

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122818\
 Data File : VF061238.D
 Acq On : 28 Dec 2018 16:17
 Operator : VA/AP
 Sample : J6515-04
 Misc : 6.16g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S72-0051

Quant Time: Jan 02 13:00:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

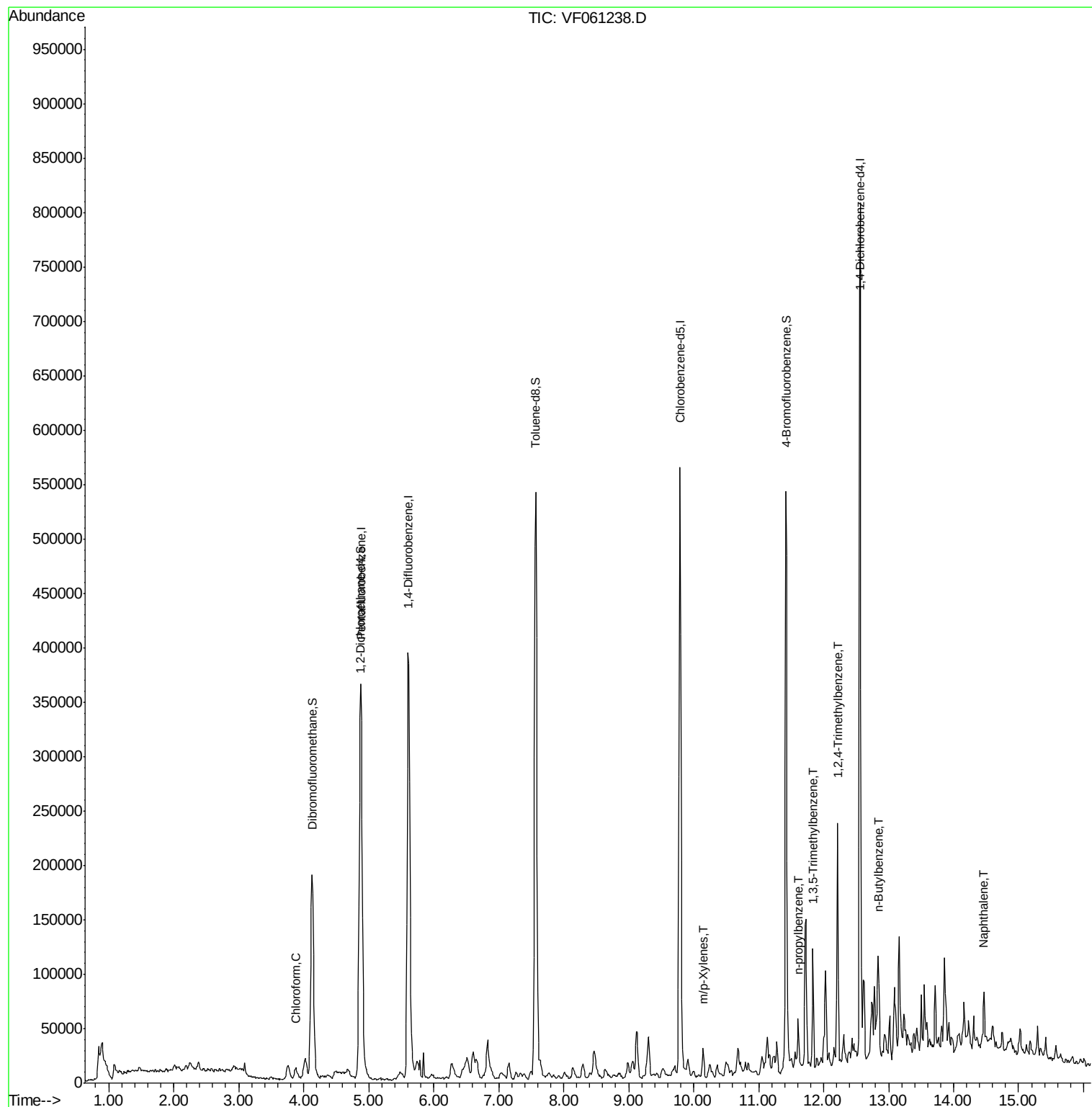
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	265263	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.62	114	452885	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.79	117	409191	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	207626	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	148689	43.58	ug/l	0.02
Spiked Amount 50.000			Recovery	=	87.16%	
35) Dibromofluoromethane	4.13	113	173800	47.91	ug/l	0.02
Spiked Amount 50.000			Recovery	=	95.82%	
50) Toluene-d8	7.57	98	461855	44.92	ug/l	0.02
Spiked Amount 50.000			Recovery	=	89.84%	
62) 4-Bromofluorobenzene	11.42	95	215465	45.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.92%	
Target Compounds						
					Qvalue	
30) Chloroform	3.87	83	7630	1.060	ug/l	89
68) m/p-Xylenes	10.15	106	9355	1.726	ug/l	89
78) n-propylbenzene	11.61	91	31528	1.133	ug/l	99
80) 1,3,5-Trimethylbenzene	11.83	105	50577	3.433	ug/l	99
84) 1,2,4-Trimethylbenzene	12.22	105	113371	7.717	ug/l	96
89) n-Butylbenzene	12.85	91	18258	1.195	ug/l #	56
95) Naphthalene	14.47	128	30532	3.424	ug/l	97

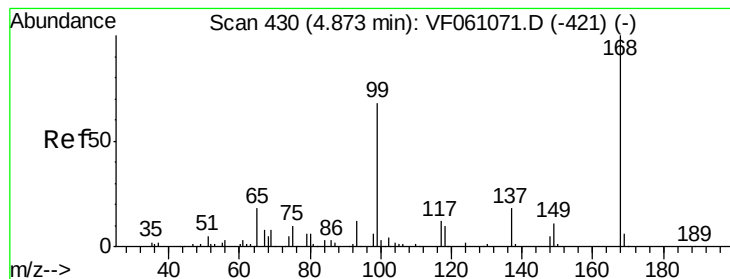
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF122818\
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Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. 0.02 min

