

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052019\
 Data File : VF062659.D
 Acq On : 20 May 2019 14:33
 Operator : FY/SY
 Sample : K2648-01RE
 Misc : 6.86g/5mL/MSVOA F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TR-05-051619RE

Quant Time: May 21 02:01:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	880525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	1417710	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	882565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	332553	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	210648	33.85	ug/l	0.01
Spiked Amount			Recovery	=	67.70%	
35) Dibromofluoromethane	4.32	113	382355	35.25	ug/l	0.00
Spiked Amount			Recovery	=	70.50%	
50) Toluene-d8	7.72	98	766959	29.61	ug/l	0.00
Spiked Amount			Recovery	=	59.22%	
62) 4-Bromofluorobenzene	11.51	95	219253	22.32	ug/l	0.00
Spiked Amount			Recovery	=	44.64%	

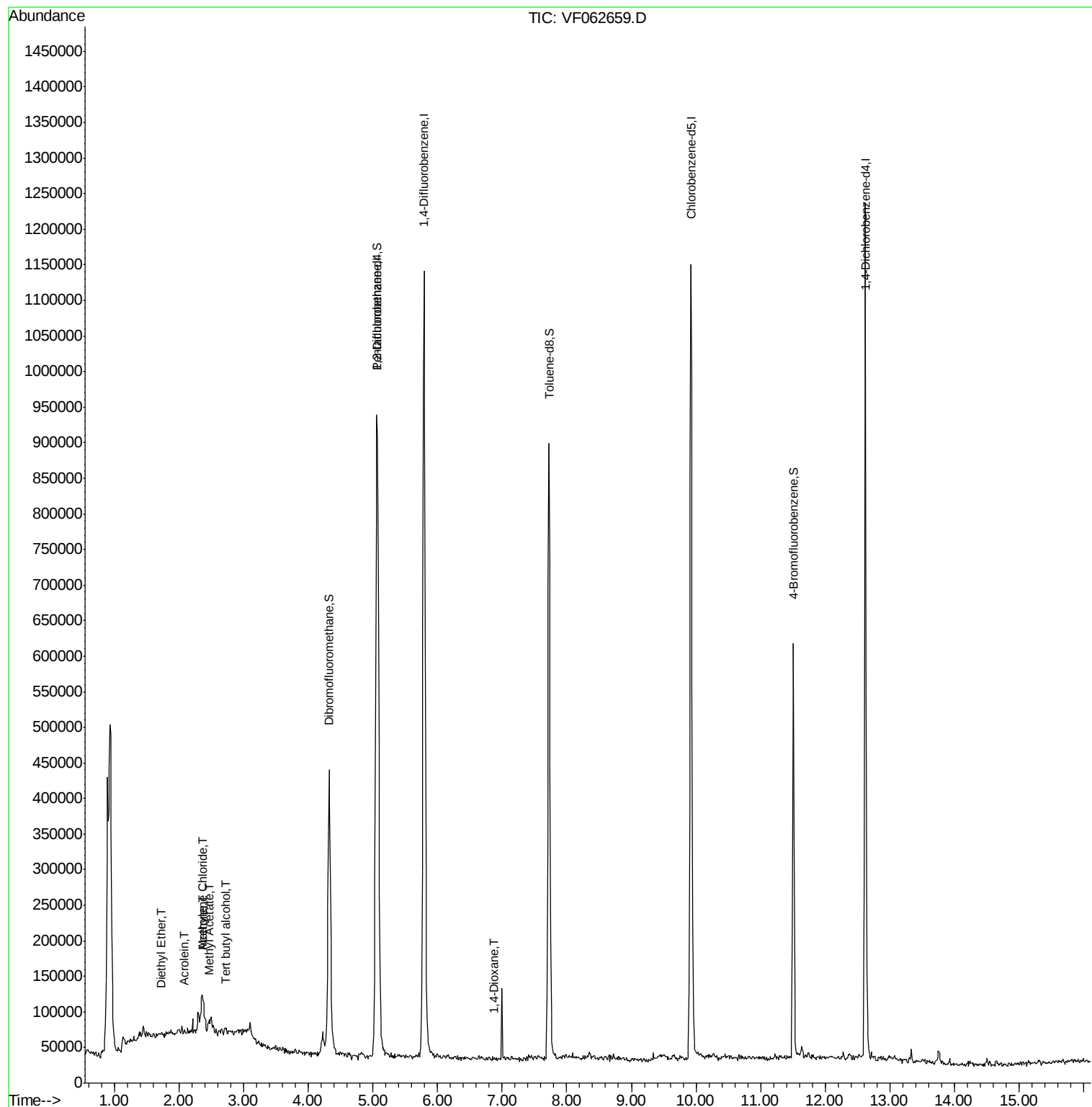
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	1.72	74	3430	1.270	ug/l	89
11) Tert butyl alcohol	2.72	59	1496	3.642	ug/l #	66
13) Acrolein	2.09	56	480	1.119	ug/l #	1
16) Acetone	2.36	43	34690	21.490	ug/l	96
18) Methyl Acetate	2.47	43	32459	12.796	ug/l	98
20) Methylene Chloride	2.37	84	31406	3.881	ug/l #	79
49) 1,4-Dioxane	6.89	88	379	7.367	ug/l #	1
59) 2-Hexanone	9.64	43	4849	Below Cal		96
74) N-amyl acetate	11.47	43	1999	Below Cal #		74

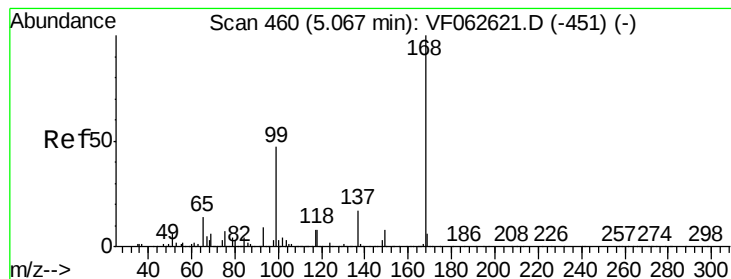
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF052019\
Data File : VF062659.D
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ALS Vial : 10 Sample Multiplier: 1

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MSVOA_F
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TR-05-051619RE

Quant Time: May 21 02:01:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.00 min

Lab File: VF062659.D

Acq: 20 May 2019 14:33

Instrument :

MSVOA_F

ClientSampleId :

