

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041919\
 Data File : VF062221.D
 Acq On : 19 Apr 2019 13:26
 Operator : FY/SY
 Sample : K2197-05RE
 Misc : 5.84g/5mL/MSVOA F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-041619-ARE

Quant Time: Apr 19 15:52:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 03:56:19 2019
 Response via : Initial Calibration

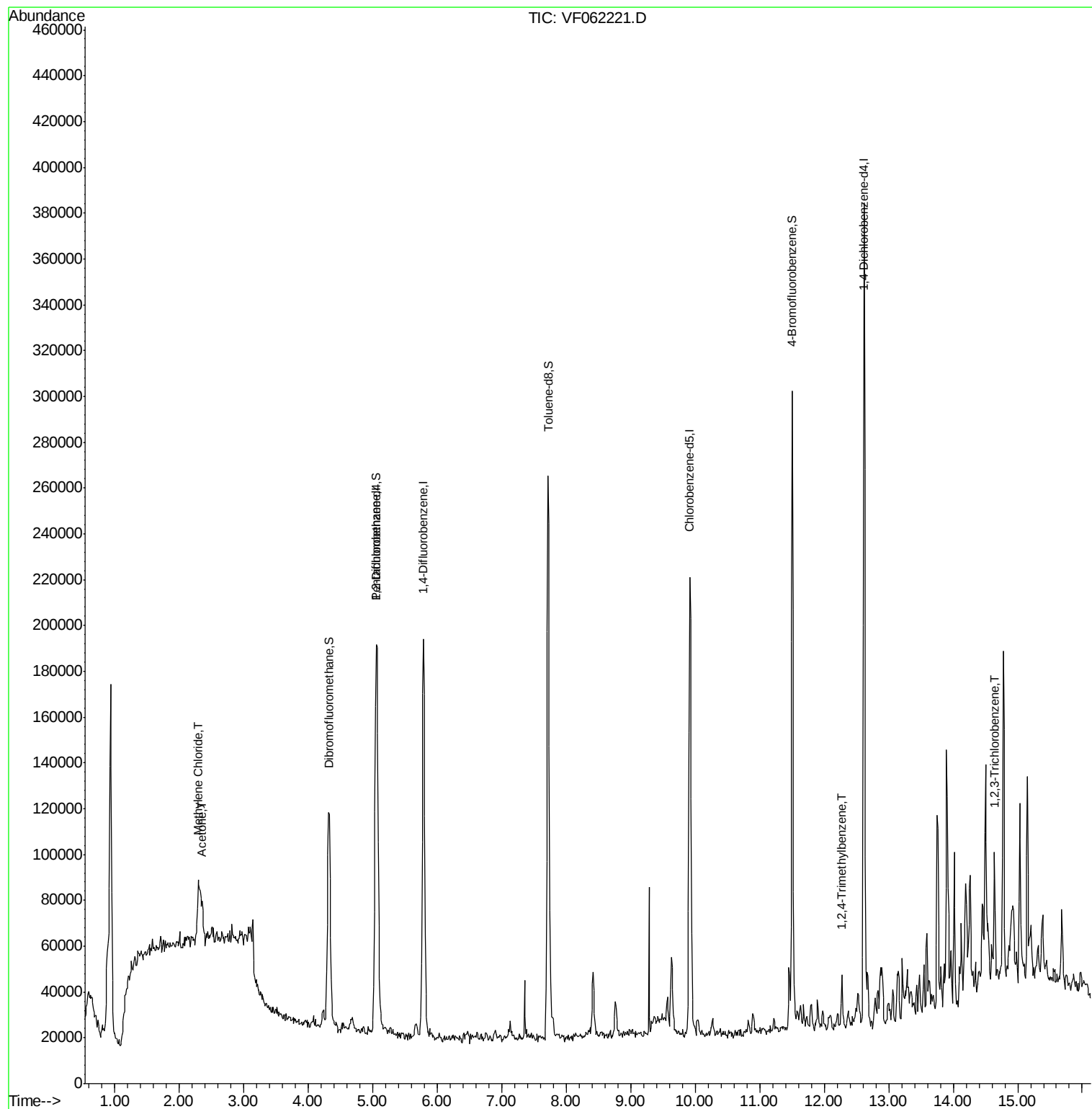
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	146645	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.79	114	208496	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	156254	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	94218	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	64346	47.85	ug/l	0.03
Spiked Amount 50.000			Recovery	=	95.70%	
35) Dibromofluoromethane	4.32	113	88405	48.47	ug/l	0.02
Spiked Amount 50.000			Recovery	=	96.94%	
50) Toluene-d8	7.72	98	223042	48.31	ug/l	0.02
Spiked Amount 50.000			Recovery	=	96.62%	
62) 4-Bromofluorobenzene	11.50	95	101713	57.27	ug/l	0.02
Spiked Amount 50.000			Recovery	=	114.54%	
Target Compounds						
16) Acetone	2.36	43	20800	64.715	ug/l #	83
20) Methylene Chloride	2.30	84	19857	7.222	ug/l #	88
84) 1,2,4-Trimethylbenzene	12.28	105	11428	1.752	ug/l	99
96) 1,2,3-Trichlorobenzene	14.65	180	3807	1.526	ug/l #	67

