						
					Qvalue	
31) Cyclohexane	3.87	56	33685	12.685	ug/l	88
39) Methylcyclohexane	5.63	83	120296	26.755	ug/l	85
67) Ethyl Benzene	10.04	91	13253	1.591	ug/l	99
69) o-Xylene	10.83	106	17651	6.016	ug/l	87
73) Isopropylbenzene	11.23	105	343563	66.574	ug/l	96
78) n-propylbenzene	11.69	91	588742	97.582	ug/l	99
83) tert-Butylbenzene	12.22	119	37617	8.217	ug/l	91
85) sec-Butylbenzene	12.39	105	385937	62.815	ug/l	85
89) n-Butylbenzene	12.92	91	283649	51.086	ug/l	98

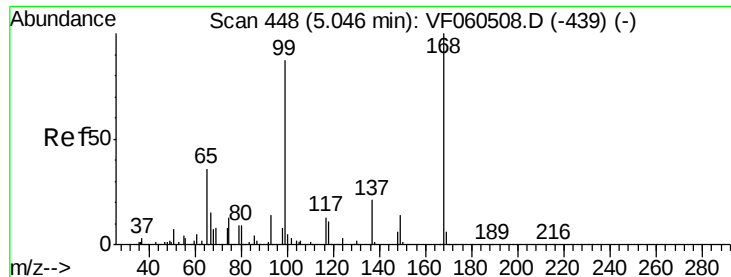
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF102618\
Data File : VF060524.D
Acq On : 26 Oct 2018 18:54
Operator : VA/AP
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Misc : 5.74/5mL/MSVOA F/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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Quant Time: Oct 27 03:42:01 2018
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Quant Title : SW846 8260
QLast Update : Fri Oct 26 02:17:41 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 448

Delta R.T. -0.00 min

Lab File: VF060524.D

Acq: 26 Oct 2018 18:54

Instrument :

MSVOA_F

ClientSampleId :

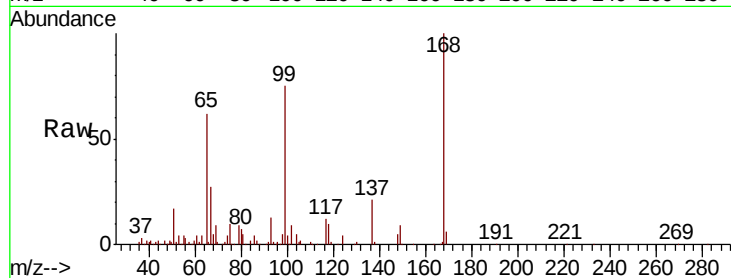
NON-UST-1A

Tot Ion:168 Resp: 174486

Ion Ratio Lower Upper

168 100

99 75.4 69.9 104.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

60000

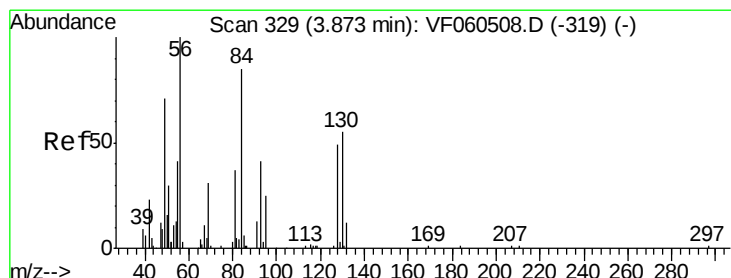
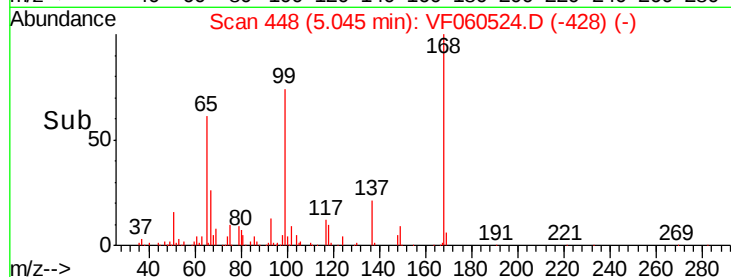
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#31

Cyclohexane

Concen: 12.685 ug/l

RT: 3.87 min Scan# 329

Delta R.T. -0.00 min

Lab File: VF060524.D

Acq: 26 Oct 2018 18:54

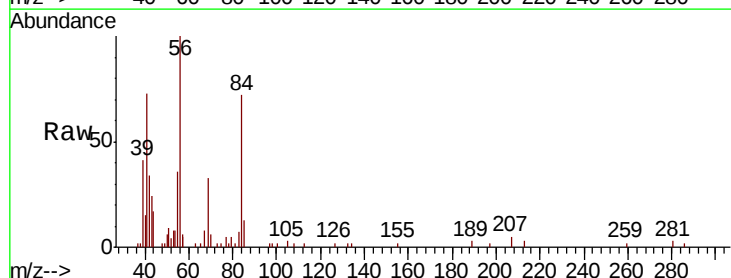
Tgt Ion: 56 Resp: 33685

Ion Ratio Lower Upper

56 100

69 33.1 24.6 37.0

84 71.8 68.2 102.2



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 84.00 (83.70 to 84.70): VF0

20000

15000

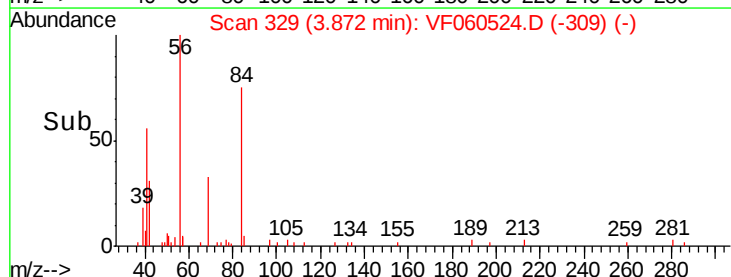
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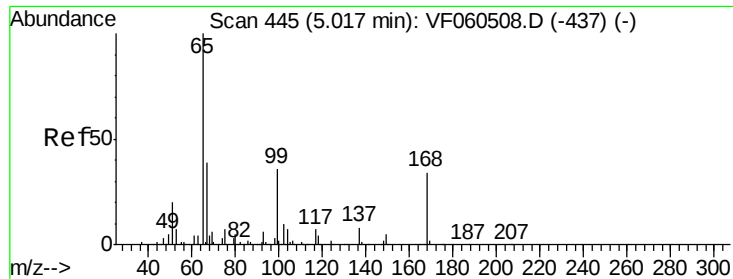
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0