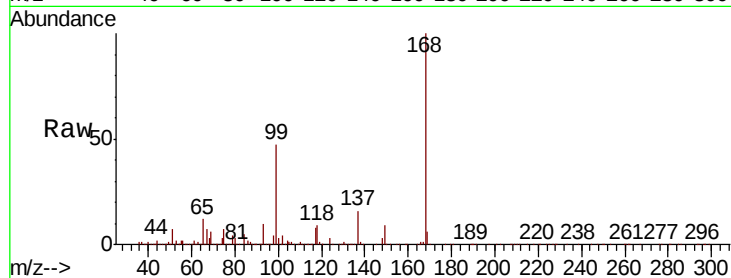
TR-05-051619RE

Tot Ion:168 Resp: 880525

Ion Ratio Lower Upper

168 100

99 46.6 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.07

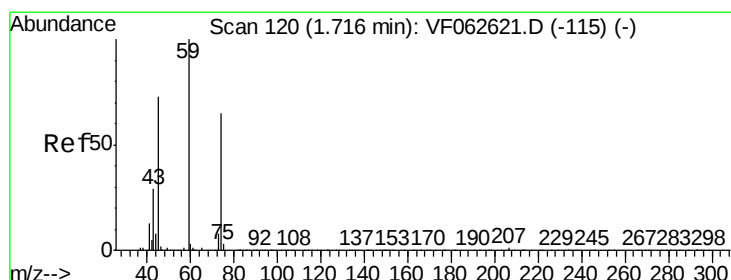
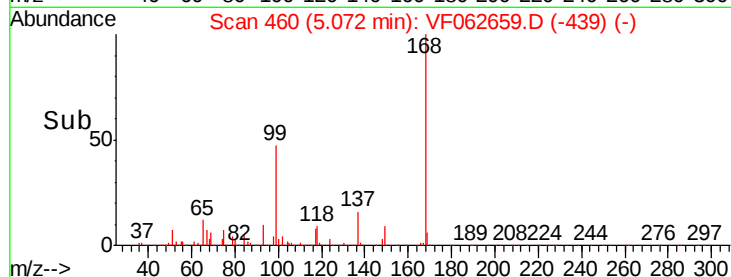
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 1.270 ug/l

RT: 1.72 min Scan# 120

Delta R.T. 0.00 min

Lab File: VF062659.D

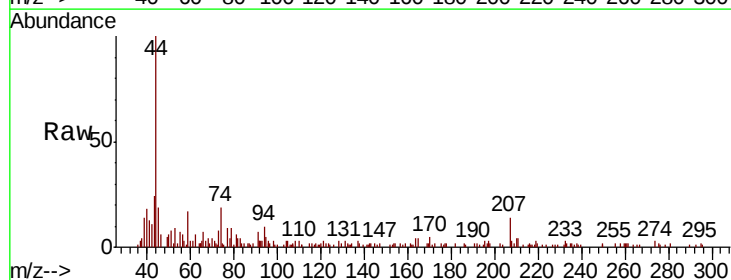
Acq: 20 May 2019 14:33

Tgt Ion: 74 Resp: 3430

Ion Ratio Lower Upper

74 100

45 102.0 57.0 170.8



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0

1.72

2000

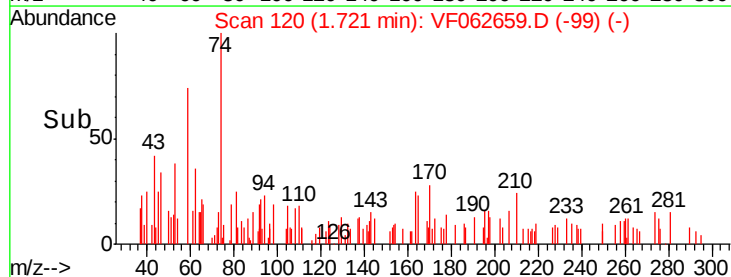
1500

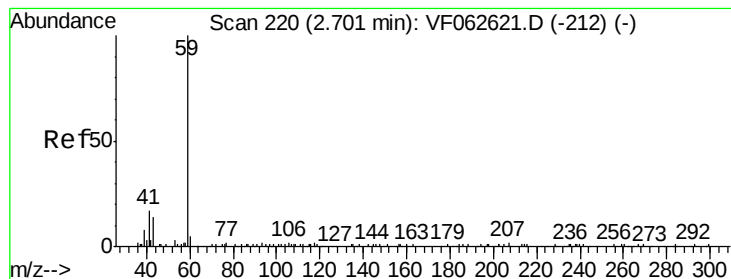
1000

500

0

Time-->



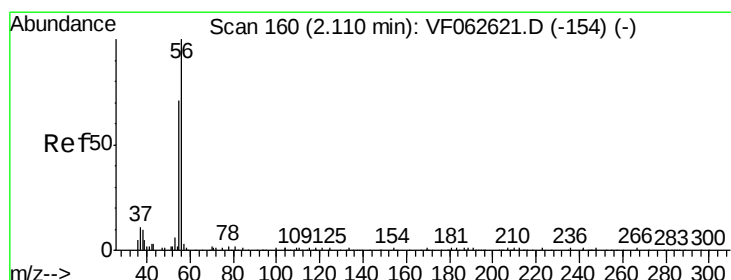
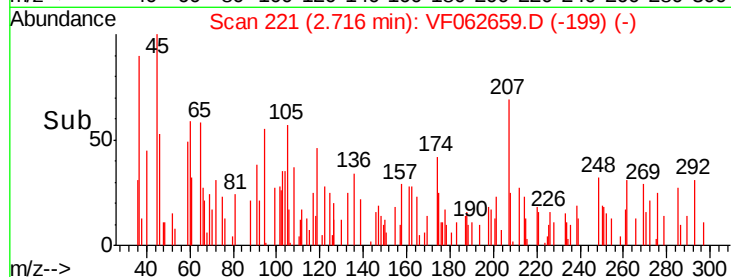
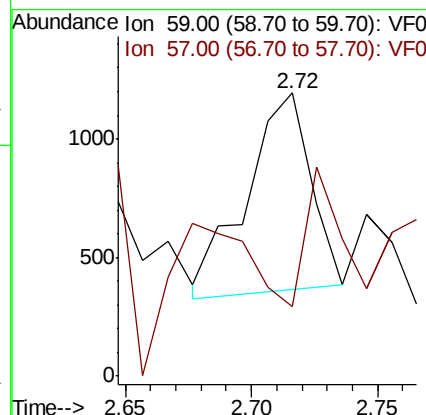
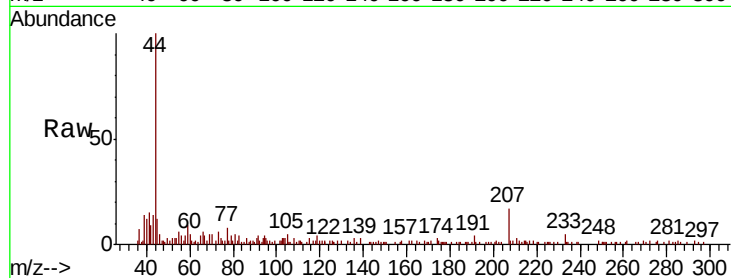