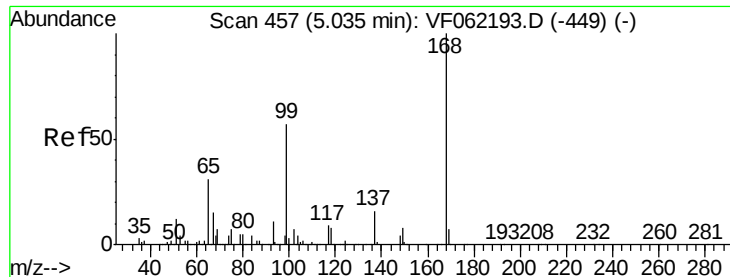
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF041919\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.03 min

Lab File: VF062221.D

Acq: 19 Apr 2019 13:26

Instrument :

MSVOA_F

ClientSampleId :

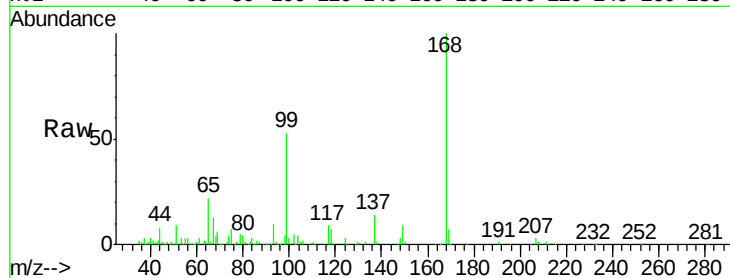
CL-01-041619-ARE

Tot Ion:168 Resp: 146645

Ion Ratio Lower Upper

168 100

99 52.6 45.5 68.3

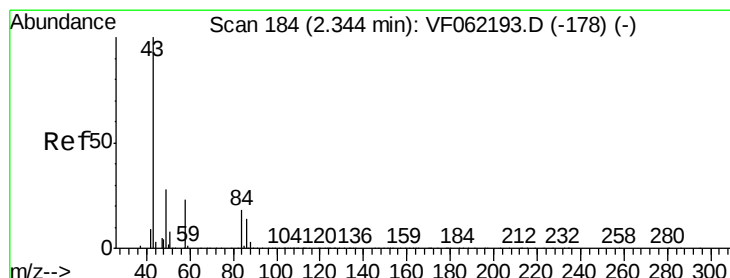
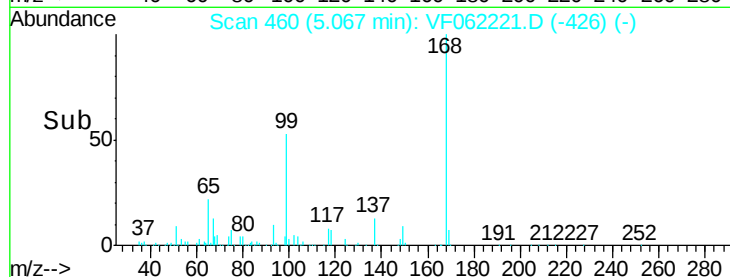


Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.07

Time-->



#16

Acetone

Concen: 64.715 ug/l

RT: 2.36 min Scan# 185

Delta R.T. 0.01 min

Lab File: VF062221.D

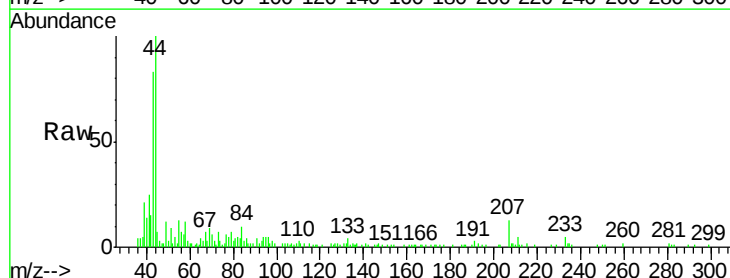
Acq: 19 Apr 2019 13:26

Tgt Ion: 43 Resp: 20800

Ion Ratio Lower Upper

43 100

58 15.4 18.8 28.2#

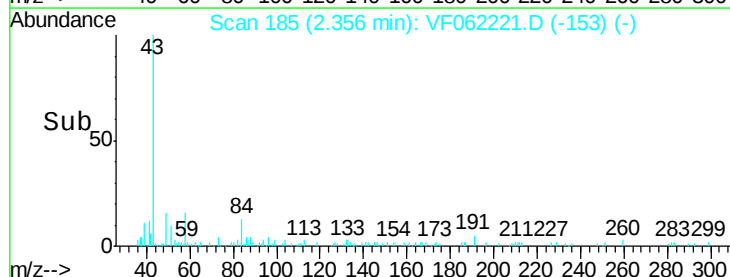


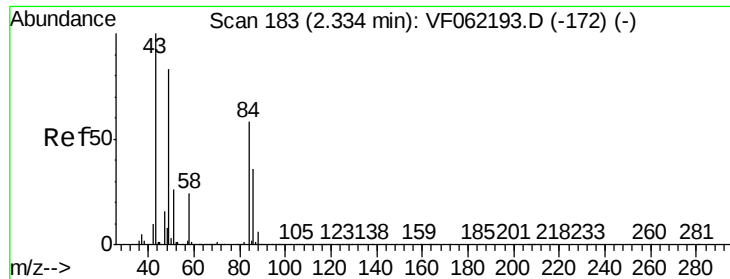
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.36

Time-->

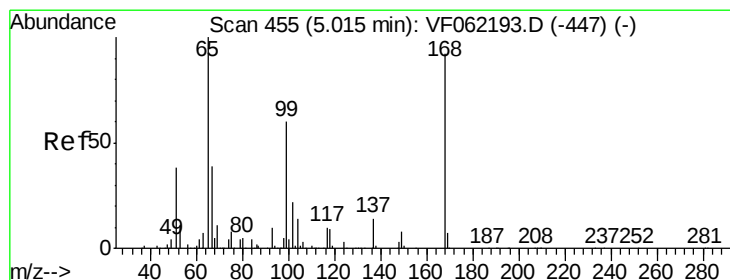
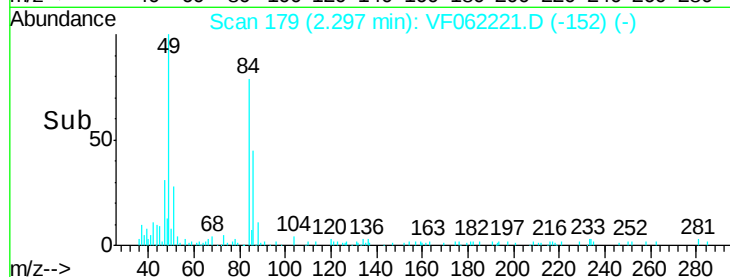
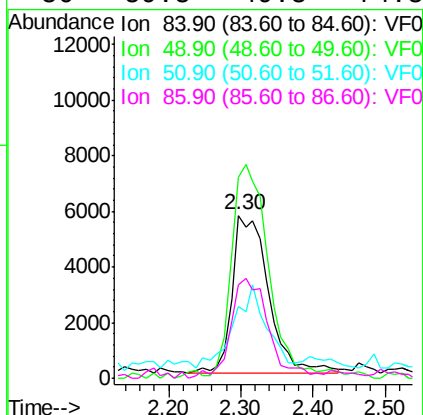
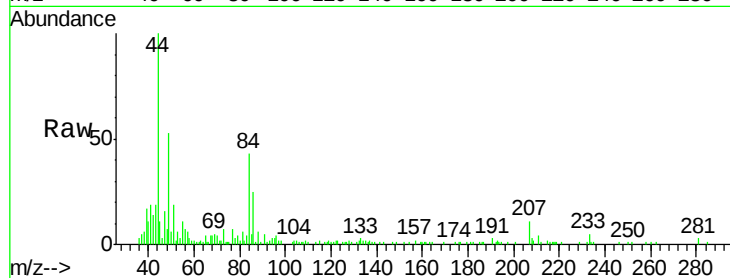