Time-->

3.70 3.80 3.90 4.00

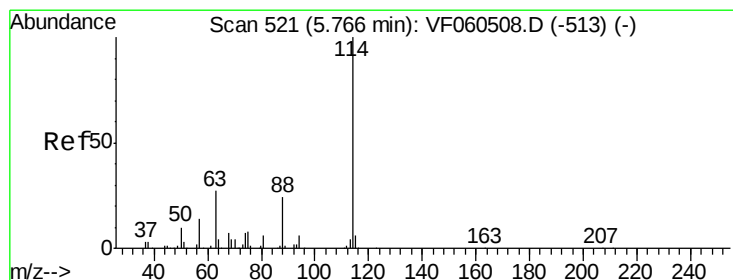
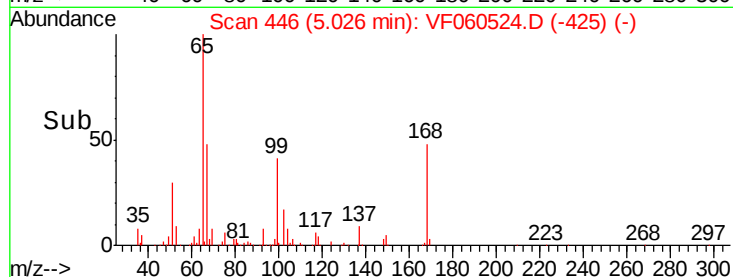
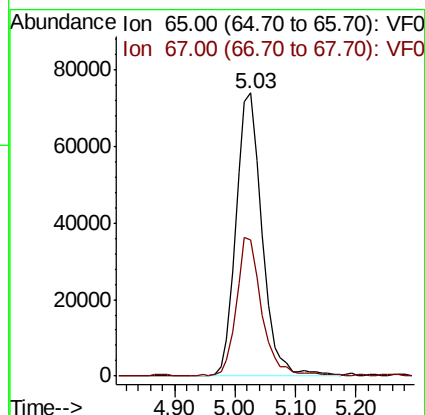
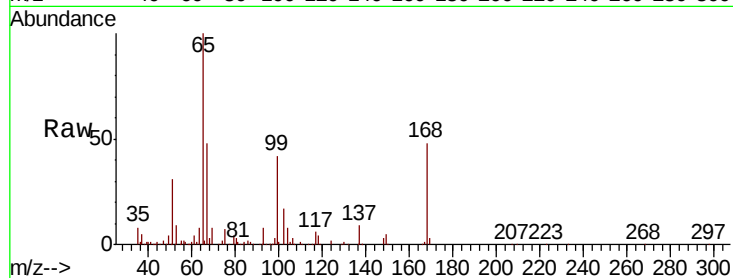




#33
 1,2-Dichloroethane-d4
 Concen: 63.948 ug/l
 RT: 5.03 min Scan# 446
 Delta R.T. 0.01 min
 Lab File: VF060524.D
 Acq: 26 Oct 2018 18:54

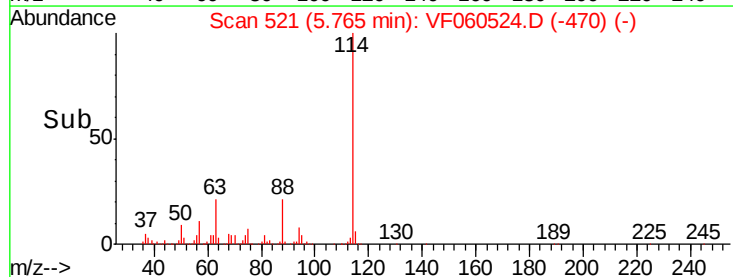
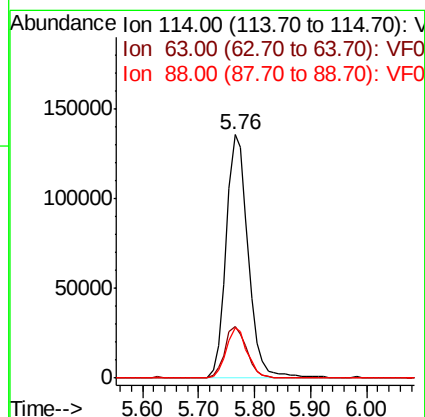
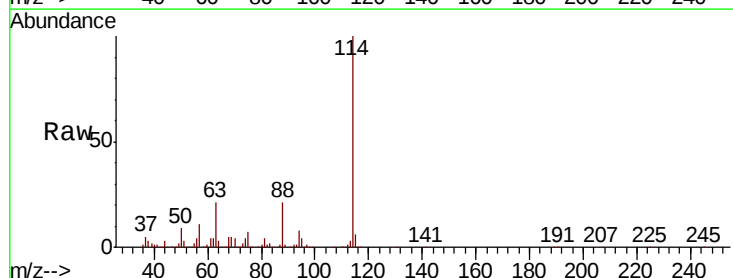
Instrument :
 MSVOA_F
 ClientSampleId :
 NON-UST-1A

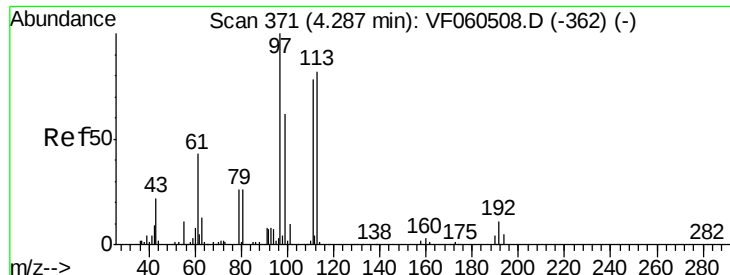
Tot Ion: 65 Resp: 221773
 Ion Ratio Lower Upper
 65 100
 67 48.3 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.76 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: VF060524.D
 Acq: 26 Oct 2018 18:54

