

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032119\
 Data File : VF062073.D
 Acq On : 21 Mar 2019 21:14
 Operator : VA/AP
 Sample : K2004-09RE
 Misc : 3.40g/5mL/MSVOA-F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-22(7-8)RE

Quant Time: Mar 22 08:49:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 03:22:44 2019
 Response via : Initial Calibration

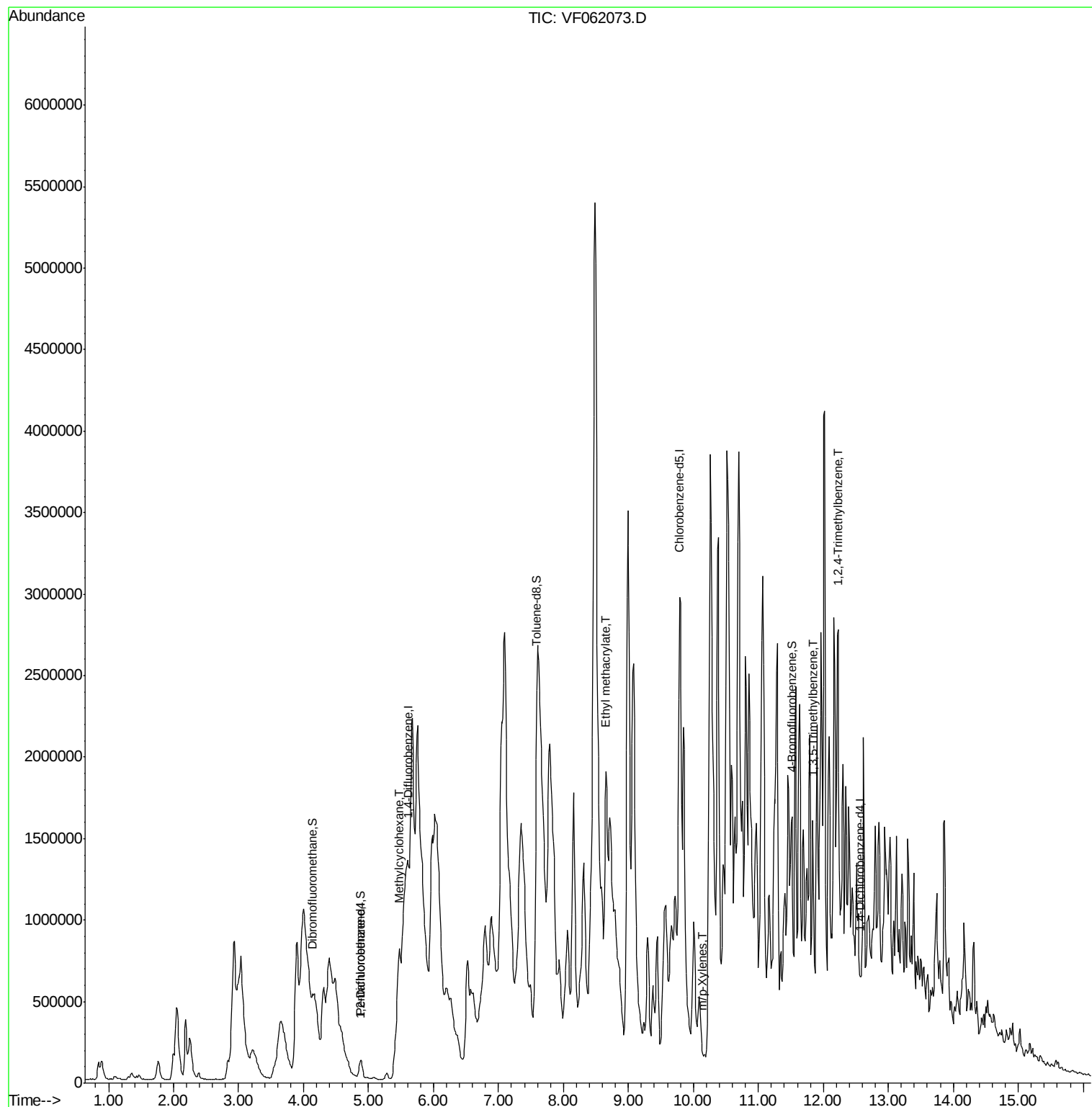
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	96484	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.62	114	152793	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.80	117	56845	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.57	152	18428	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	42677	61.45	ug/l	0.02
Spiked Amount 50.000			Recovery	=	122.90%	
35) Dibromofluoromethane	4.13	113	55003	53.61	ug/l	0.02
Spiked Amount 50.000			Recovery	=	107.22%	
50) Toluene-d8	7.58	98	330459	110.18	ug/l	0.03
Spiked Amount 50.000			Recovery	=	220.36%	
62) 4-Bromofluorobenzene	11.50	95	341780	286.84	ug/l	0.10
Spiked Amount 50.000			Recovery	=	573.68%	
Target Compounds						
39) Methylcyclohexane	5.48	83	299179	184.696	ug/l	93
56) Ethyl methacrylate	8.66	69	625078	881.948	ug/l #	82
68) m/p-Xylenes	10.15	106	2865	4.204	ug/l #	71
80) 1,3,5-Trimethylbenzene	11.84	105	8833	8.589	ug/l	87
84) 1,2,4-Trimethylbenzene	12.21	105	12071	11.718	ug/l	90