#20
Methvlene Chloride
Concen: 7.222 ug/l
RT: 2.30 min Scan# 179
Delta R.T. -0.04 min
Lab File: VF062221.D
Acq: 19 Apr 2019 13:26

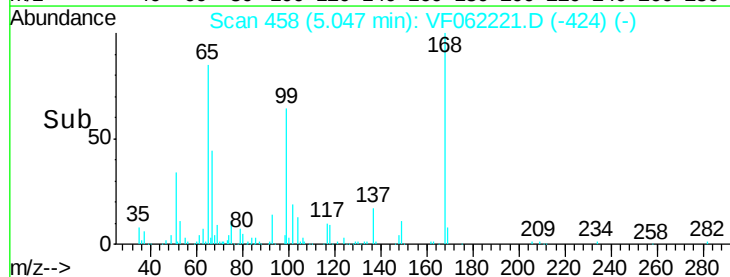
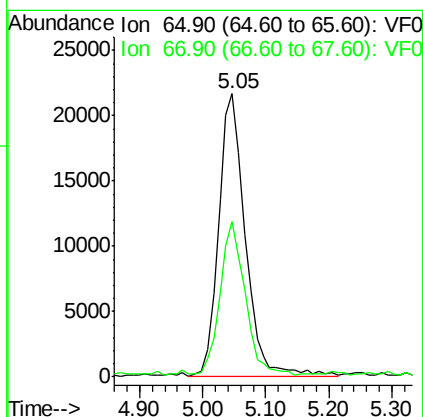
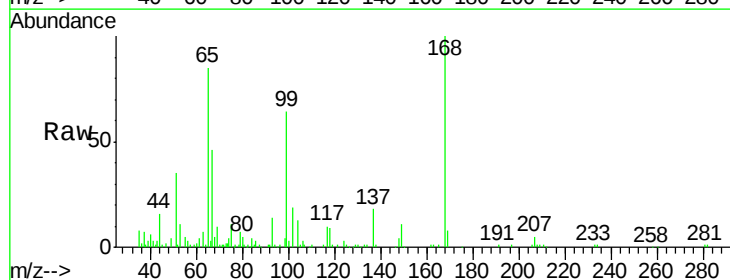
Instrument :
MSVOA_F
ClientSampleId :
CL-01-041619-ARE

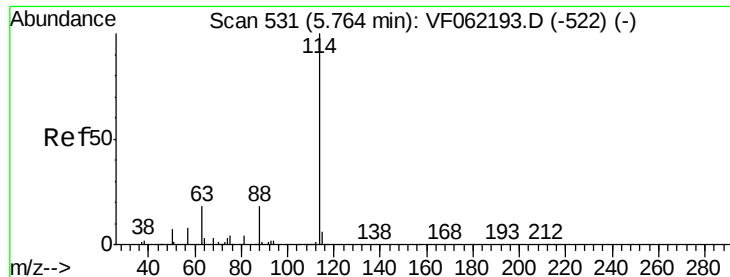
Tot Ion: 84 Resp: 19857
Ion Ratio Lower Upper
84 100
49 123.5 114.0 171.0
51 35.7 37.0 55.4#
86 59.8 49.8 74.8



#33
1,2-Dichloroethane-d4
Concen: 47.853 ug/l
RT: 5.05 min Scan# 458
Delta R.T. 0.03 min
Lab File: VF062221.D
Acq: 19 Apr 2019 13:26

Tgt Ion: 65 Resp: 64346
Ion Ratio Lower Upper
65 100
67 50.3 0.0 109.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 533

Delta R.T. 0.02 min

Lab File: VF062221.D

Acq: 19 Apr 2019 13:26

Instrument :