Tgt Ion: 114 Resp: 372241
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 54.4
 88 20.8 0.0 47.2

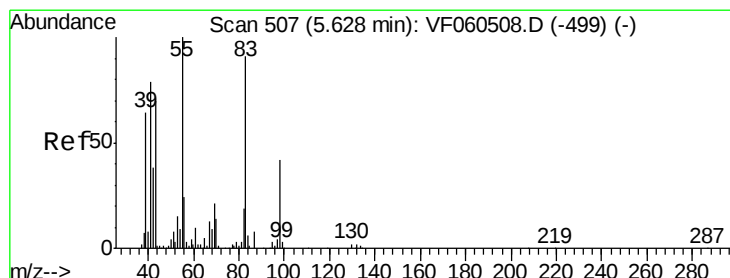
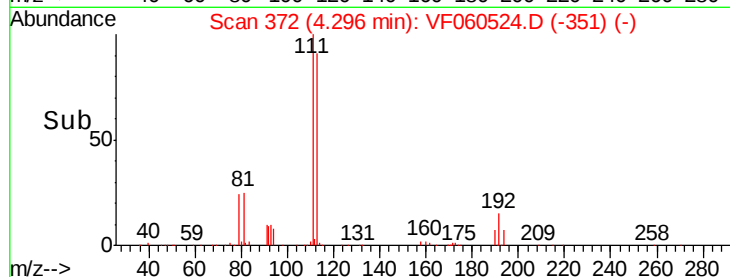
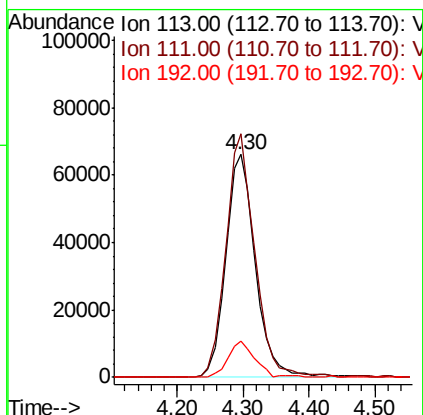
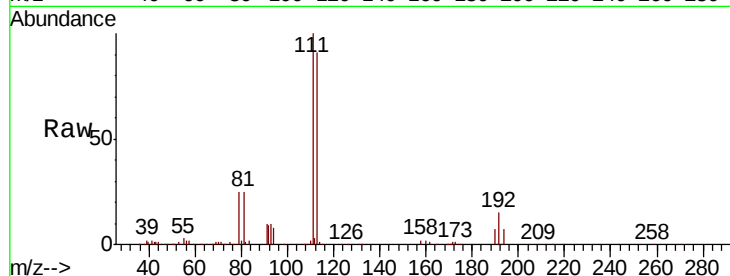




#35
Dibromofluoromethane
Concen: 46.534 ug/l
RT: 4.30 min Scan# 372
Delta R.T. 0.01 min
Lab File: VF060524.D
Acq: 26 Oct 2018 18:54

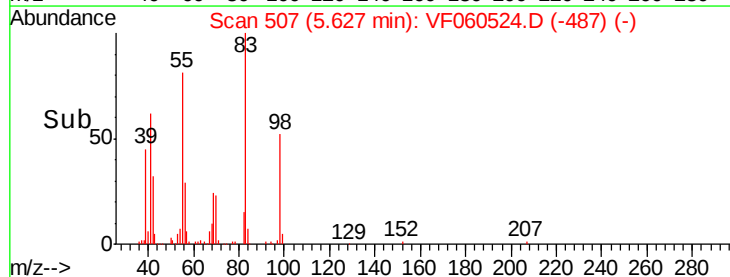
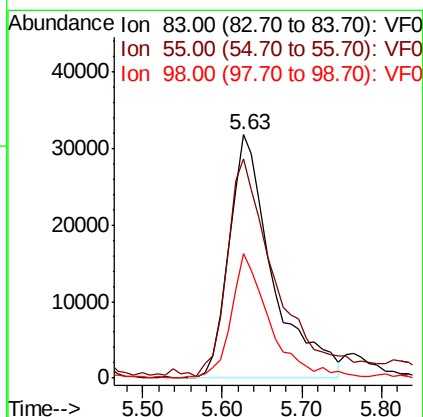
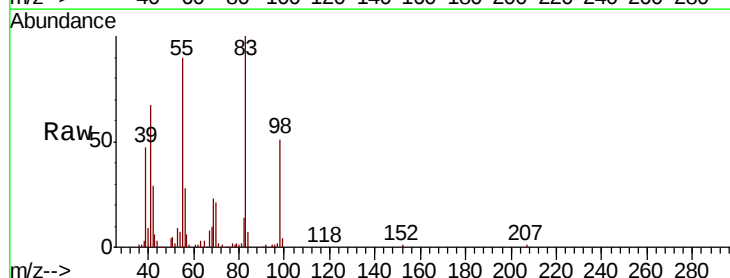
Instrument :
MSVOA_F
ClientSampleId :
NON-UST-1A

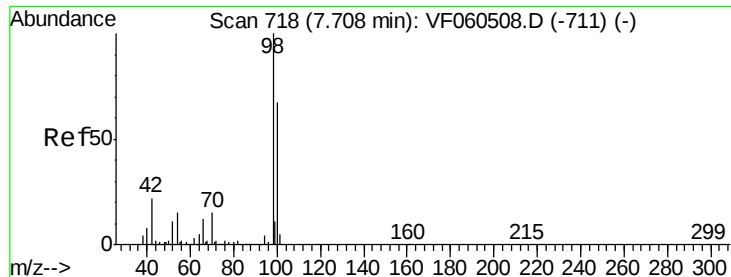
Tot Ion	Ratio	Lower	Upper
113	100		
111	109.3	75.9	113.9
192	16.0	10.6	15.8#



#39
Methylcyclohexane
Concen: 26.755 ug/l
RT: 5.63 min Scan# 507
Delta R.T. -0.00 min
Lab File: VF060524.D
Acq: 26 Oct 2018 18:54