#11

Tert butyl alcohol
Concen: 3.642 ug/l
RT: 2.72 min Scan# 221
Delta R.T. 0.01 min
Lab File: VF062659.D
Acq: 20 May 2019 14:33

Instrument :
MSVOA_F
ClientSampleId :
TR-05-051619RE

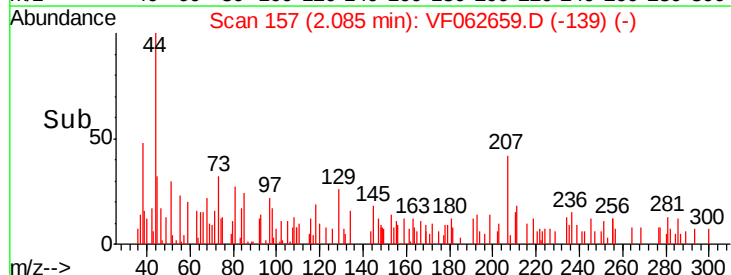
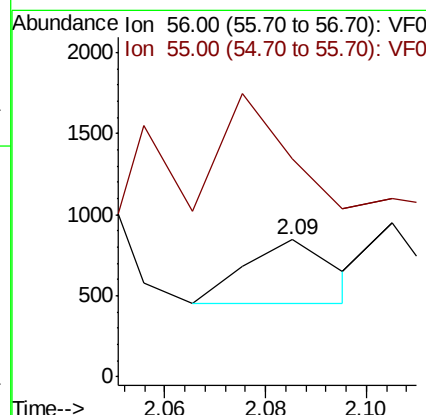
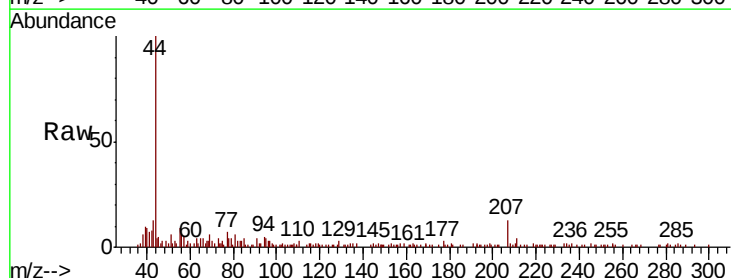
Tot Ion: 59 Resp: 1496
Ion Ratio Lower Upper
59 100
57 24.7 9.3 13.9#

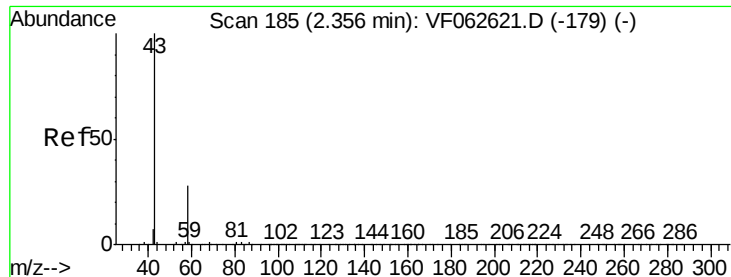


#13

Acrolein
Concen: 1.119 ug/l
RT: 2.09 min Scan# 157
Delta R.T. -0.02 min
Lab File: VF062659.D
Acq: 20 May 2019 14:33

Tgt Ion: 56 Resp: 480
Ion Ratio Lower Upper
56 100
55 159.7 59.4 89.0#





#16

Acetone

Concen: 21.490 ug/l

RT: 2.36 min Scan# 185

Delta R.T. 0.00 min

Lab File: VF062659.D

Acq: 20 May 2019 14:33

Instrument :

MSVOA_F

ClientSampleId :

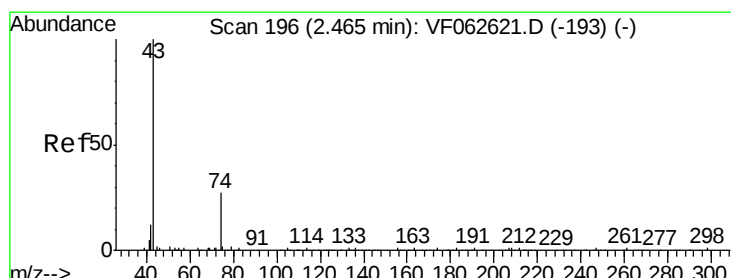
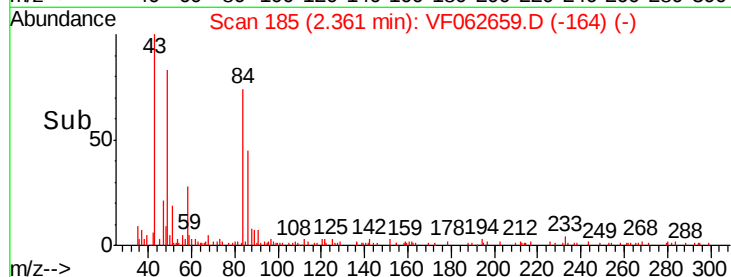
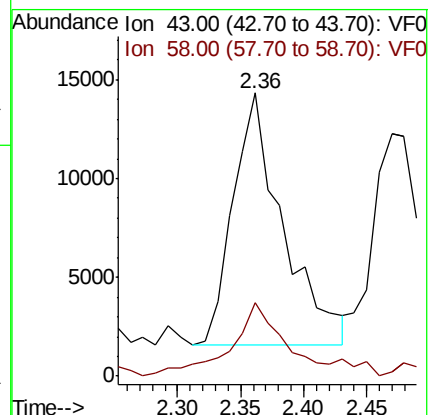
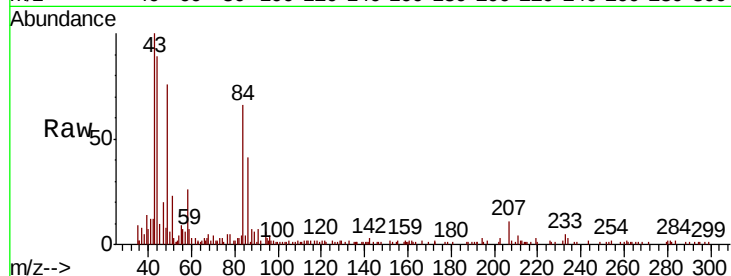
TR-05-051619RE