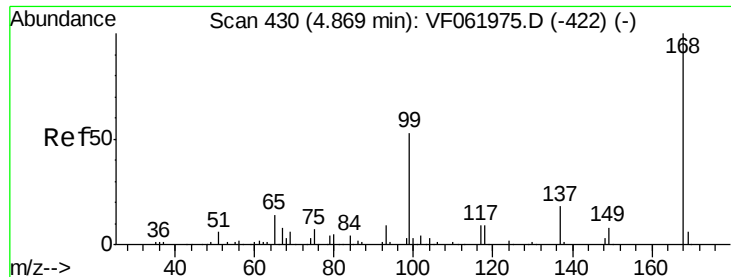
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032119\
Data File : VF062073.D
Acq On : 21 Mar 2019 21:14
Operator : VA/AP
Sample : K2004-09RE
Misc : 3.40g/5mL/MSVOA-F/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SB-22(7-8)RE

Quant Time: Mar 22 08:49:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 03:22:44 2019
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: VF062073.D

Acq: 21 Mar 2019 21:14

Instrument :

MSVOA_F

ClientSampleId :

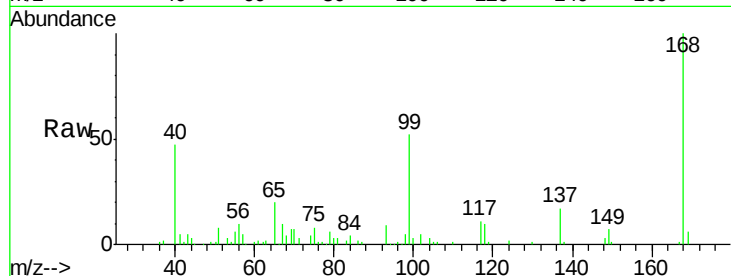
SB-22(7-8)RE

Tot Ion:168 Resp: 96484

Ion Ratio Lower Upper

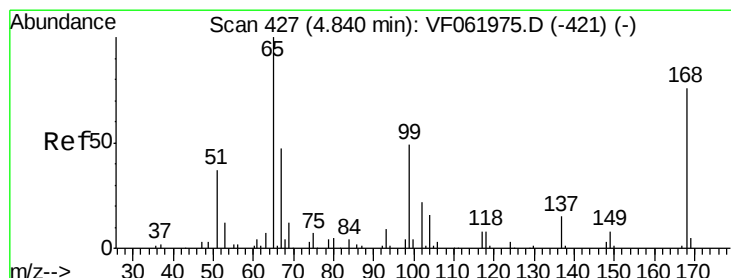
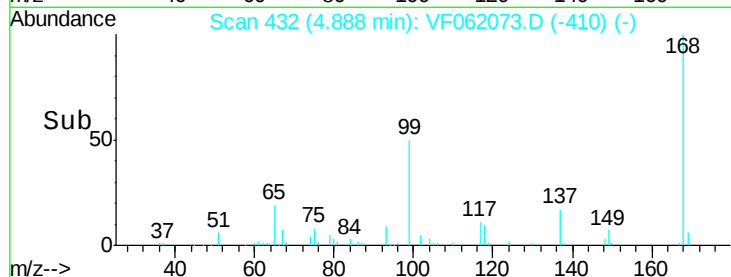
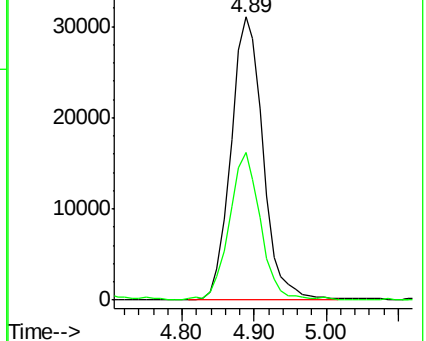
168 100

99 52.3 42.4 63.6



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 61.447 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.02 min

Lab File: VF062073.D

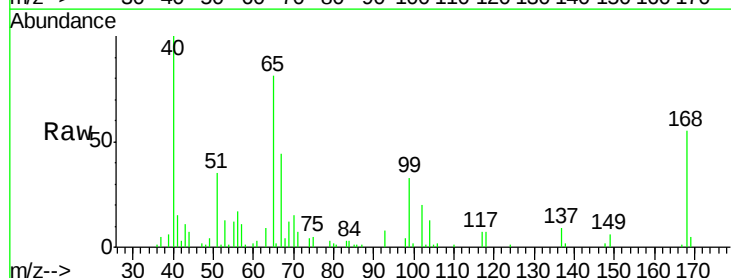
Acq: 21 Mar 2019 21:14

Tgt Ion: 65 Resp: 42677

Ion Ratio Lower Upper

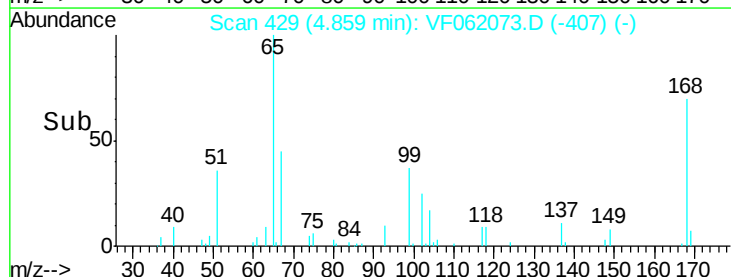
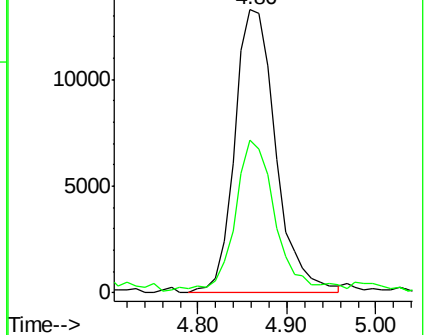
65 100