Tgt Ion	Ratio	Lower	Upper
83	100		
55	90.3	87.9	131.9
98	51.0	37.0	55.6

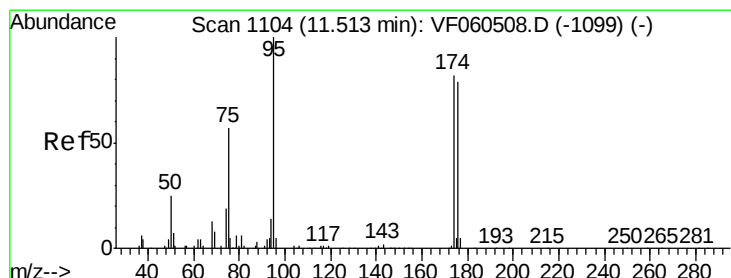
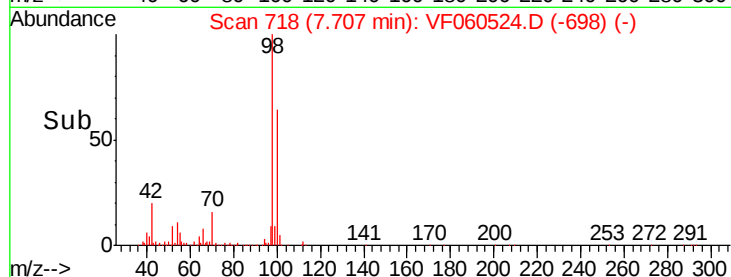
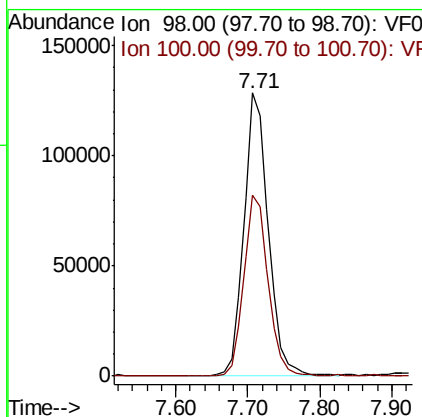
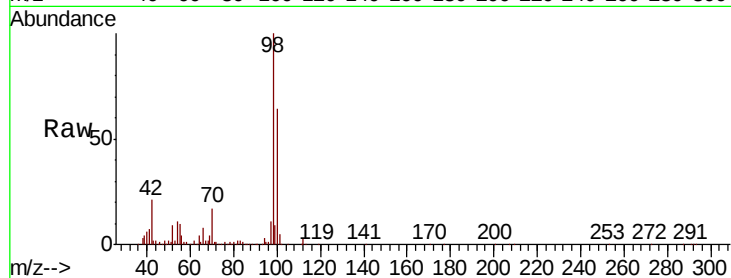




#50
Toluene-d8
Concen: 34.083 ug/l
RT: 7.71 min Scan# 718
Delta R.T. -0.00 min
Lab File: VF060524.D
Acq: 26 Oct 2018 18:54

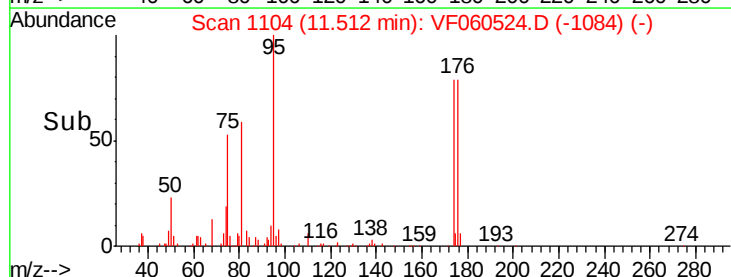
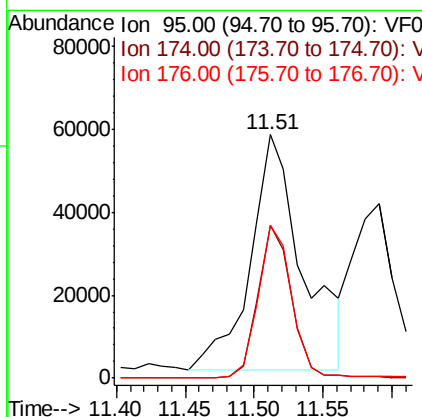
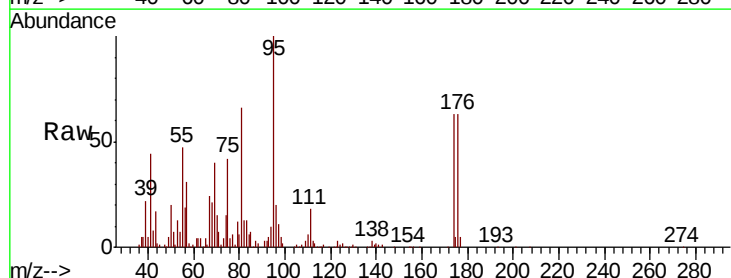
Instrument :
MSVOA_F
ClientSampleId :
NON-UST-1A

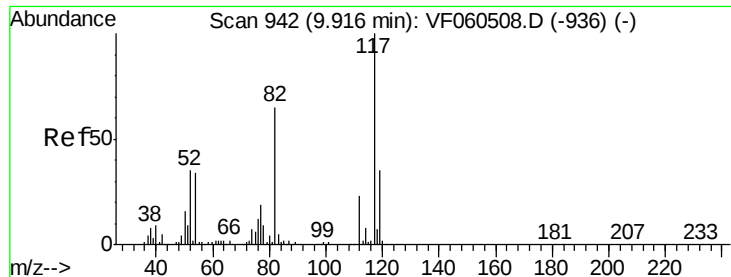
Tot Ion: 98 Resp: 305192
Ion Ratio Lower Upper
98 100
100 64.1 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 30.102 ug/l
RT: 11.51 min Scan# 1104
Delta R.T. -0.00 min
Lab File: VF060524.D
Acq: 26 Oct 2018 18:54

Tgt Ion: 95 Resp: 150128
Ion Ratio Lower Upper
95 100
174 62.7 0.0 164.2
176 62.5 0.0 158.4