Tot Ion: 43 Resp: 34690

Ion Ratio Lower Upper

43 100

58 26.1 22.6 33.8



#18

Methyl Acetate

Concen: 12.796 ug/l

RT: 2.47 min Scan# 196

Delta R.T. 0.00 min

Lab File: VF062659.D

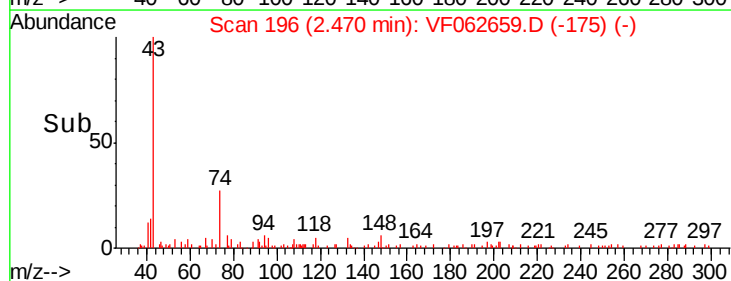
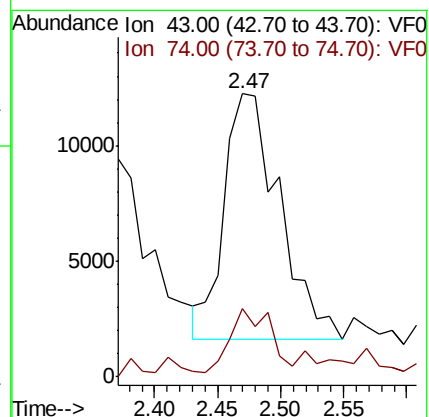
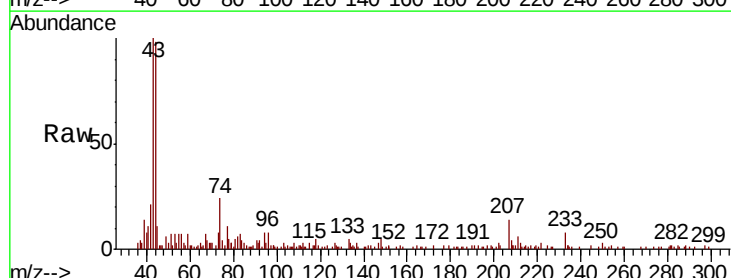
Acq: 20 May 2019 14:33

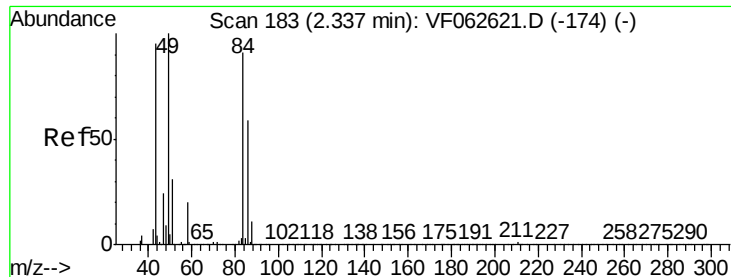
Tgt Ion: 43 Resp: 32459

Ion Ratio Lower Upper

43 100

74 24.4 18.9 28.3

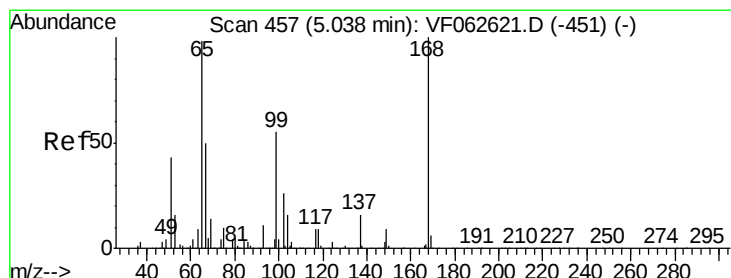
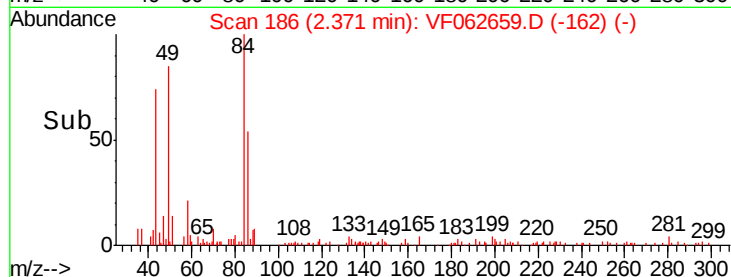
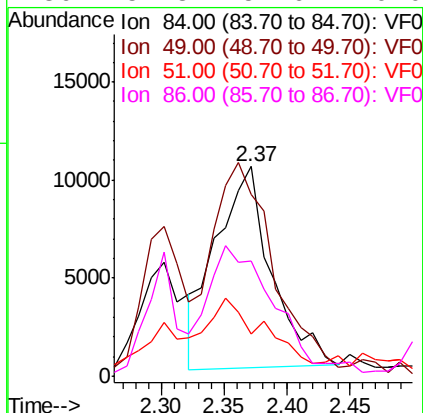
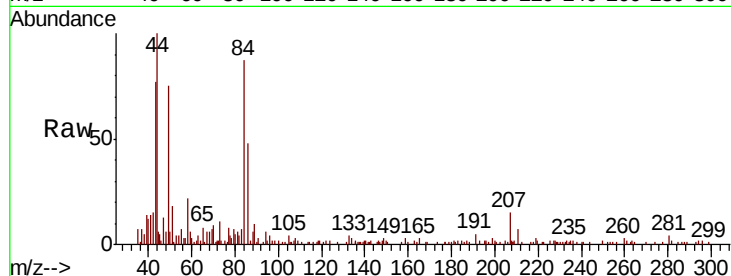




#20
Methvlene Chloride
Concen: 3.881 ug/l
RT: 2.37 min Scan# 186
Delta R.T. 0.03 min
Lab File: VF062659.D
Acq: 20 May 2019 14:33