Lab File: VF061238.D

Acq: 28 Dec 2018 16:17

Instrument :

MSVOA_F

ClientSampleId :

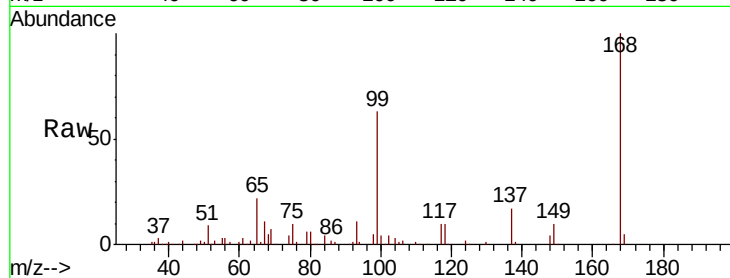
S72-0051

Tot Ion:168 Resp: 265263

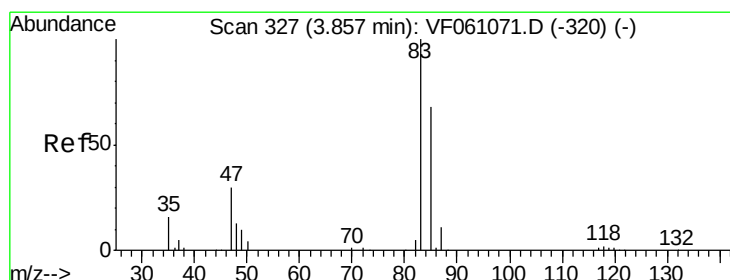
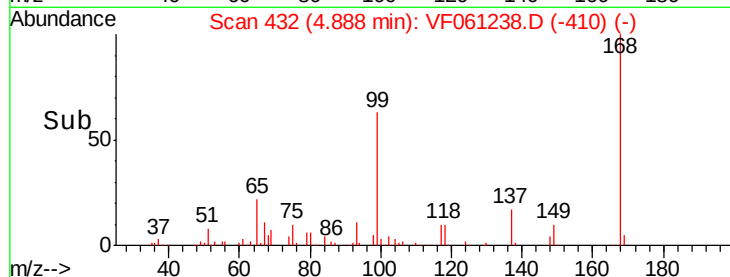
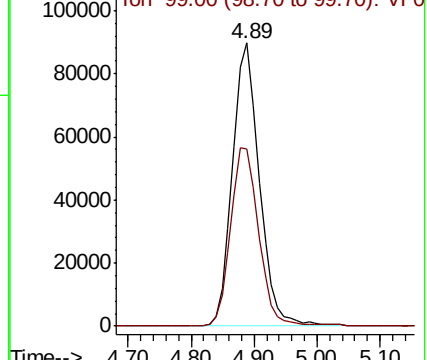
Ion Ratio Lower Upper

168 100

99 62.8 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0



#30

Chloroform

Concen: 1.060 ug/l

RT: 3.87 min Scan# 329

Delta R.T. 0.02 min

Lab File: VF061238.D

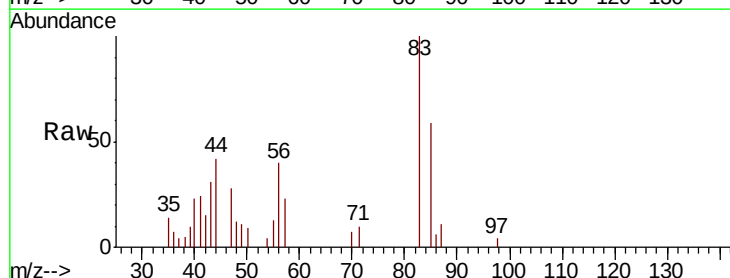
Acq: 28 Dec 2018 16:17

Tgt Ion: 83 Resp: 7630

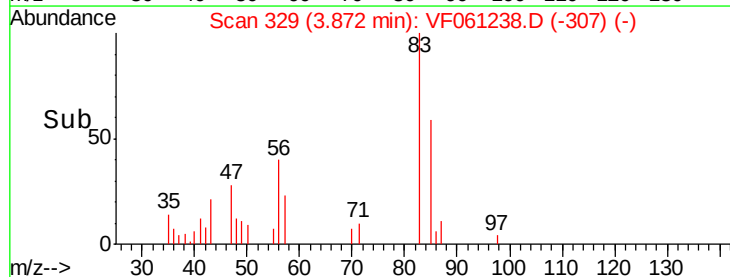
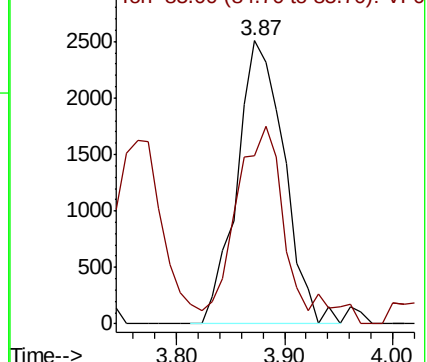
Ion Ratio Lower Upper