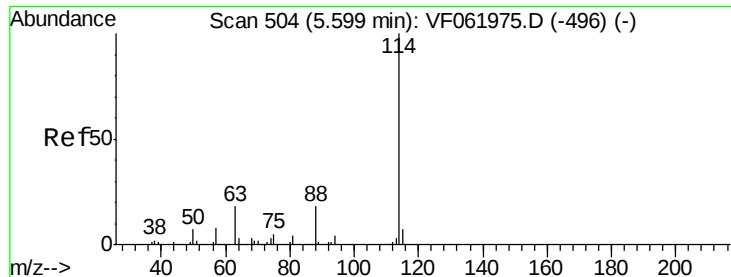
67 53.9 0.0 109.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 506

Delta R.T. 0.02 min

Lab File: VF062073.D

Acq: 21 Mar 2019 21:14

Instrument :

MSVOA_F

ClientSampleId :

SB-22(7-8)RE

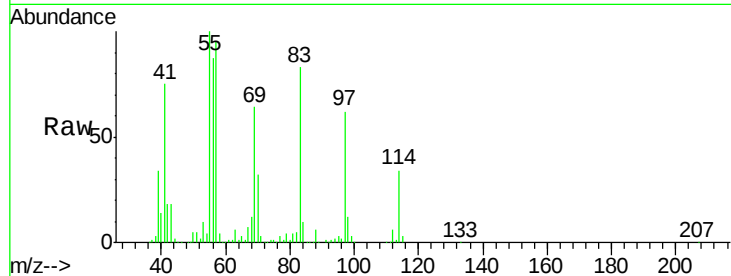
Tot Ion:114 Resp: 152793

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

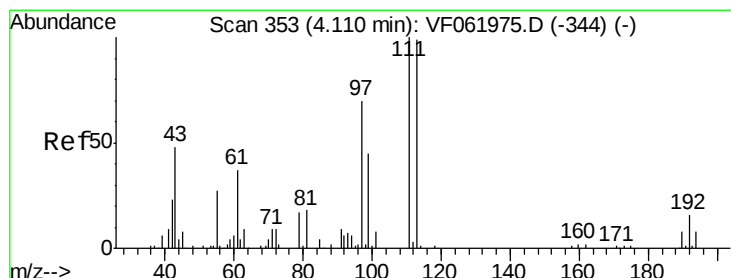
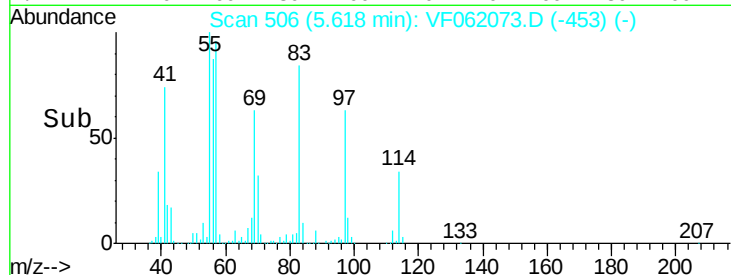
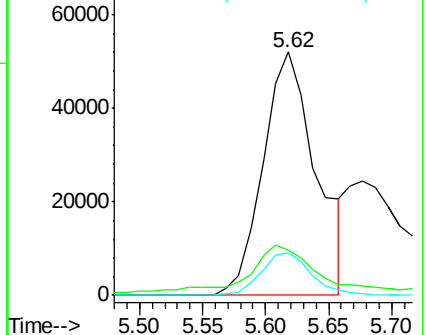
88 17.8 0.0 36.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 53.607 ug/l