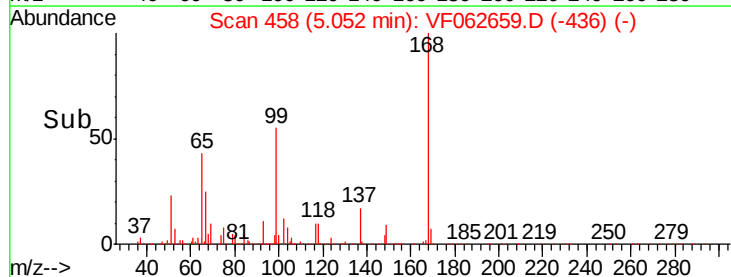
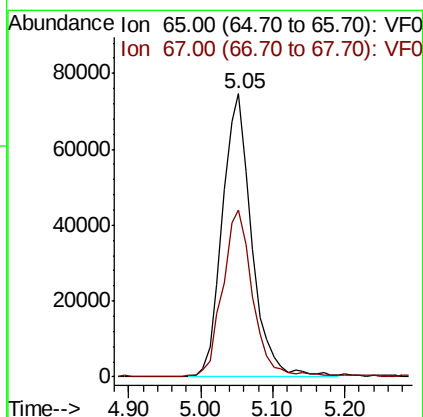
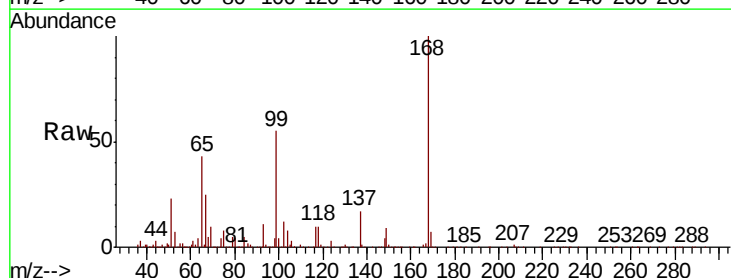
Instrument :
MSVOA_F
ClientSampleId :
TR-05-051619RE

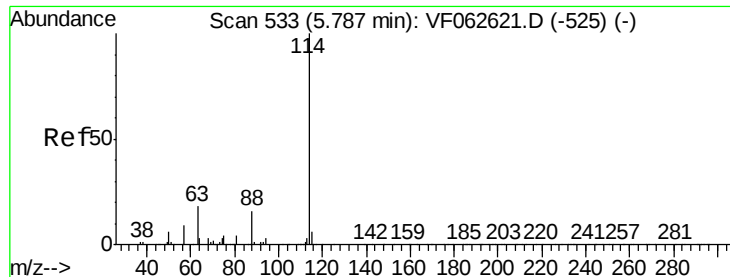
Tot Ion: 84 Resp: 31406
Ion Ratio Lower Upper
84 100
49 86.4 89.8 134.8#
51 20.2 28.4 42.6#
86 54.8 52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 33.854 ug/l
RT: 5.05 min Scan# 458
Delta R.T. 0.01 min
Lab File: VF062659.D
Acq: 20 May 2019 14:33

Tgt Ion: 65 Resp: 210648
Ion Ratio Lower Upper
65 100
67 58.9 0.0 117.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 533

Delta R.T. 0.00 min

Lab File: VF062659.D

Acq: 20 May 2019 14:33

Instrument :

MSVOA_F

ClientSampleId :

TR-05-051619RE

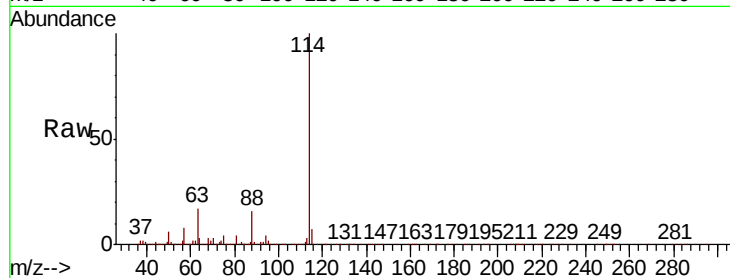
Tot Ion:114 Resp: 1417710

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.4

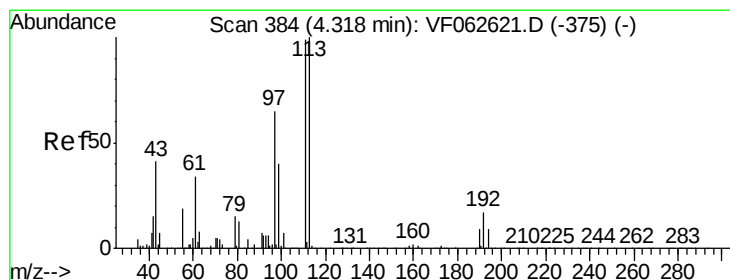
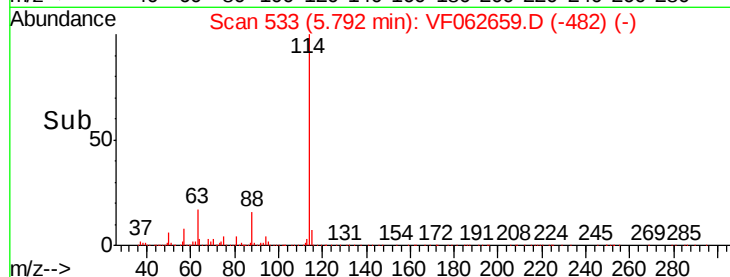
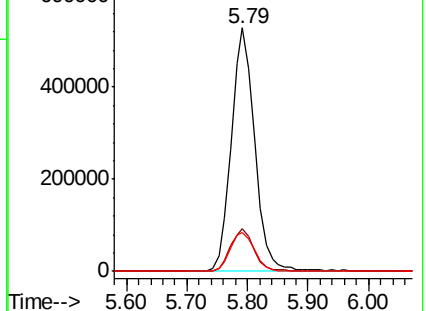
88 16.2 0.0 32.4



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: 35.245 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.00 min