MSVOA_F

ClientSampleId :

CL-01-041619-ARE

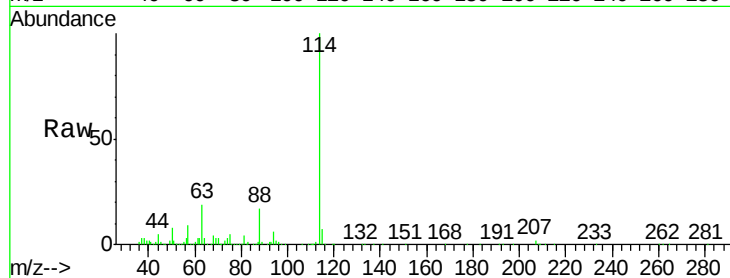
Tot Ion:114 Resp: 208496

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.6

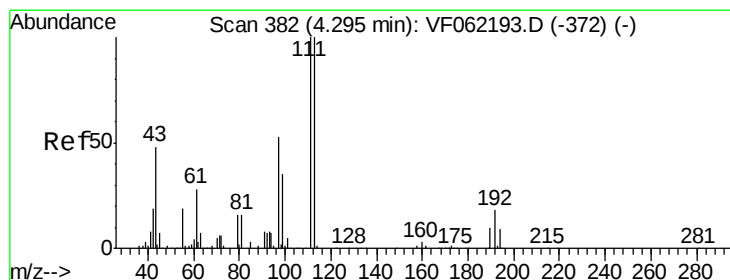
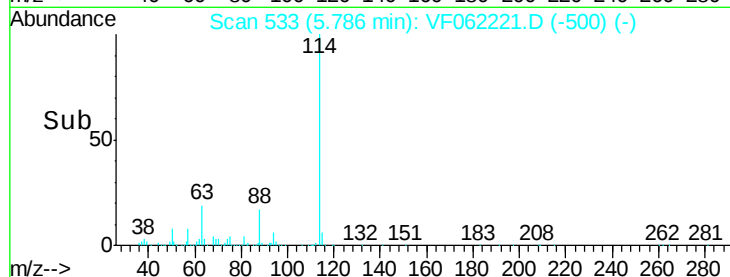
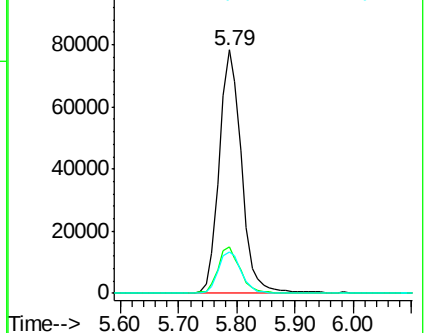
88 17.2 0.0 35.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0



#35

Dibromofluoromethane

Concen: 48.473 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.02 min

Lab File: VF062221.D

Acq: 19 Apr 2019 13:26

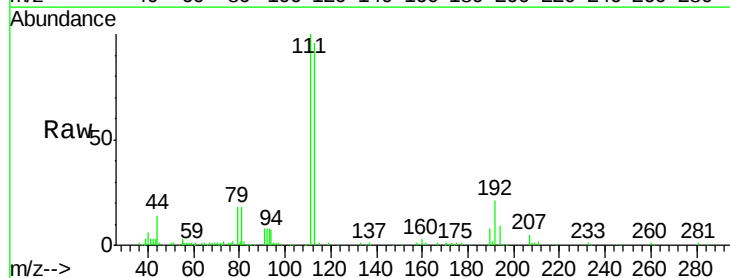
Tgt Ion:113 Resp: 88405

Ion Ratio Lower Upper

113 100

111 104.4 81.1 121.7

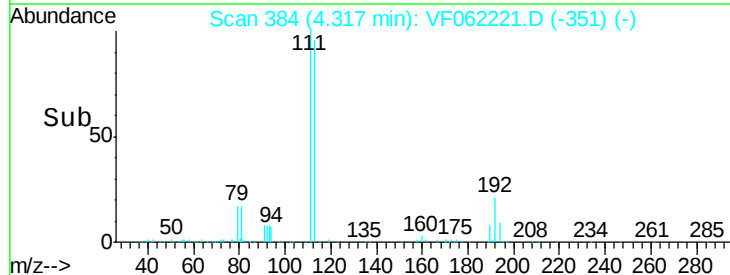
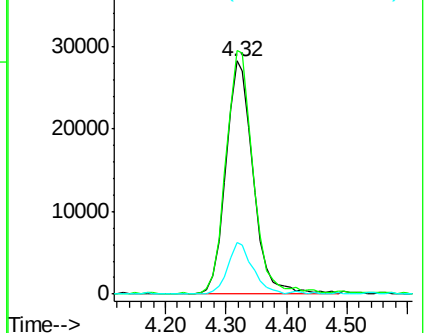
192 20.2 14.7 22.1