RT: 4.13 min Scan# 355

Delta R.T. 0.02 min

Lab File: VF062073.D

Acq: 21 Mar 2019 21:14

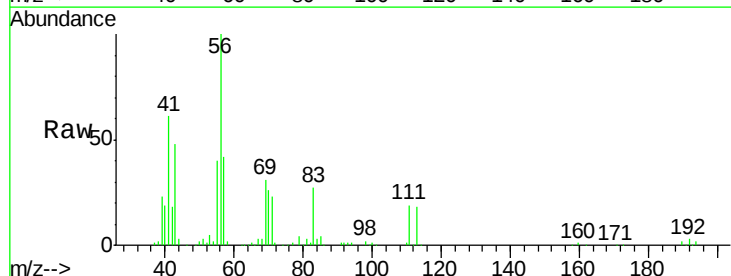
Tgt Ion:113 Resp: 55003

Ion Ratio Lower Upper

113 100

111 105.7 80.8 121.2

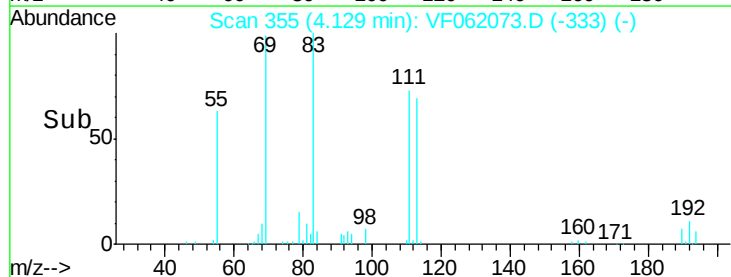
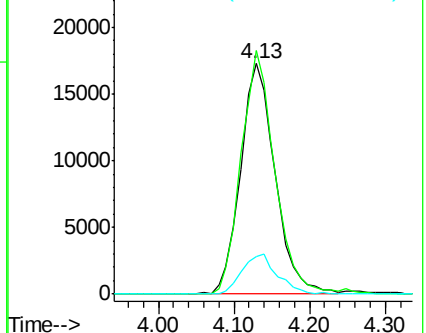
192 16.1 13.0 19.6

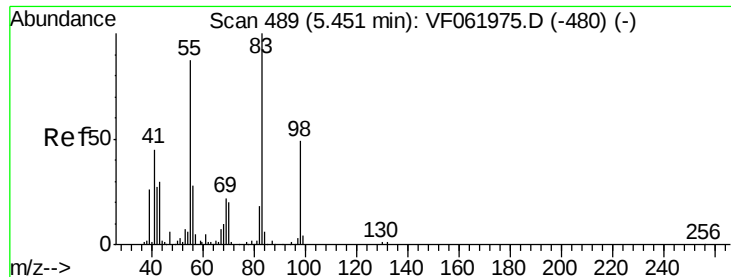


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

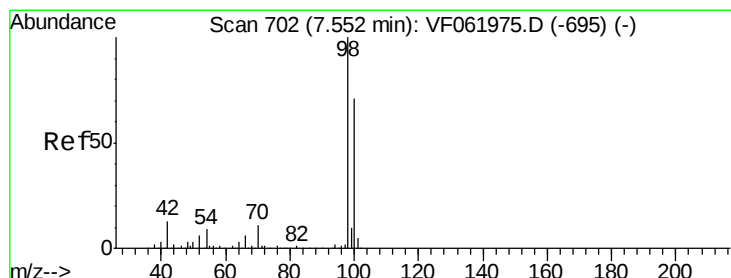
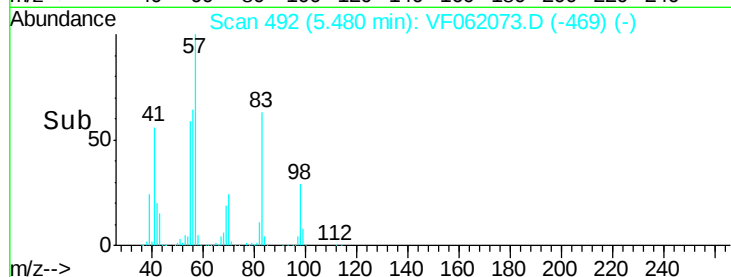
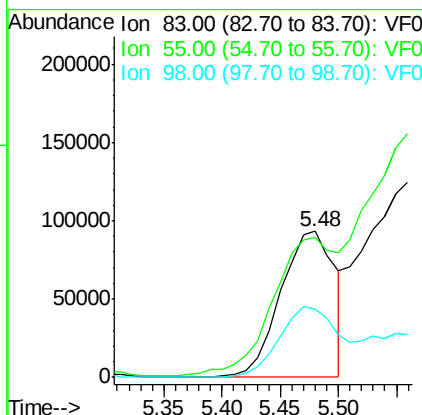
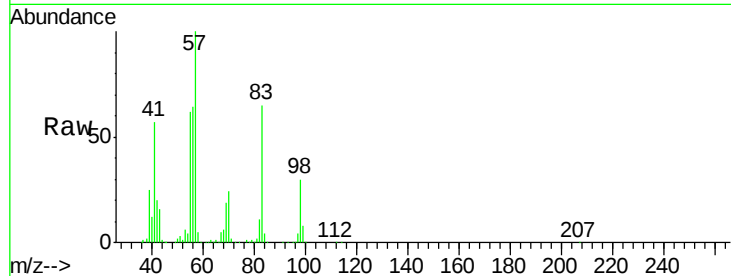




#39
Methvlcvclohexane
Concen: 184.696 ug/l
RT: 5.48 min Scan# 492
Delta R.T. 0.03 min
Lab File: VF062073.D
Acq: 21 Mar 2019 21:14