Lab File: VF062659.D

Acq: 20 May 2019 14:33

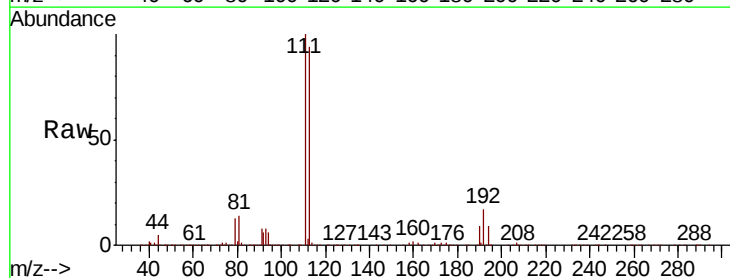
Tgt Ion:113 Resp: 382355

Ion Ratio Lower Upper

113 100

111 106.8 79.4 119.2

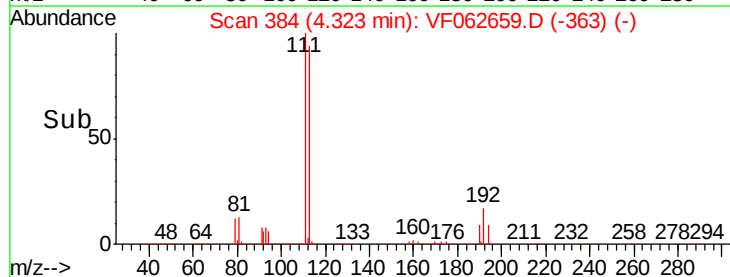
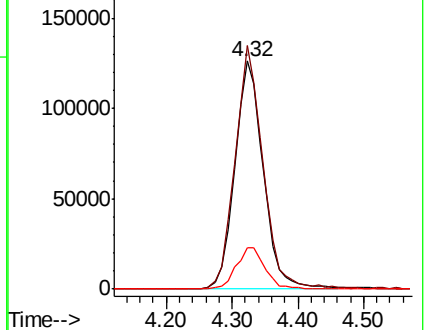
192 18.0 13.4 20.2

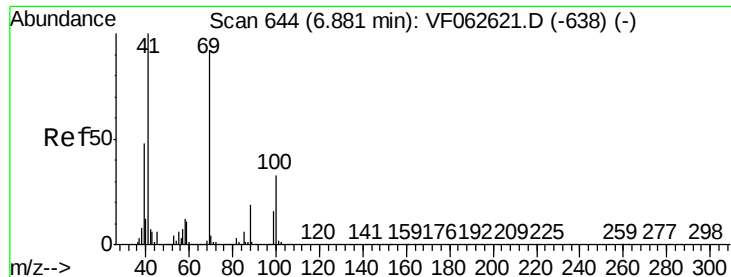


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

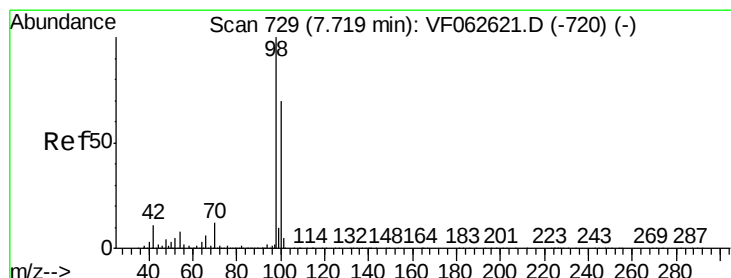
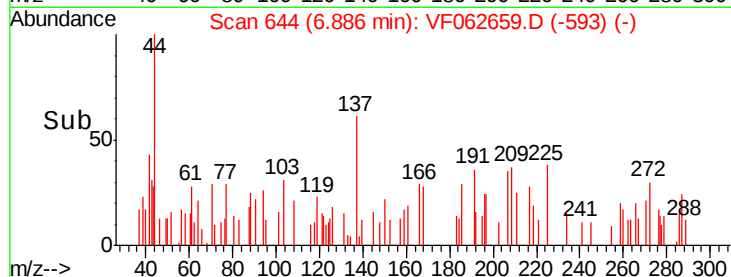
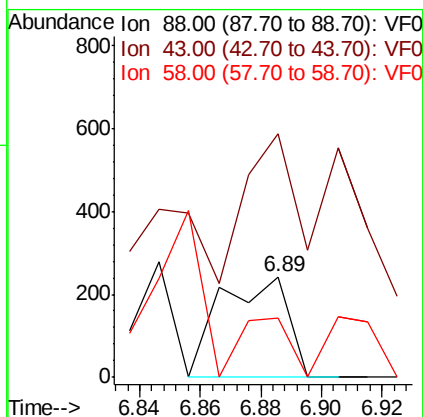
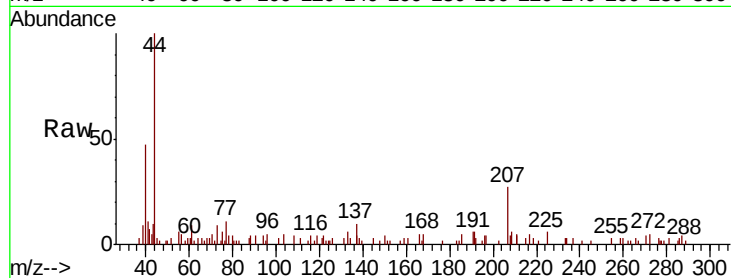




#49
1,4-Dioxane
Concen: 7.367 ug/l
RT: 6.89 min Scan# 644
Delta R.T. 0.00 min
Lab File: VF062659.D
Acq: 20 May 2019 14:33

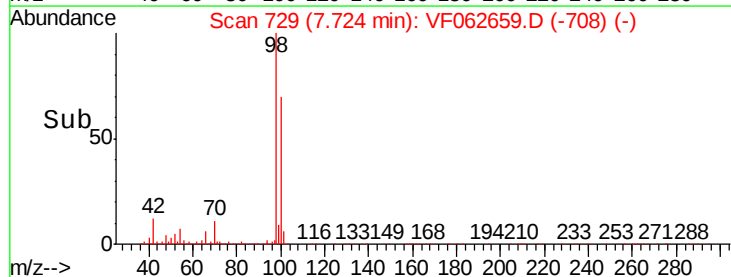
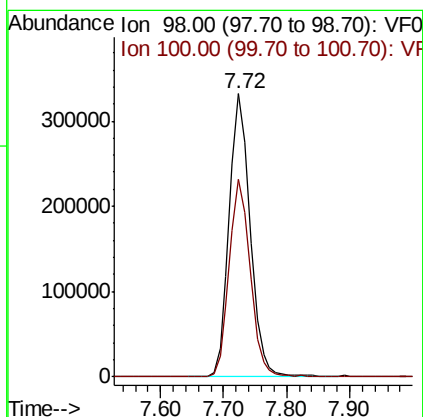
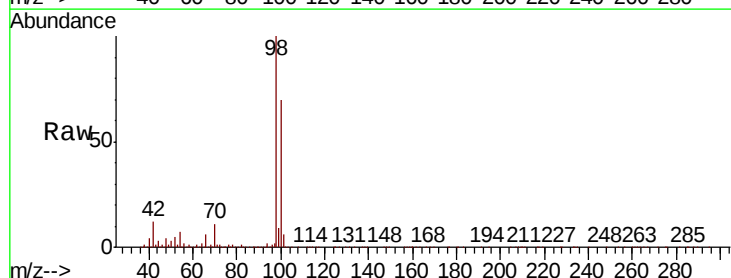
Instrument :
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TR-05-051619RE