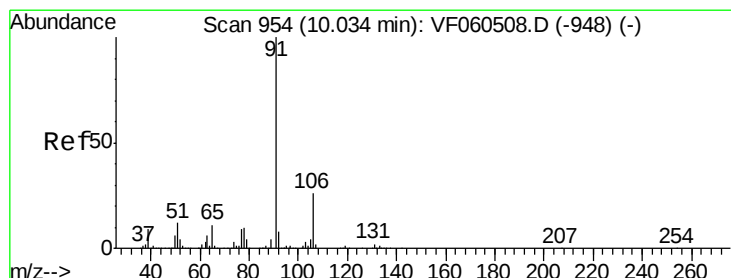
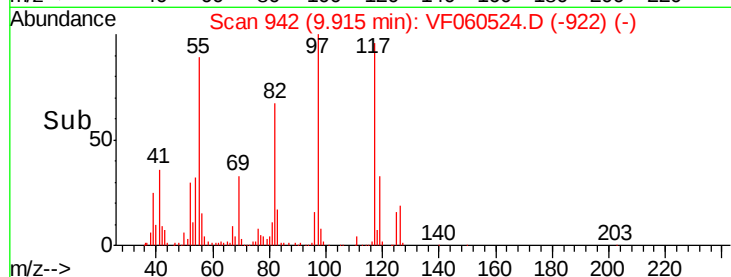
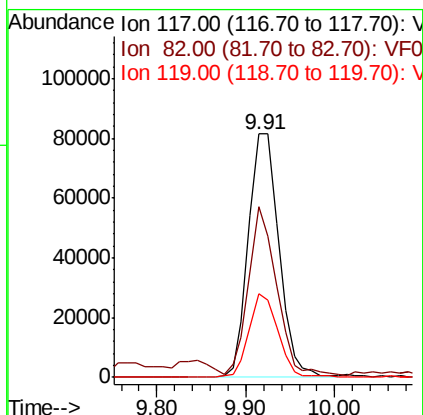
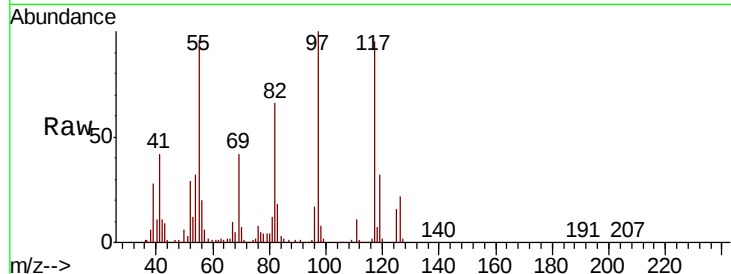




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 942
Delta R.T. -0.00 min
Lab File: VF060524.D
Acq: 26 Oct 2018 18:54

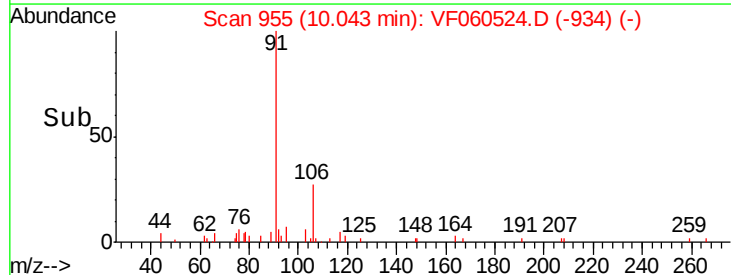
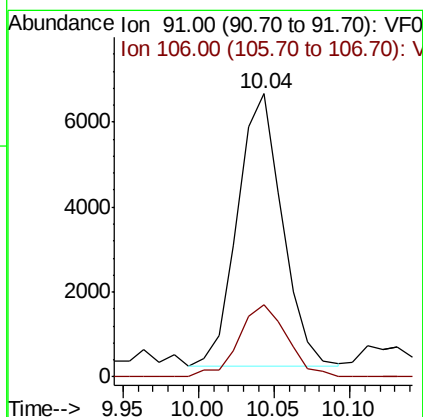
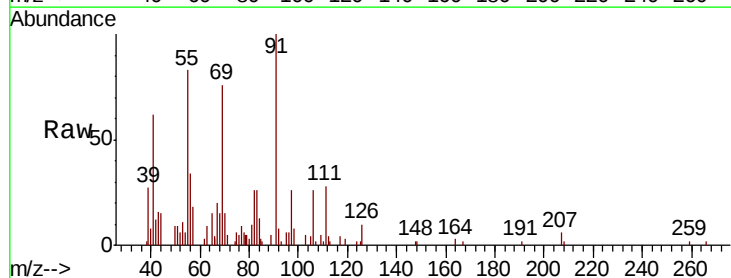
Instrument :
MSVOA_F
ClientSampleId :
NON-UST-1A

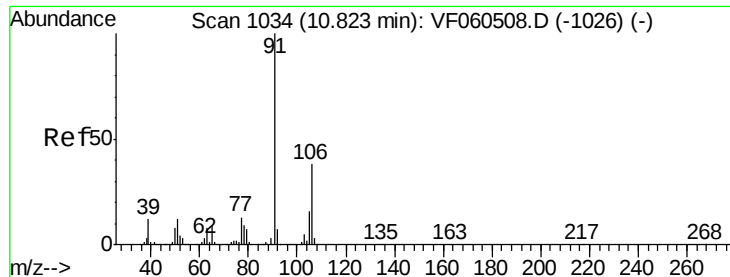
Tot Ion:117 Resp: 194066
Ion Ratio Lower Upper
117 100
82 70.3 51.7 77.5
119 34.1 28.3 42.5



#67
Ethyl Benzene
Concen: 1.591 ug/l
RT: 10.04 min Scan# 955
Delta R.T. 0.01 min
Lab File: VF060524.D
Acq: 26 Oct 2018 18:54