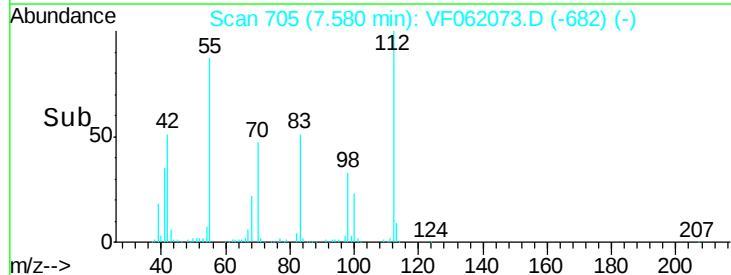
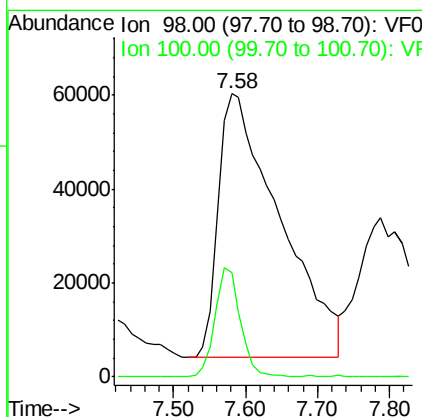
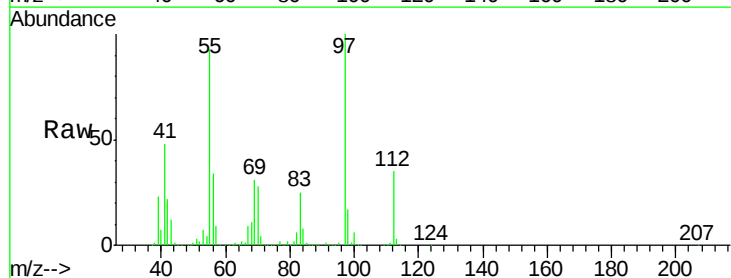
Instrument :
MSVOA_F
ClientSampleId :
SB-22(7-8)RE

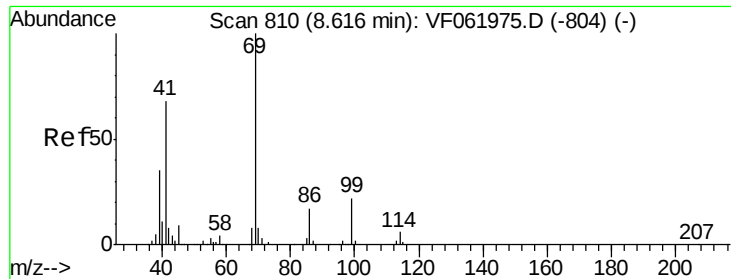
Tot Ion: 83 Resp: 299179
Ion Ratio Lower Upper
83 100
55 95.3 69.7 104.5
98 46.6 39.4 59.0



#50
Toluene-d8
Concen: 110.175 ug/l
RT: 7.58 min Scan# 705
Delta R.T. 0.03 min
Lab File: VF062073.D
Acq: 21 Mar 2019 21:14

Tgt Ion: 98 Resp: 330459
Ion Ratio Lower Upper
98 100
100 36.9 56.8 85.2#

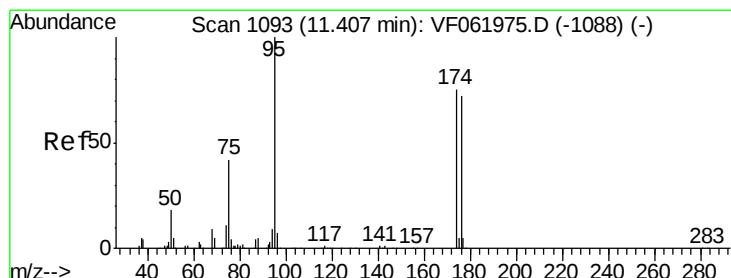
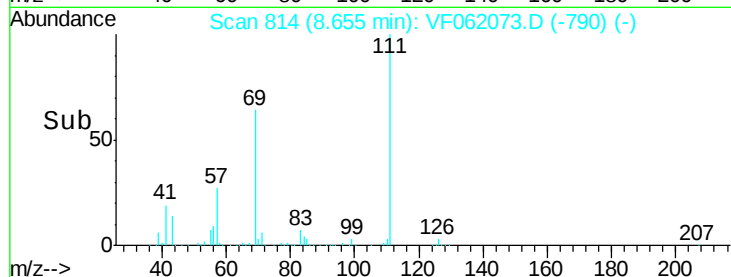
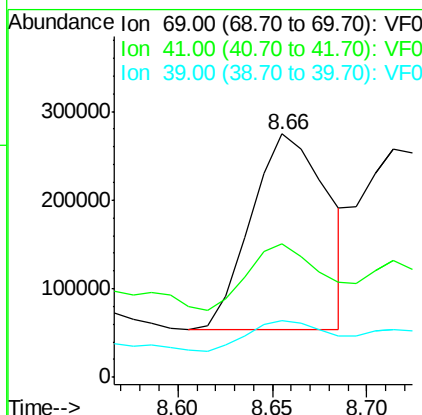
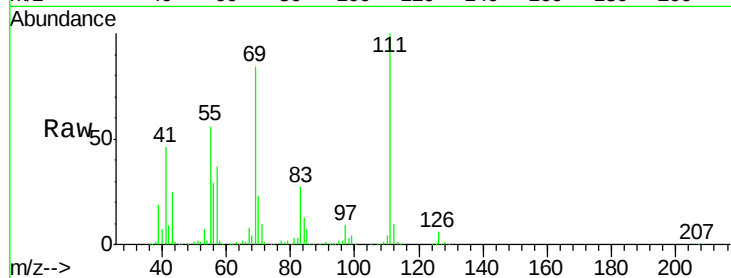