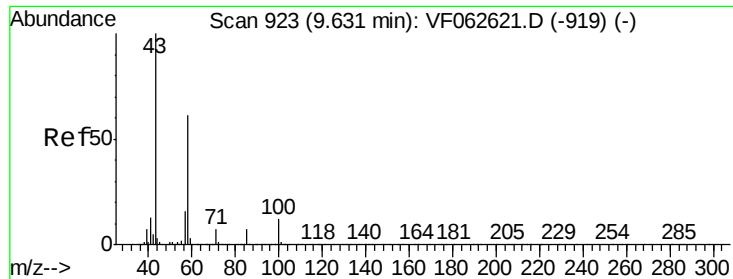
Tot Ion: 88 Resp: 379
Ion Ratio Lower Upper
88 100
43 243.0 30.0 45.0#
58 59.1 51.1 76.7



#50
Toluene-d8
Concen: 29.610 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.00 min
Lab File: VF062659.D
Acq: 20 May 2019 14:33

Tgt Ion: 98 Resp: 766959
Ion Ratio Lower Upper
98 100
100 69.8 56.2 84.2

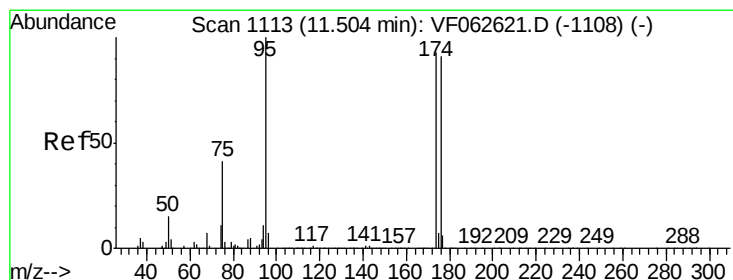
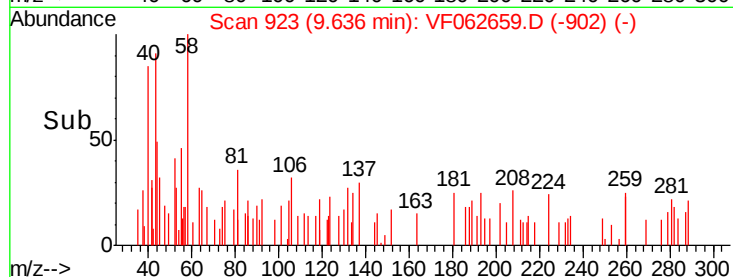
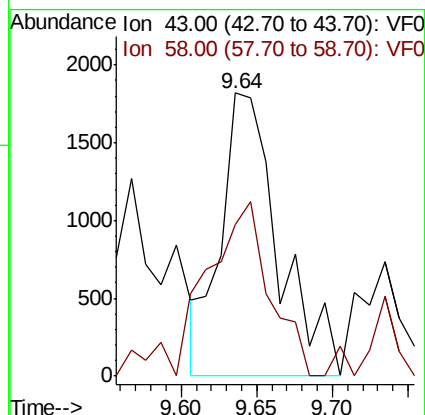
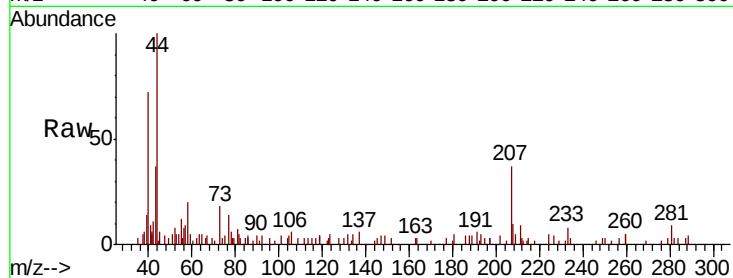




#59
2-Hexanone
Concen: Below Cal
RT: 9.64 min Scan# 923
Delta R.T. 0.00 min
Lab File: VF062659.D
Acq: 20 May 2019 14:33

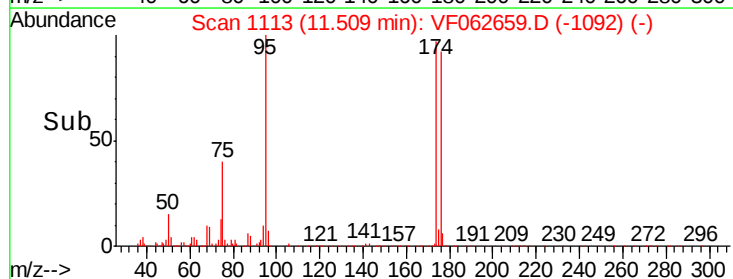
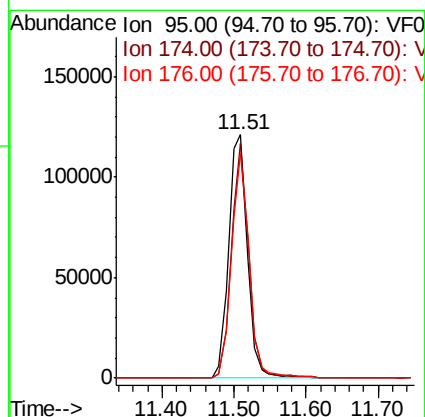
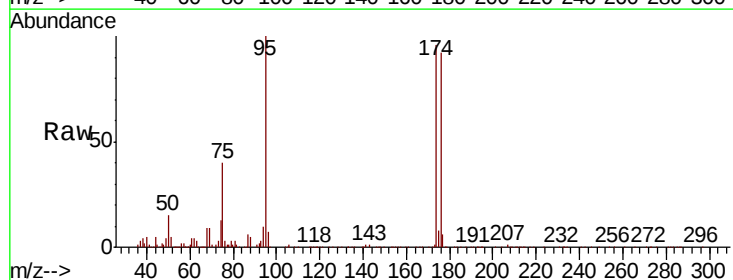
Instrument :
MSVOA_F
ClientSampleId :
TR-05-051619RE

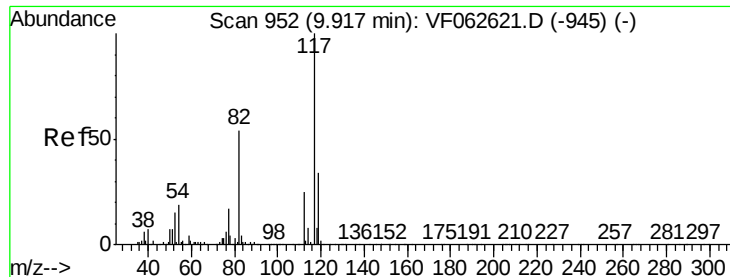
Tot Ion: 43 Resp: 4849
Ion Ratio Lower Upper
43 100
58 53.3 28.1 84.4