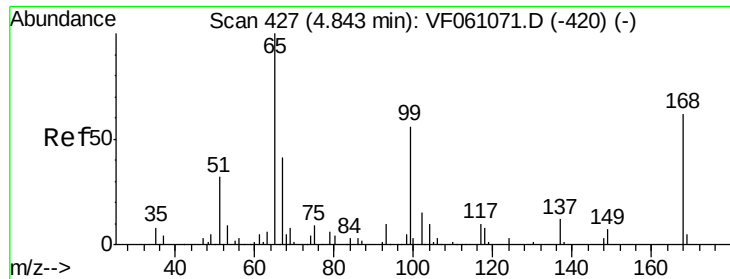
83 100

85 59.3 54.5 81.7



Abundance Ion 83.00 (82.70 to 83.70): VF0

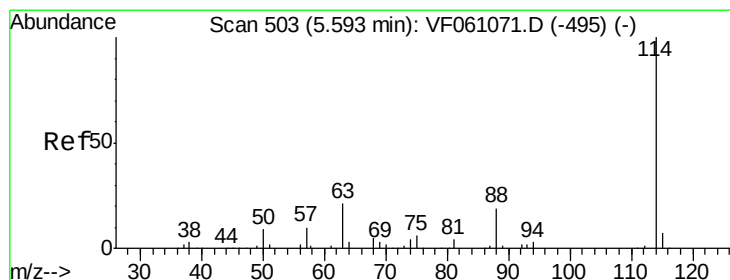
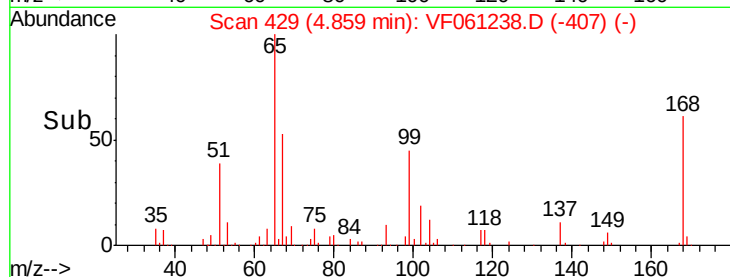
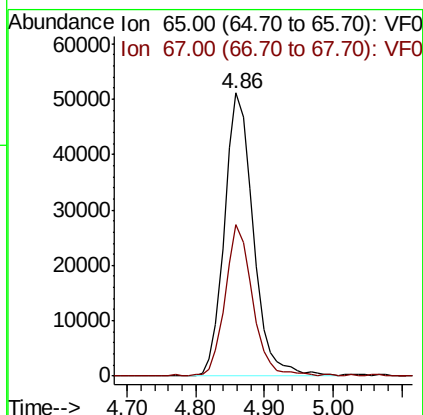
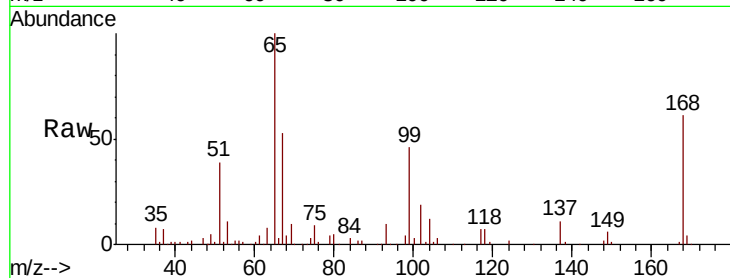




#33
 1,2-Dichloroethane-d4
 Concen: 43.582 ug/l
 RT: 4.86 min Scan# 429
 Delta R.T. 0.02 min
 Lab File: VF061238.D
 Acq: 28 Dec 2018 16:17

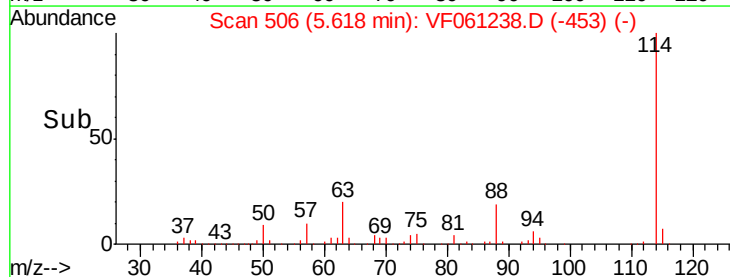
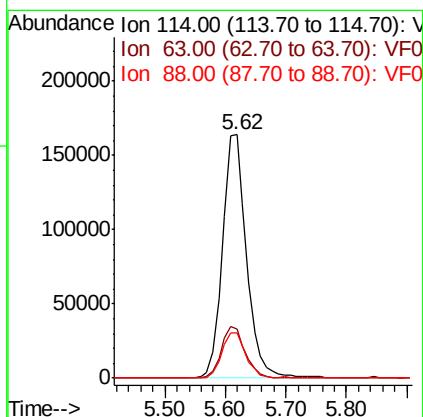
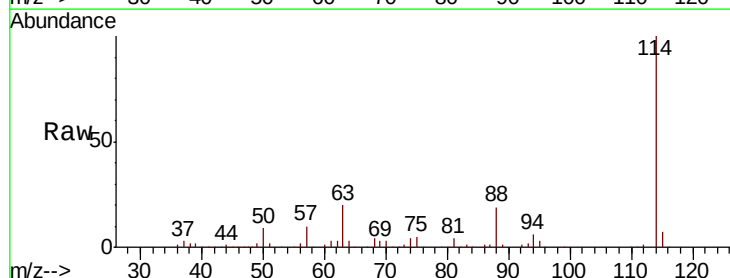
Instrument :
 MSVOA_F
 ClientSampleId :
 S72-0051

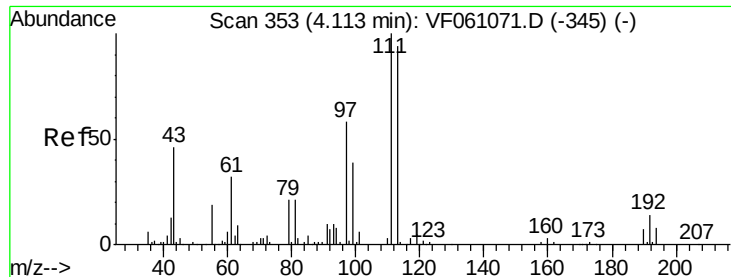
Tot Ion: 65 Resp: 148689
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 94.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.62 min Scan# 506
 Delta R.T. 0.03 min
 Lab File: VF061238.D
 Acq: 28 Dec 2018 16:17

Tgt Ion: 114 Resp: 452885
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.6
 88 18.8 0.0 38.0