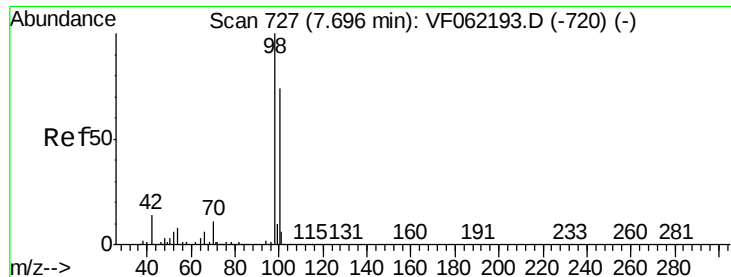


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.312 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.02 min

Lab File: VF062221.D

Acq: 19 Apr 2019 13:26

Instrument :

MSVOA_F

ClientSampleId :

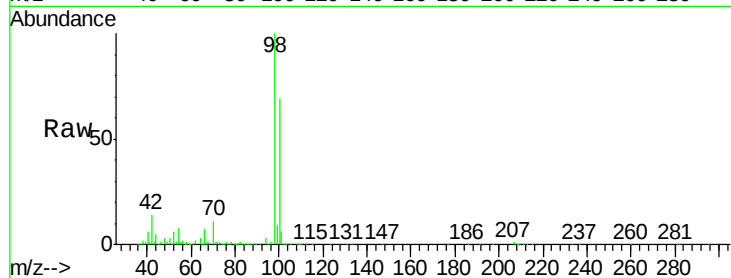
CL-01-041619-ARE

Tot Ion: 98 Resp: 223042

Ion Ratio Lower Upper

98 100

100 67.5 56.2 84.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.72

100000

80000

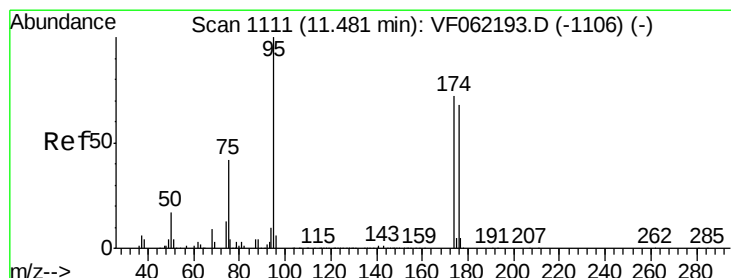
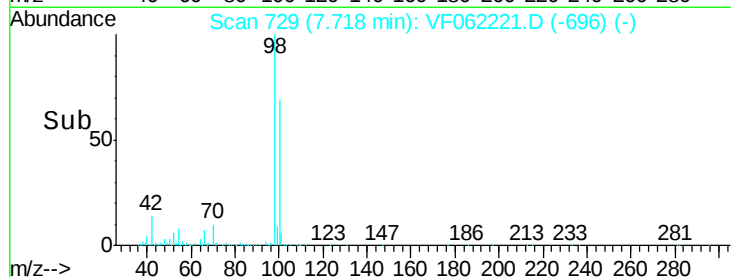
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 57.271 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF062221.D