#62
4-Bromofluorobenzene
Concen: 22.319 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VF062659.D
Acq: 20 May 2019 14:33

Tgt Ion: 95 Resp: 219253
Ion Ratio Lower Upper
95 100
174 96.4 0.0 185.6
176 92.3 0.0 182.4

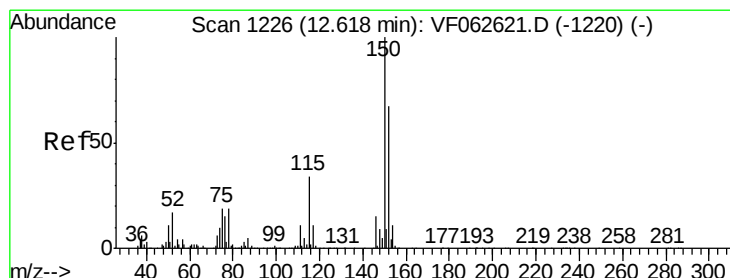
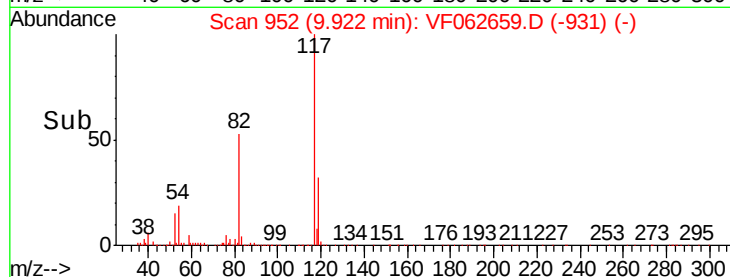
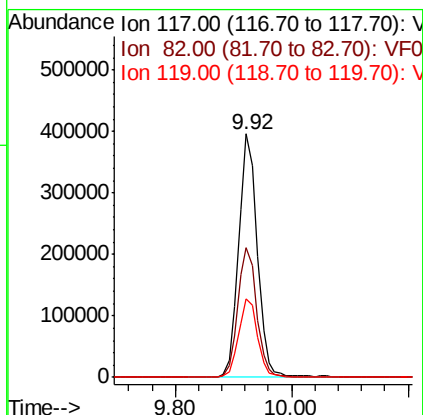
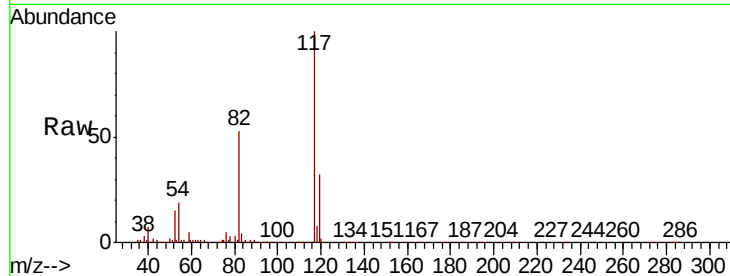




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF062659.D
Acq: 20 May 2019 14:33

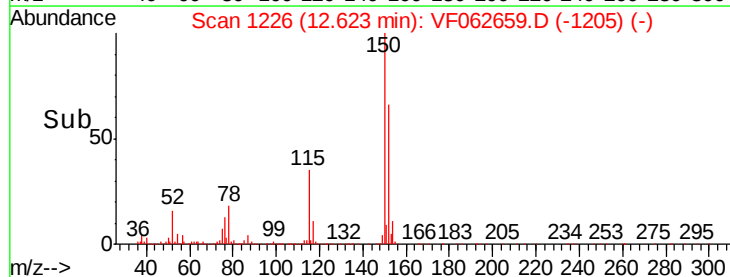
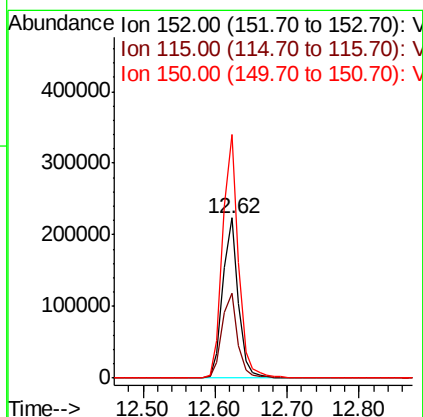
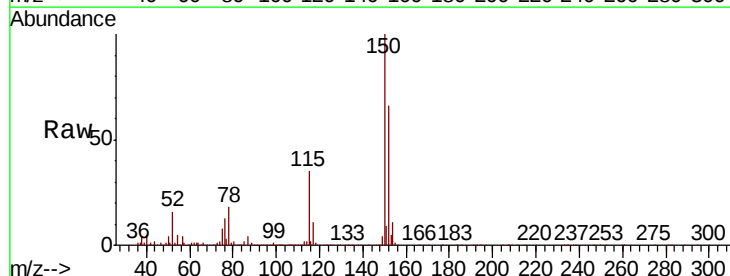
Instrument :
MSVOA_F
ClientSampleId :
TR-05-051619RE

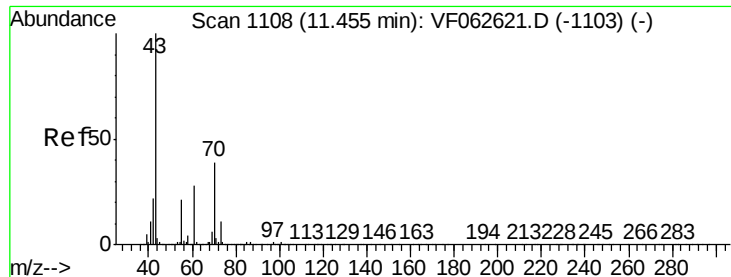
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.3	64.9
119	32.5	27.4	41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062659.D
Acq: 20 May 2019 14:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.0	25.2	75.6
150	152.1	0.0	306.2





#74

N-amvl acetate

Concen: Below Cal

RT: 11.47 min Scan# 1109

Delta R.T. 0.02 min

Lab File: VF062659.D

Acq: 20 May 2019 14:33

Instrument :

MSVOA_F

ClientSampleId :

TR-05-051619RE

Tot Ion: 43 Resp: 1999

Ion Ratio Lower Upper

43 100

70 53.7 30.9 46.3#

55 39.4 17.0 25.4#

61 38.2 22.6 34.0#