#56
 Ethyl methacrylate
 Concen: 881.948 ug/l
 RT: 8.66 min Scan# 814
 Delta R.T. 0.04 min
 Lab File: VF062073.D
 Acq: 21 Mar 2019 21:14

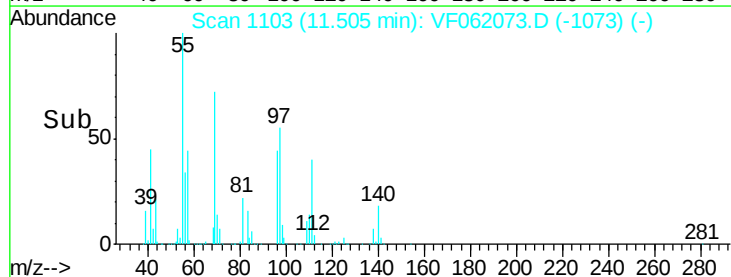
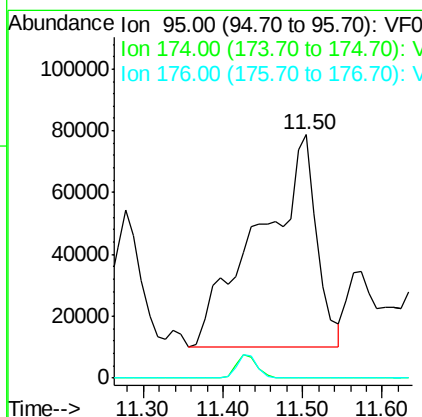
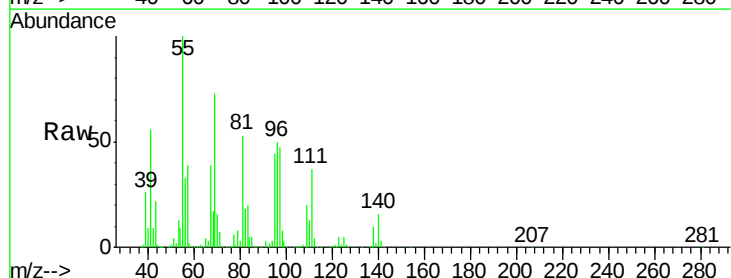
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-22(7-8)RE

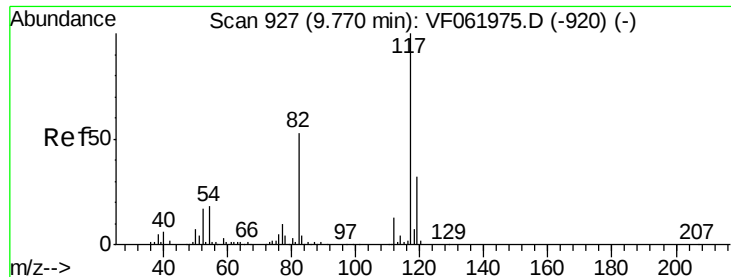
Tot Ion: 69 Resp: 625078
 Ion Ratio Lower Upper
 69 100
 41 55.0 54.7 82.1
 39 23.3 27.9 41.9#



#62
 4-Bromofluorobenzene
 Concen: 286.837 ug/l
 RT: 11.50 min Scan# 1103
 Delta R.T. 0.10 min
 Lab File: VF062073.D
 Acq: 21 Mar 2019 21:14

Tgt Ion: 95 Resp: 341780
 Ion Ratio Lower Upper
 95 100
 174 0.0 0.0 149.4
 176 0.0 0.0 143.4

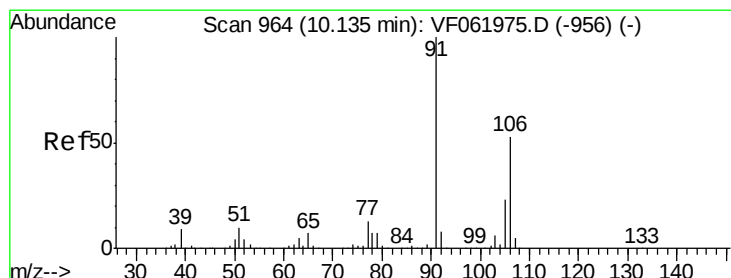
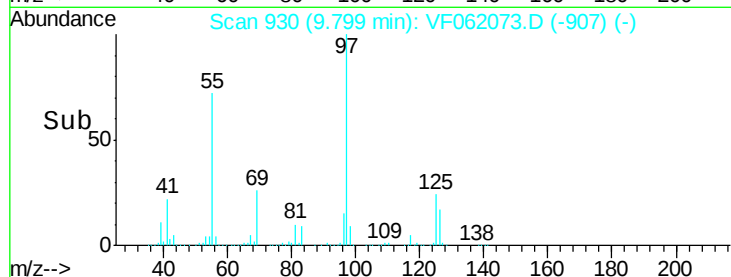
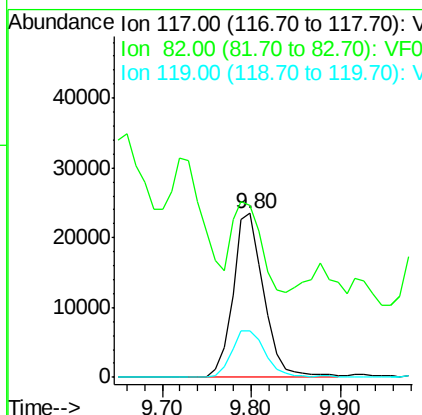
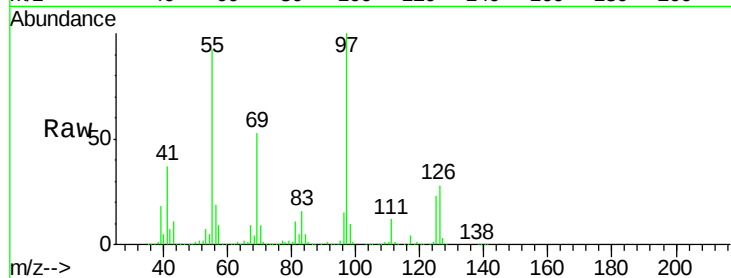