Acq: 19 Apr 2019 13:26

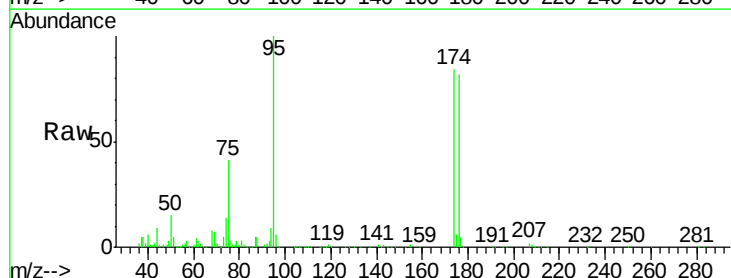
Tgt Ion: 95 Resp: 101713

Ion Ratio Lower Upper

95 100

174 84.4 0.0 159.4

176 83.4 0.0 155.4



Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.50

80000

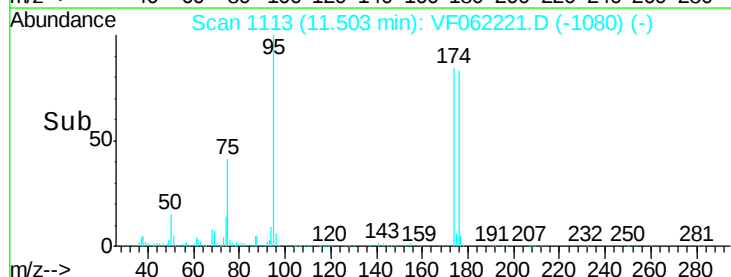
60000

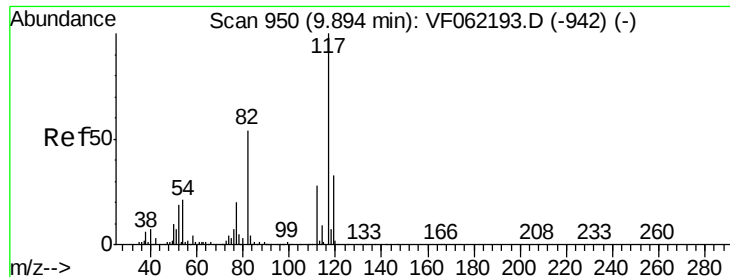
40000

20000

0

Time-->

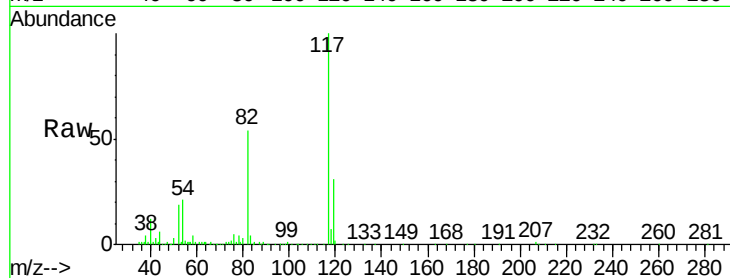




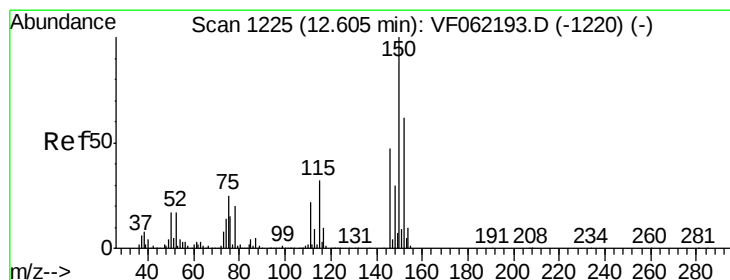
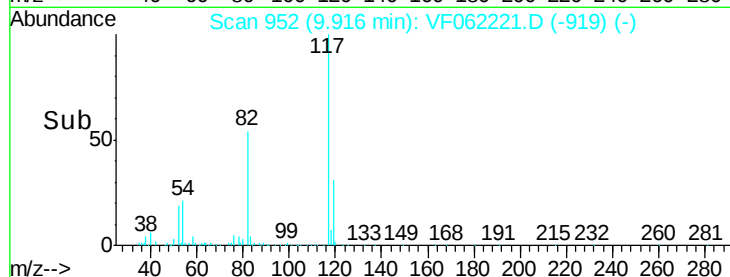
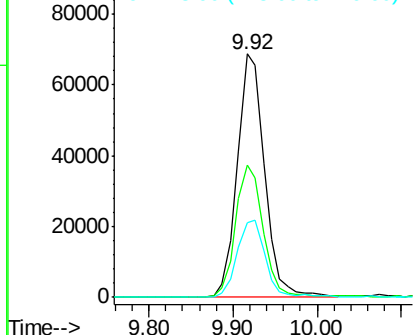
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062221.D
Acq: 19 Apr 2019 13:26