Tgt Ion: 91 Resp: 13253
Ion Ratio Lower Upper
91 100
106 25.6 20.7 31.1

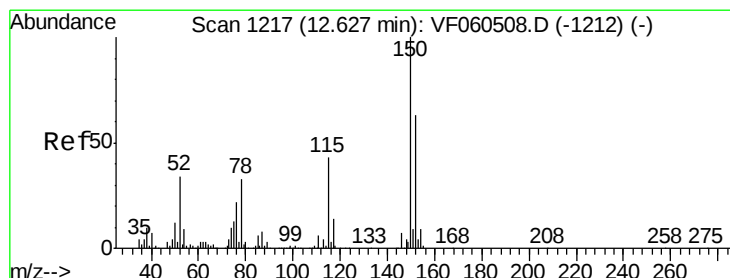
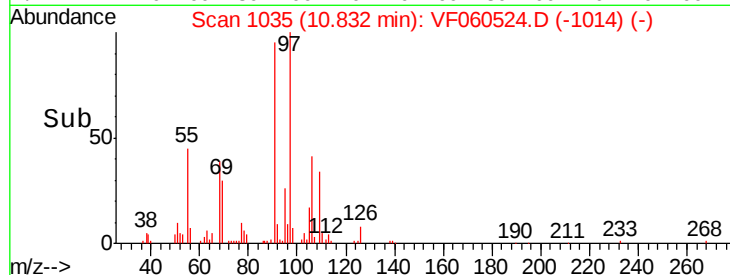
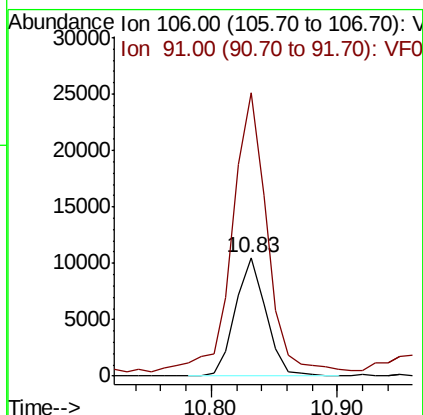
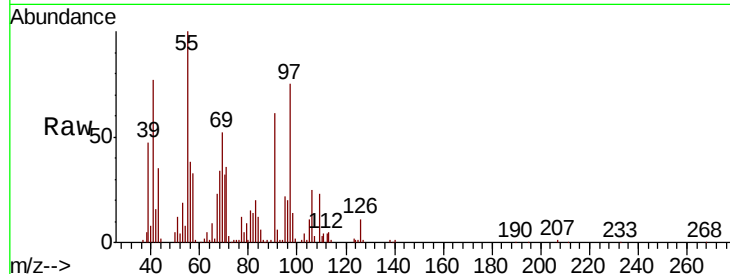




#69
o-Xylene
Concen: 6.016 ug/l
RT: 10.83 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VF060524.D
Acq: 26 Oct 2018 18:54

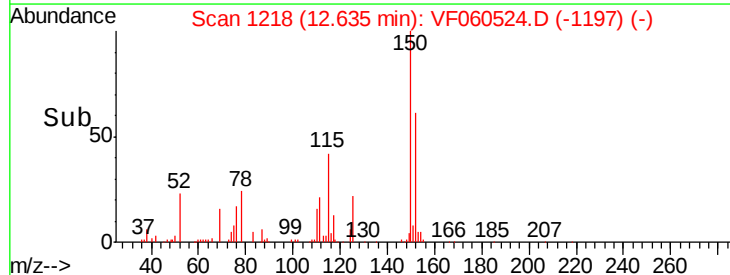
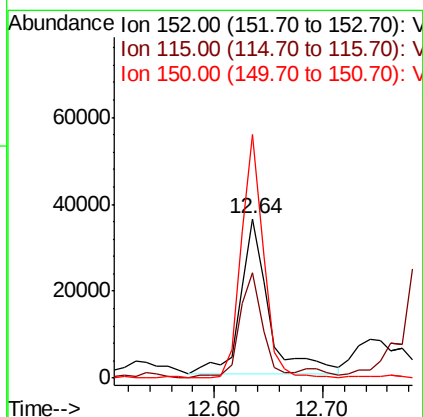
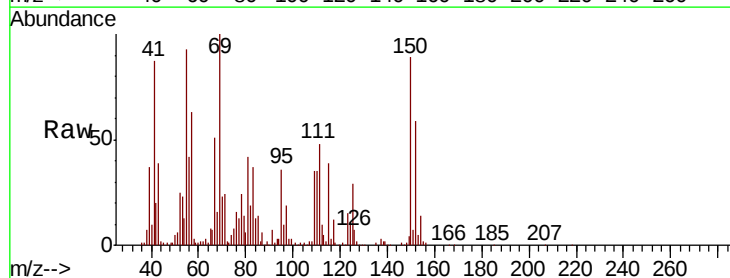
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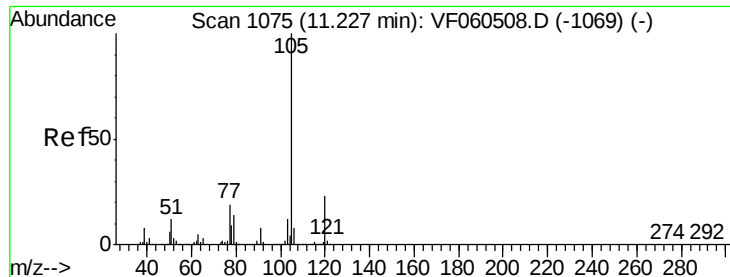
Tot Ion:106 Resp: 17651
Ion Ratio Lower Upper
106 100
91 238.8 130.9 392.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.64 min Scan# 1218
Delta R.T. 0.01 min
Lab File: VF060524.D
Acq: 26 Oct 2018 18:54

Tgt Ion:152 Resp: 64964
Ion Ratio Lower Upper
152 100
115 65.8 34.6 103.9
150 152.5 0.0 319.8





#73

Isopropylbenzene

Concen: 66.574 ug/l

RT: 11.23 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VF060524.D

Acq: 26 Oct 2018 18:54

Instrument :

MSVOA_F

ClientSampleId :