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 930
Delta R.T. 0.03 min
Lab File: VF062073.D
Acq: 21 Mar 2019 21:14

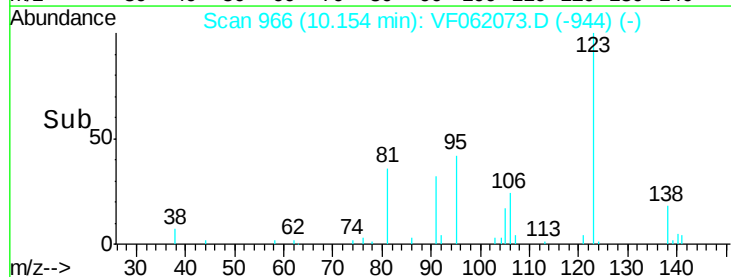
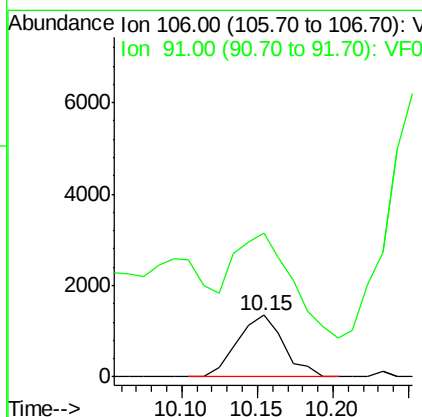
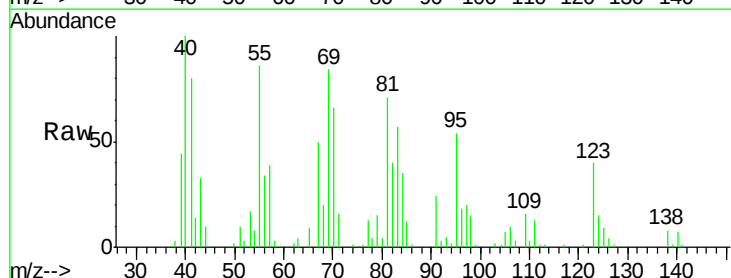
Instrument :
MSVOA_F
ClientSampleId :
SB-22(7-8)RE

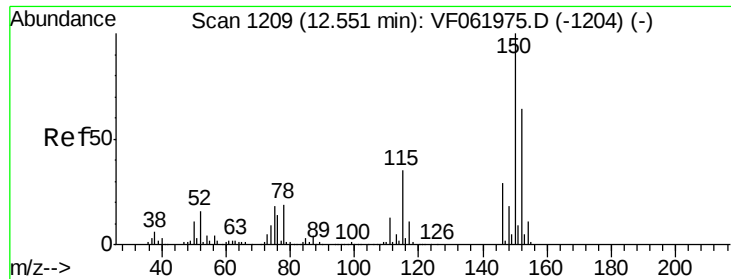
Tot Ion:117 Resp: 56845
Ion Ratio Lower Upper
117 100
82 105.1 42.5 63.7#
119 28.3 25.4 38.0



#68
m/p-Xylenes
Concen: 4.204 ug/l
RT: 10.15 min Scan# 966
Delta R.T. 0.02 min
Lab File: VF062073.D
Acq: 21 Mar 2019 21:14

Tgt Ion:106 Resp: 2865
Ion Ratio Lower Upper
106 100
91 233.0 151.9 227.9#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.57 min Scan# 1211

Delta R.T. 0.02 min

Lab File: VF062073.D

Acq: 21 Mar 2019 21:14

Instrument :

MSVOA_F

ClientSampleId :