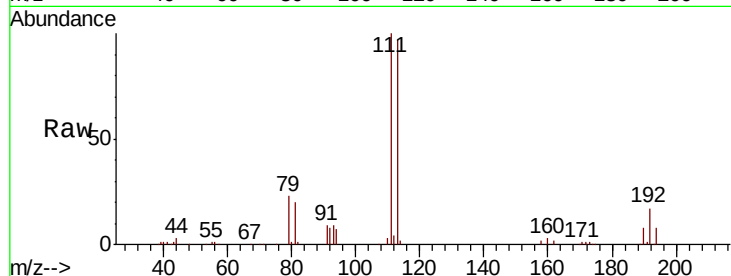




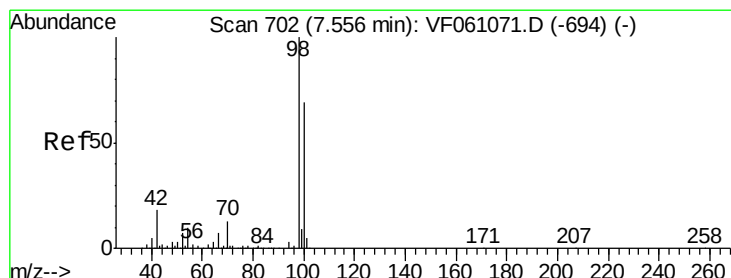
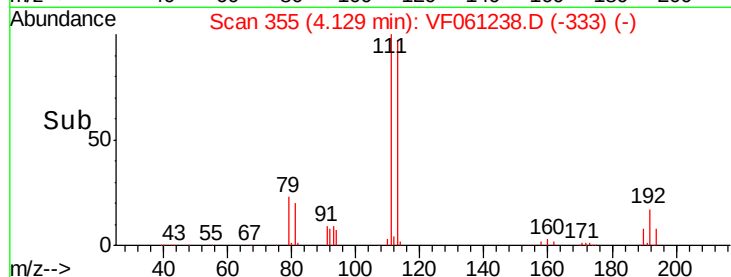
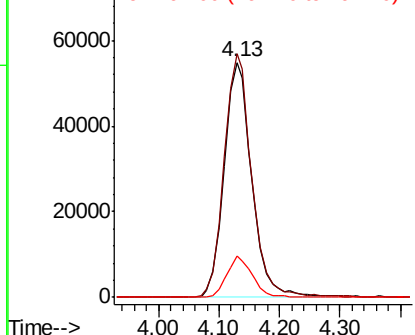
#35
Dibromofluoromethane
Concen: 47.907 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.02 min
Lab File: VF061238.D
Acq: 28 Dec 2018 16:17

Instrument :
MSVOA_F
ClientSampleId :
S72-0051

Tot Ion:113 Resp: 173800
Ion Ratio Lower Upper
113 100
111 103.5 85.2 127.8
192 17.5 12.8 19.2

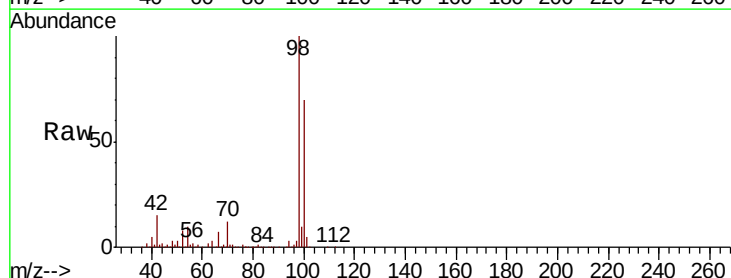


Abundance Ion 113.00 (112.70 to 113.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 192.00 (191.70 to 192.70): V

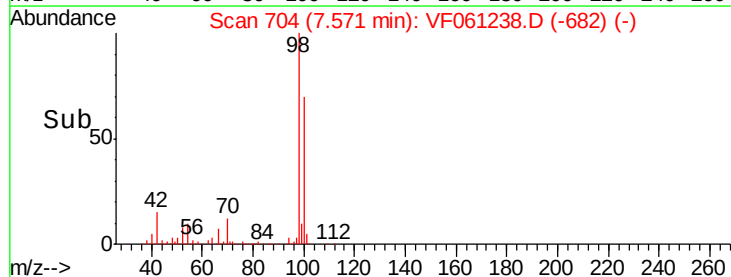
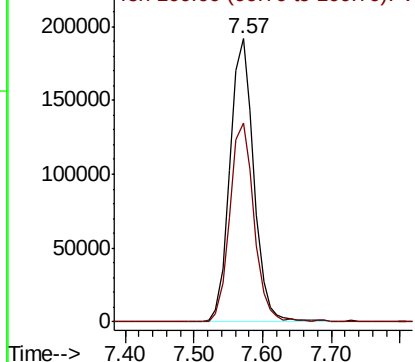


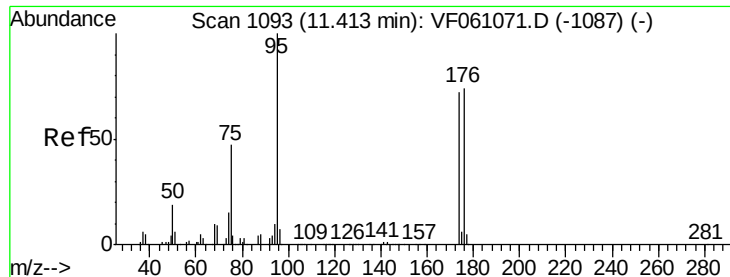
#50
Toluene-d8
Concen: 44.923 ug/l
RT: 7.57 min Scan# 704
Delta R.T. 0.02 min
Lab File: VF061238.D
Acq: 28 Dec 2018 16:17