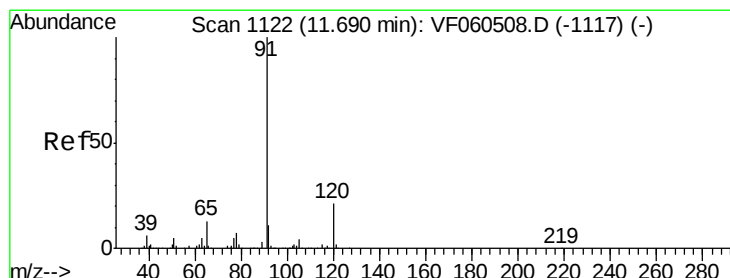
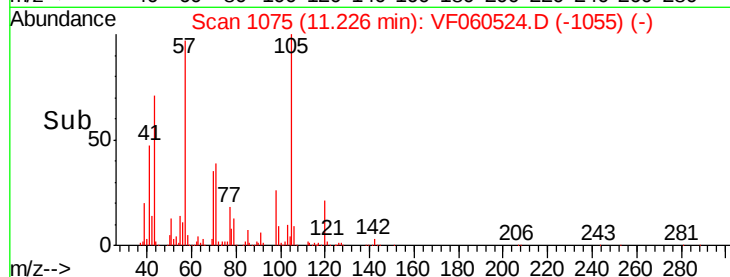
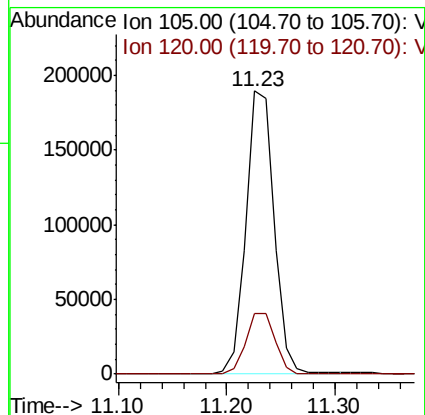
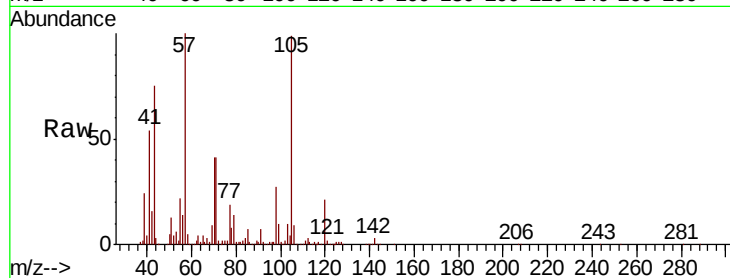
NON-UST-1A

Tot Ion:105 Resp: 343563

Ion Ratio Lower Upper

105 100

120 21.4 11.6 34.7



#78

n-propylbenzene

Concen: 97.582 ug/l

RT: 11.69 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VF060524.D

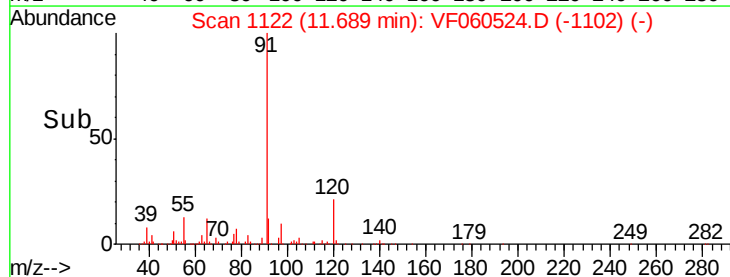
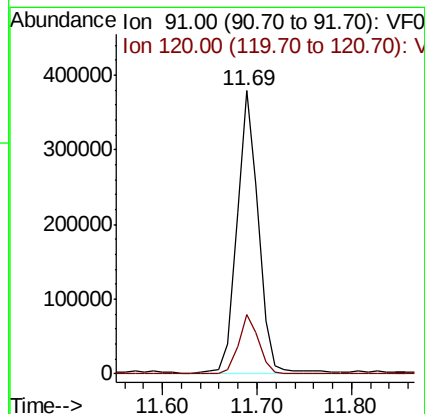
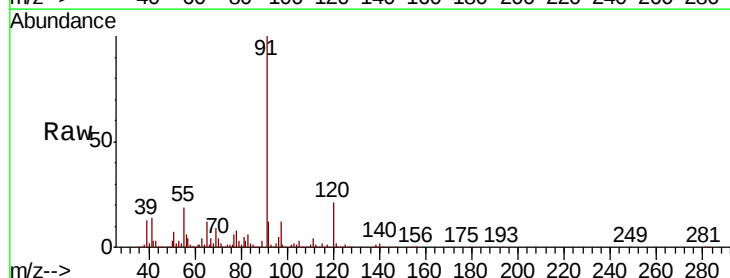
Acq: 26 Oct 2018 18:54