SB-22(7-8)RE

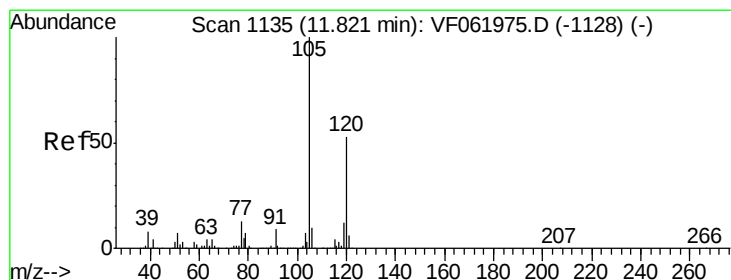
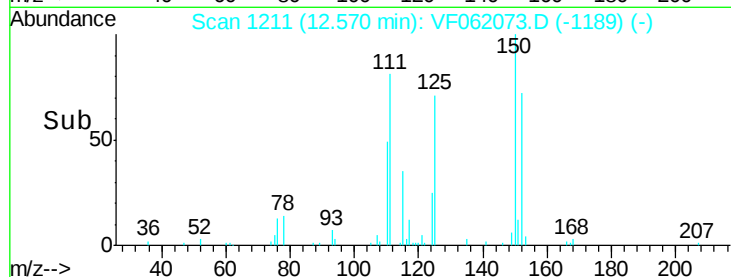
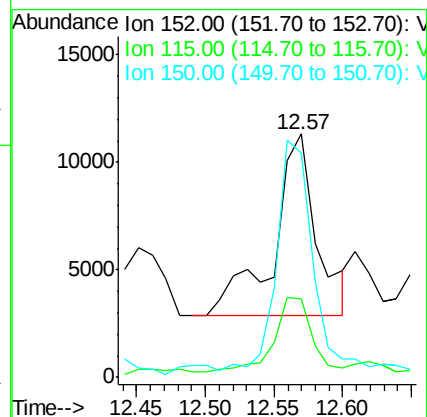
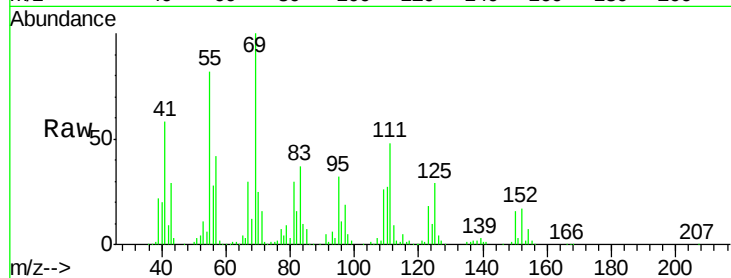
Tot Ion:152 Resp: 18428

Ion Ratio Lower Upper

152 100

115 32.1 27.3 81.9

150 92.4 0.0 316.2



#80

1,3,5-Trimethylbenzene

Concen: 8.589 ug/l

RT: 11.84 min Scan# 1137

Delta R.T. 0.02 min

Lab File: VF062073.D

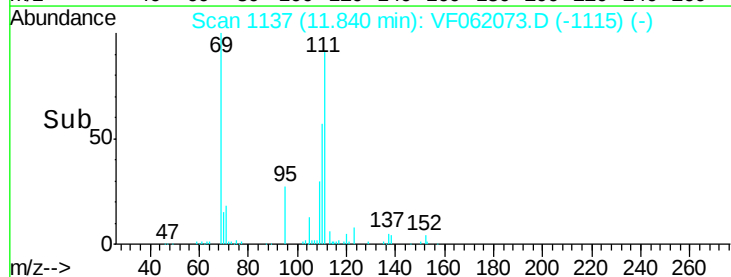
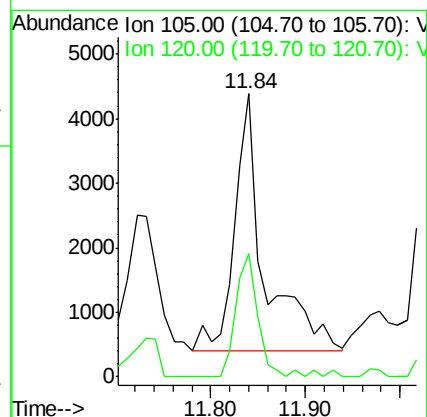
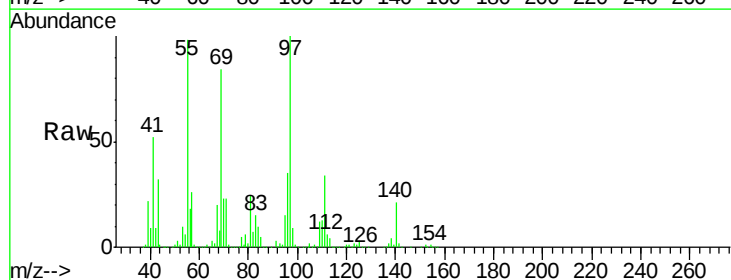
Acq: 21 Mar 2019 21:14

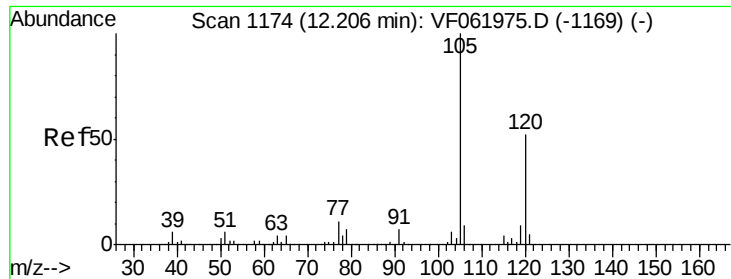
Tgt Ion:105 Resp: 8833

Ion Ratio Lower Upper

105 100

120 43.6 26.6 79.7





#84

1,2,4-Trimethylbenzene

Concen: 11.718 ug/l

RT: 12.21 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VF062073.D

Acq: 21 Mar 2019 21:14

Instrument :

MSVOA_F

ClientSampleId :

SB-22(7-8)RE

Tot Ion:105 Resp: 12071

Ion Ratio Lower Upper

105 100

120 45.2 25.9 77.8