Tgt Ion: 98 Resp: 461855
Ion Ratio Lower Upper
98 100
100 70.2 55.3 82.9



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF

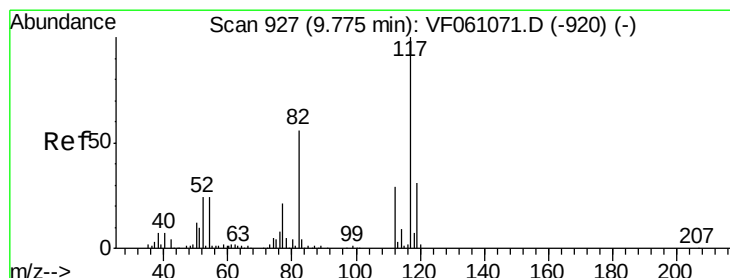
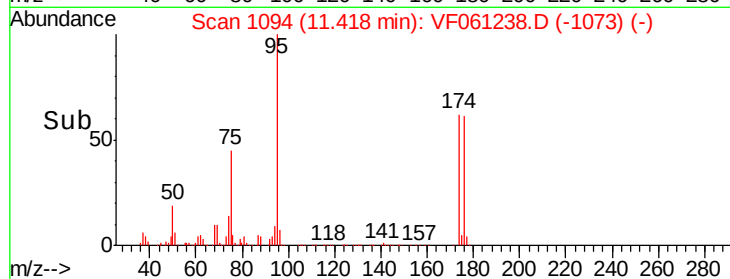
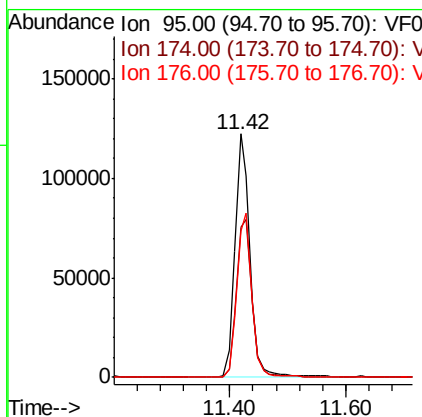
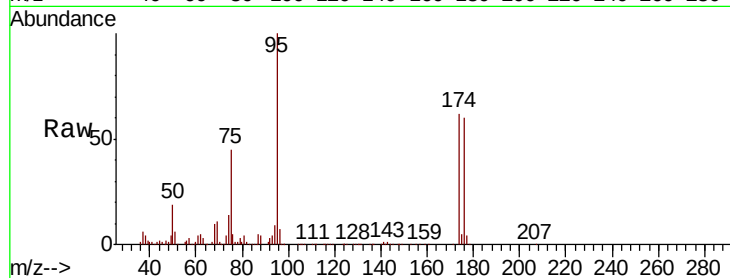




#62
4-Bromofluorobenzene
Concen: 45.460 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VF061238.D
Acq: 28 Dec 2018 16:17

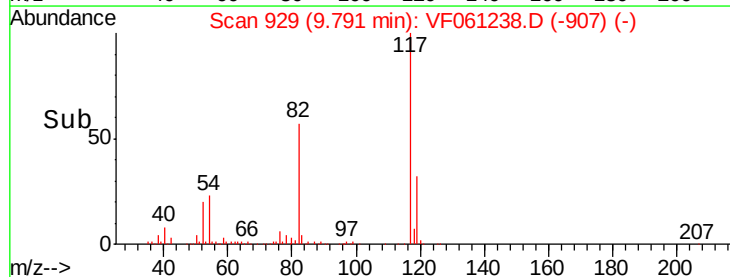
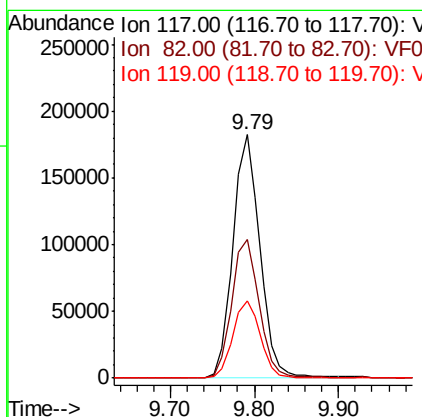
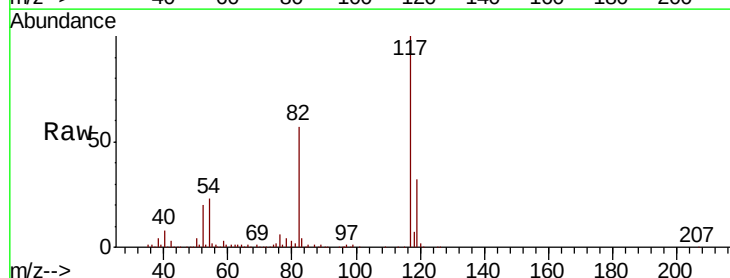
Instrument :
MSVOA_F
ClientSampleId :
S72-0051

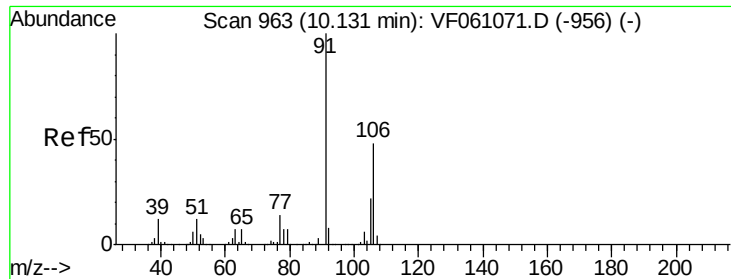
Tot Ion: 95 Resp: 215465
Ion Ratio Lower Upper
95 100
174 61.6 0.0 143.8
176 60.4 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.02 min
Lab File: VF061238.D
Acq: 28 Dec 2018 16:17

Tgt Ion: 117 Resp: 409191
Ion Ratio Lower Upper
117 100
82 57.2 45.0 67.4
119 31.7 24.8 37.2