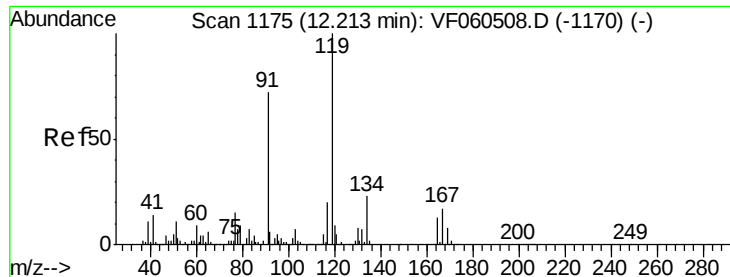
Tgt Ion: 91 Resp: 588742

Ion Ratio Lower Upper

91 100

120 20.9 10.3 30.9

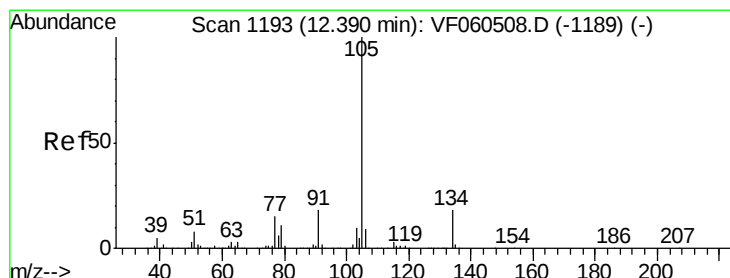
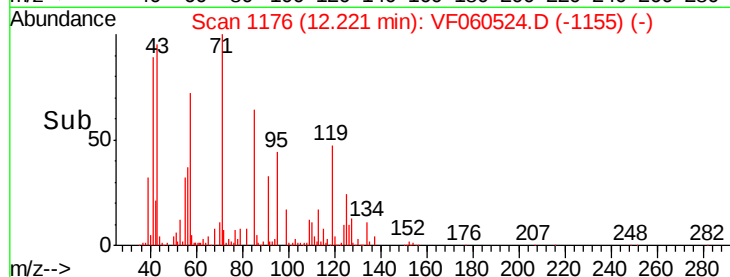
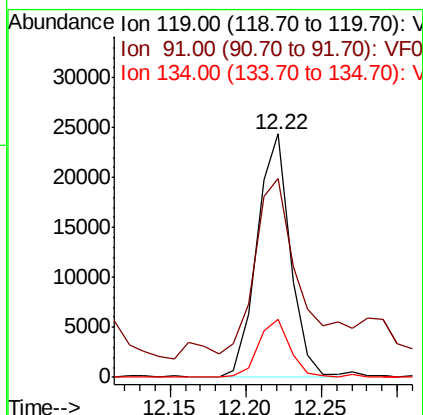
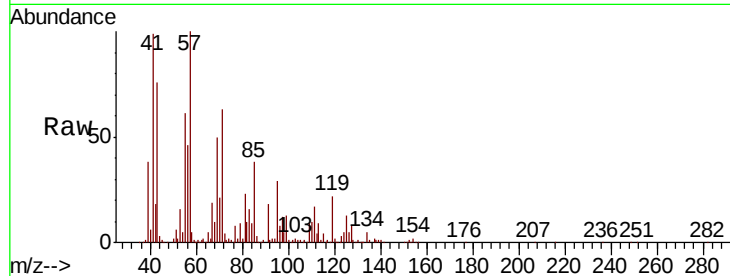




#83
tert-Butylbenzene
Concen: 8.217 ug/l
RT: 12.22 min Scan# 1176
Delta R.T. 0.01 min
Lab File: VF060524.D
Acq: 26 Oct 2018 18:54

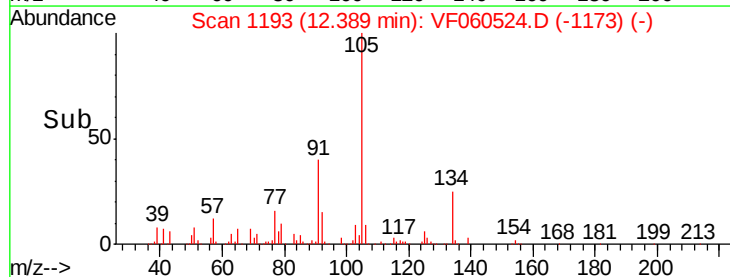
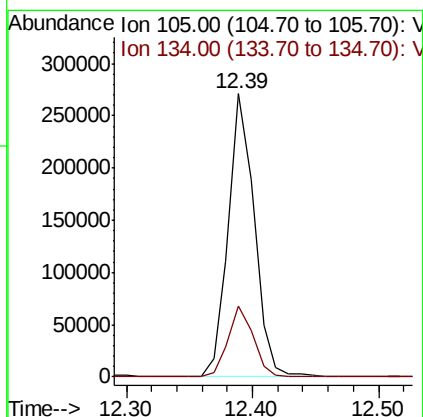
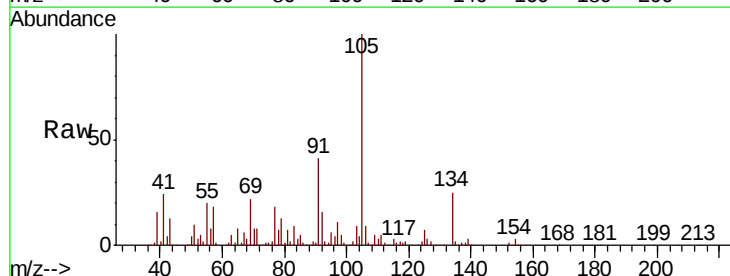
Instrument :
MSVOA_F
ClientSampleId :
NON-UST-1A

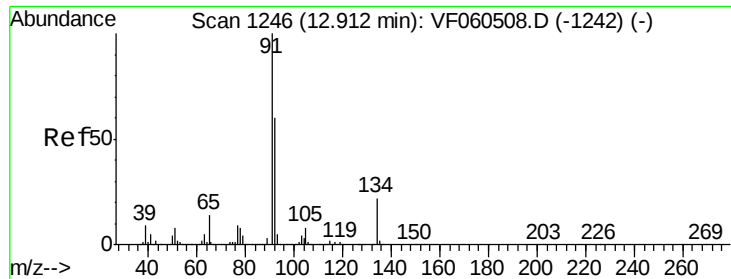
Tot Ion:119 Resp: 37617
Ion Ratio Lower Upper
119 100
91 81.6 36.3 108.9
134 23.6 11.4 34.2



#85
sec-Butylbenzene
Concen: 62.815 ug/l
RT: 12.39 min Scan# 1193
Delta R.T. -0.00 min
Lab File: VF060524.D
Acq: 26 Oct 2018 18:54

Tgt Ion:105 Resp: 385937
Ion Ratio Lower Upper
105 100
134 25.1 9.2 27.4





#89

n-Butylbenzene

Concen: 51.086 ug/l

RT: 12.92 min Scan# 1247

Delta R.T. 0.01 min

Lab File: VF060524.D

Acq: 26 Oct 2018 18:54

Instrument :

MSVOA_F

ClientSampleId :

NON-UST-1A

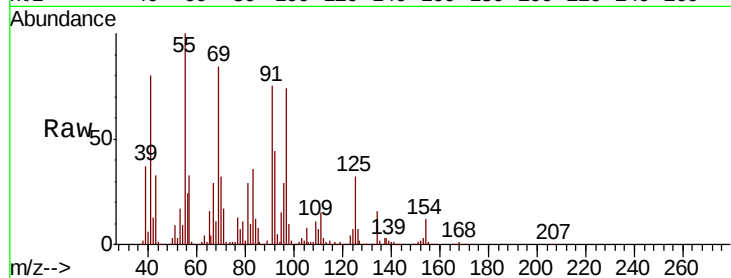
Tot Ion: 91 Resp: 283649

Ion Ratio Lower Upper

91 100

92 58.2 29.8 89.3

134 21.3 10.9 32.7



Abundance

Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V