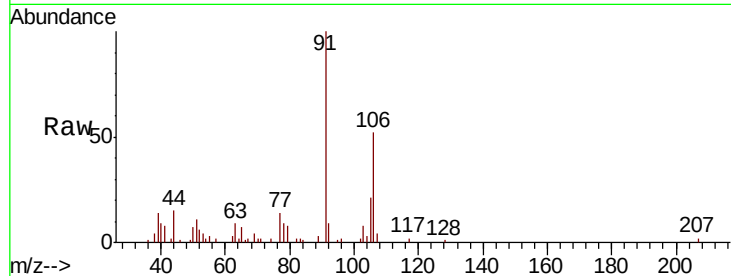




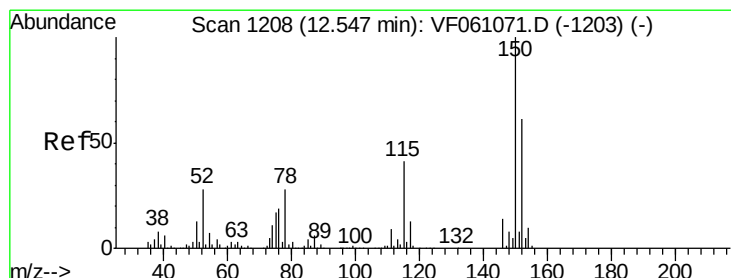
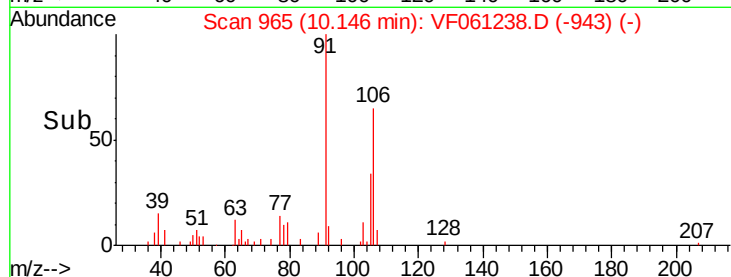
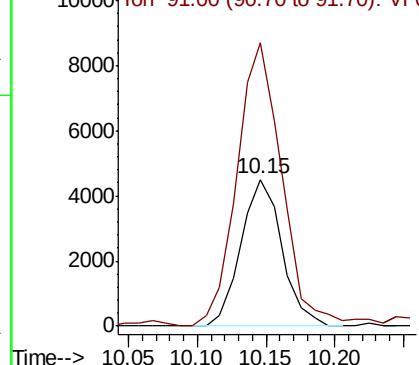
#68
m/p-Xylenes
Concen: 1.726 ug/l
RT: 10.15 min Scan# 965
Delta R.T. 0.02 min
Lab File: VF061238.D
Acq: 28 Dec 2018 16:17

Instrument :
MSVOA_F
ClientSampleId :
S72-0051

Tot Ion:106 Resp: 9355
Ion Ratio Lower Upper
106 100
91 193.0 168.2 252.2

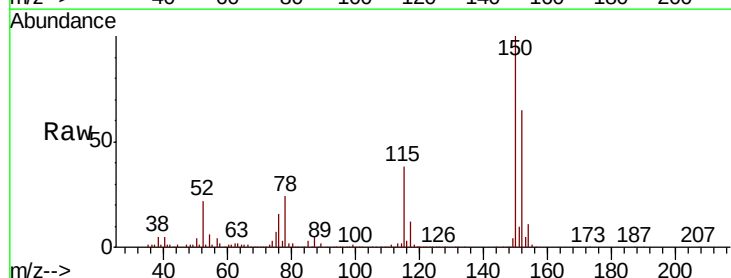


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

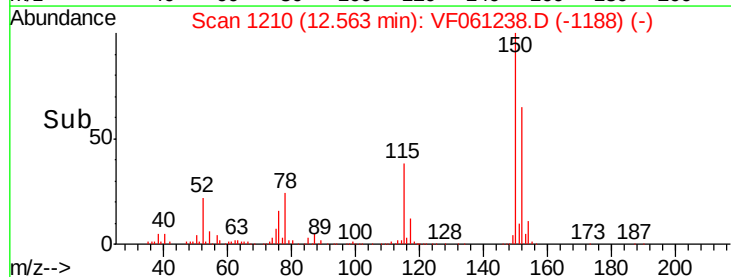
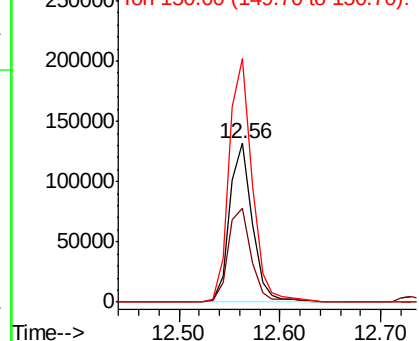


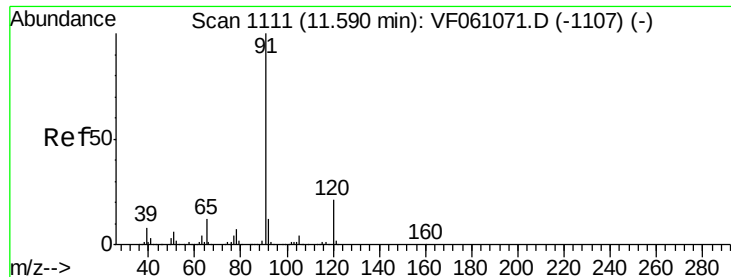
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.02 min
Lab File: VF061238.D
Acq: 28 Dec 2018 16:17

Tgt Ion:152 Resp: 207626
Ion Ratio Lower Upper
152 100
115 58.9 33.3 99.9
150 153.1 0.0 328.2



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#78

n-propylbenzene

Concen: 1.133 ug/l

RT: 11.61 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF061238.D

Acq: 28 Dec 2018 16:17

Instrument :

MSVOA_F

ClientSampleId :

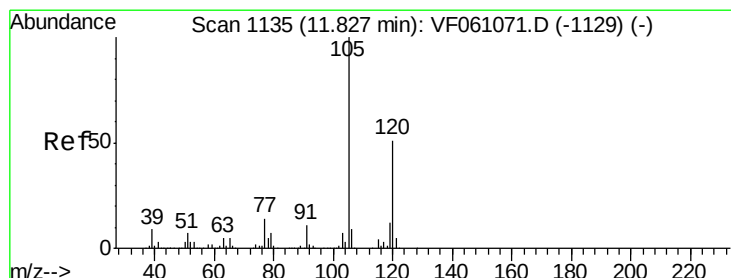
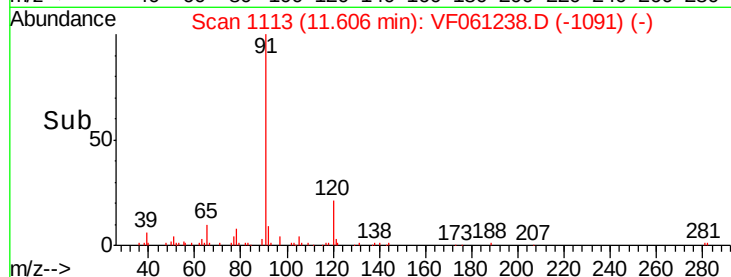
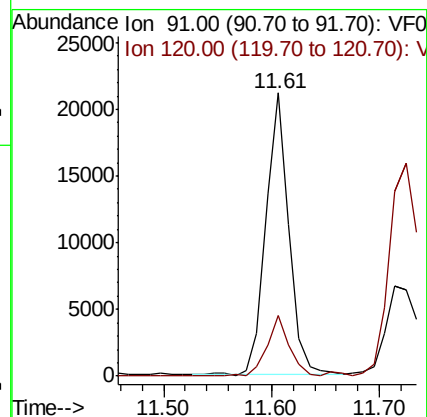
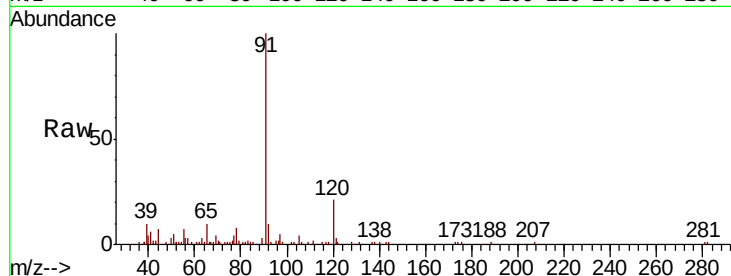
S72-0051

Tot Ion: 91 Resp: 31528

Ion Ratio Lower Upper

91 100

120 21.3 10.4 31.2



#80

1,3,5-Trimethylbenzene

Concen: 3.433 ug/l

RT: 11.83 min Scan# 1136

Delta R.T. 0.01 min

Lab File: VF061238.D

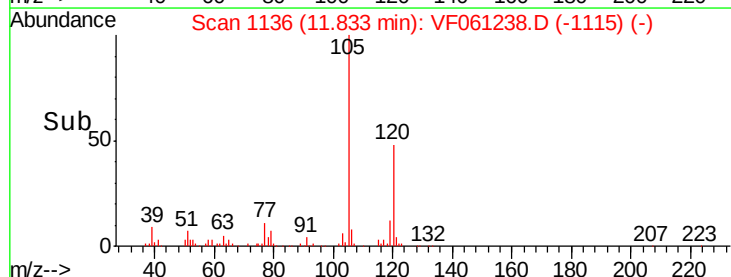
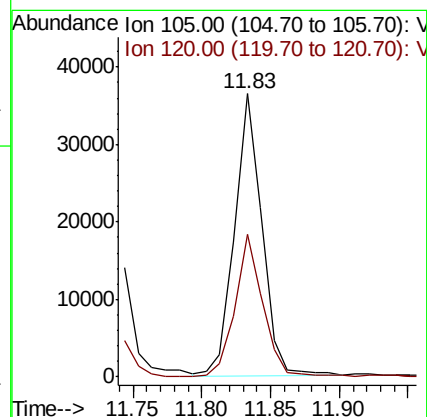
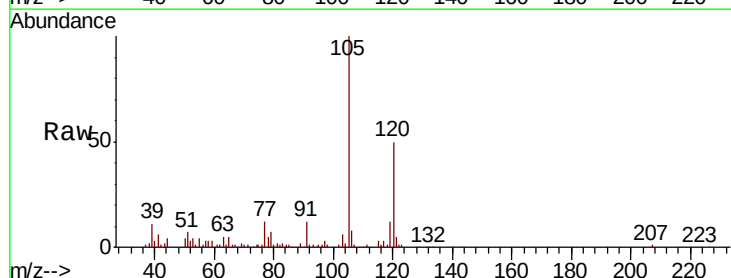
Acq: 28 Dec 2018 16:17

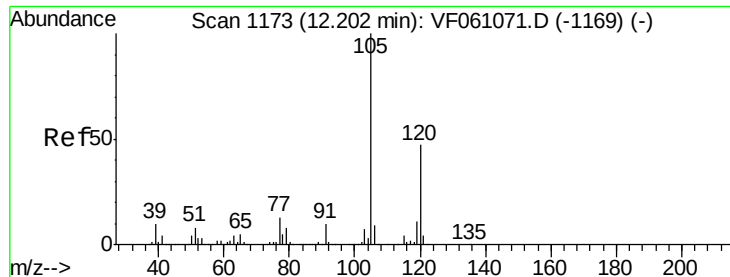
Tgt Ion: 105 Resp: 50577

Ion Ratio Lower Upper

105 100

120 50.5 25.4 76.4

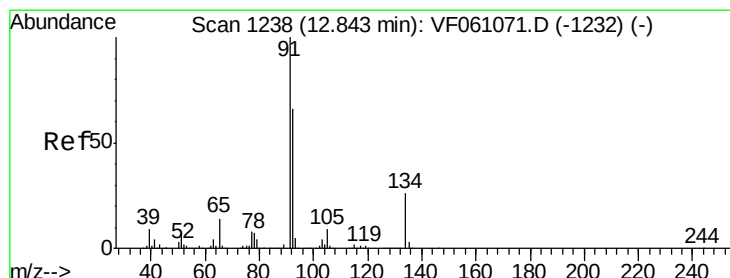
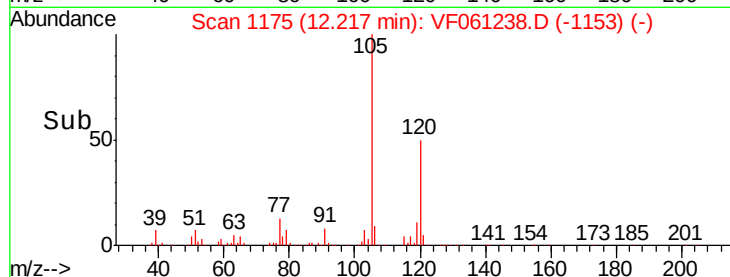
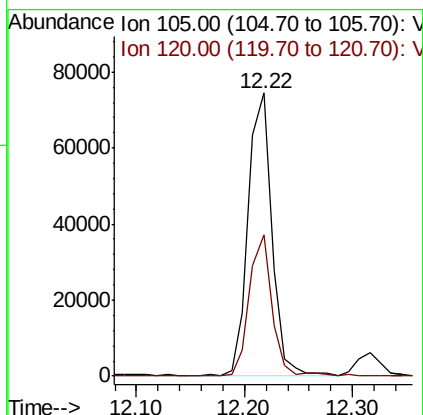
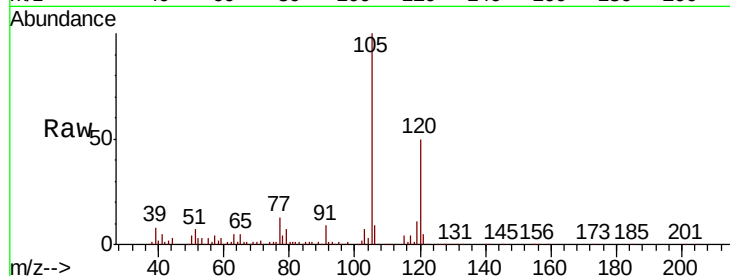




#84
 1,2,4-Trimethylbenzene
 Concen: 7.717 ug/l
 RT: 12.22 min Scan# 1175
 Delta R.T. 0.02 min
 Lab File: VF061238.D
 Acq: 28 Dec 2018 16:17

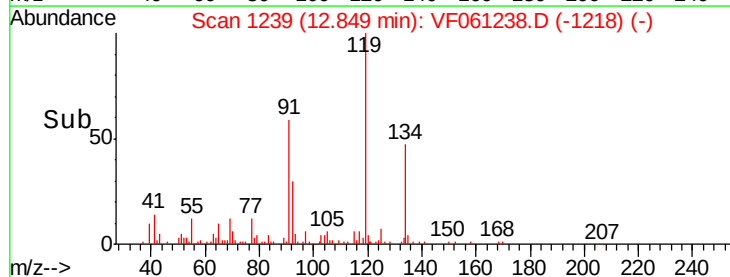
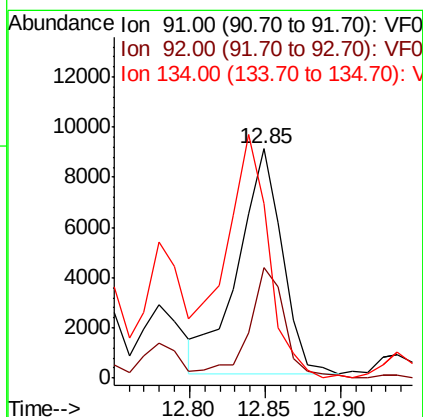
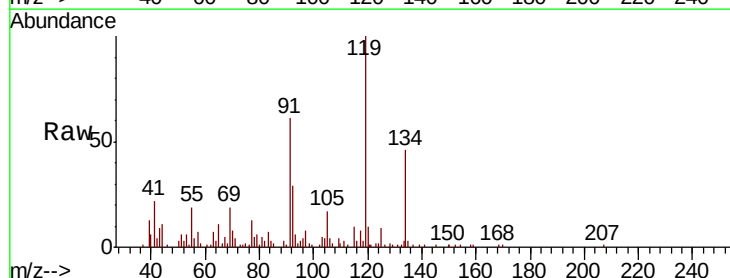
Instrument :
 MSVOA_F
 ClientSampleId :
 S72-0051

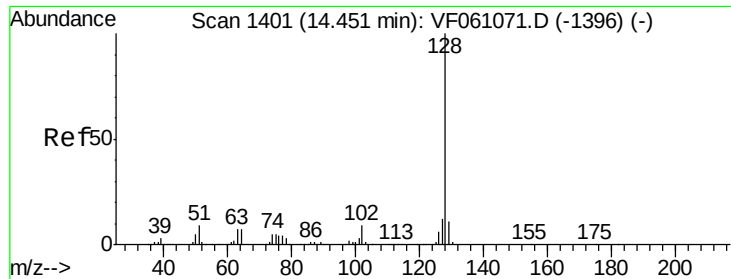
Tot Ion:105 Resp: 113371
 Ion Ratio Lower Upper
 105 100
 120 49.7 23.6 71.0



#89
 n-Butylbenzene
 Concen: 1.195 ug/l
 RT: 12.85 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: VF061238.D
 Acq: 28 Dec 2018 16:17

Tgt Ion: 91 Resp: 18258
 Ion Ratio Lower Upper
 91 100
 92 48.1 32.8 98.4
 134 76.4 13.2 39.5#

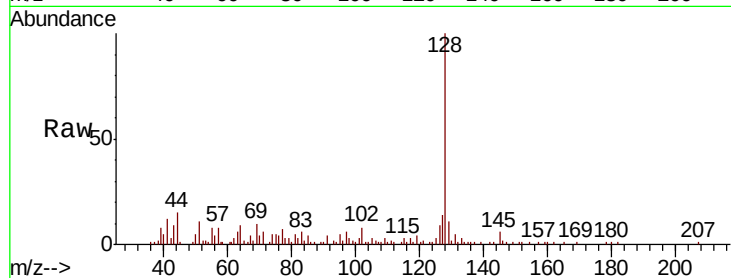




#95
 Naphthalene
 Concen: 3.424 ug/l
 RT: 14.47 min Scan# 1403
 Delta R.T. 0.02 min
 Lab File: VF061238.D
 Acq: 28 Dec 2018 16:17

Instrument :
 MSVOA_F
 ClientSampleId :
 S72-0051

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.1	9.4	14.2
129	10.9	8.8	13.2



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