Instrument :
MSVOA_F
ClientSampleId :
CL-01-041619-ARE

Tot Ion:117 Resp: 156254
Ion Ratio Lower Upper
117 100
82 53.8 43.2 64.8
119 30.5 26.2 39.4

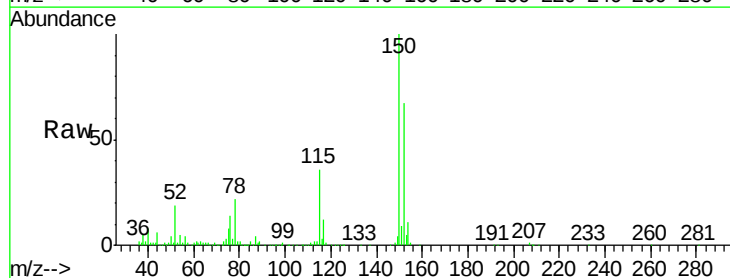


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 118.90 (118.60 to 119.60): V

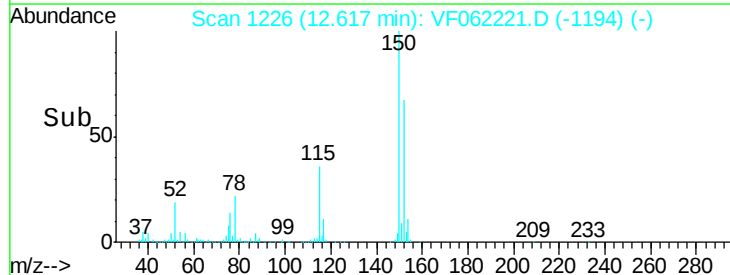
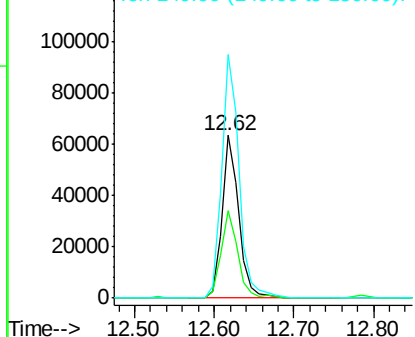


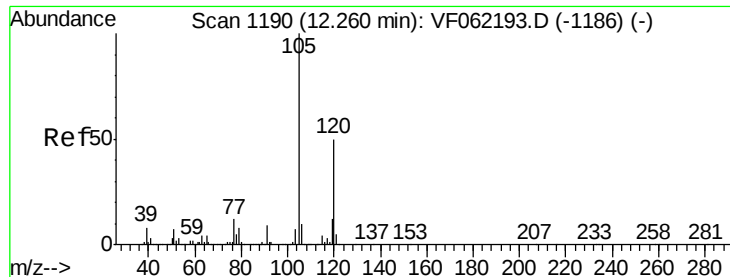
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062221.D
Acq: 19 Apr 2019 13:26

Tgt Ion:152 Resp: 94218
Ion Ratio Lower Upper
152 100
115 54.5 27.8 83.3
150 155.5 0.0 341.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#84

1,2,4-Trimethylbenzene

Concen: 1.752 ug/l

RT: 12.28 min Scan# 1192

Delta R.T. 0.02 min

Lab File: VF062221.D

Acq: 19 Apr 2019 13:26

Instrument :

MSVOA_F

ClientSampleId :

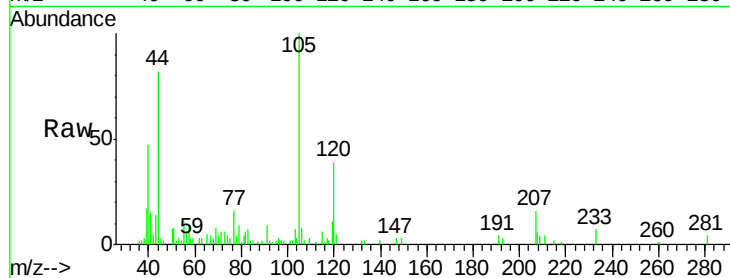
CL-01-041619-ARE

Tot Ion:105 Resp: 11428

Ion Ratio Lower Upper

105 100

120 47.3 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.28

8000

6000

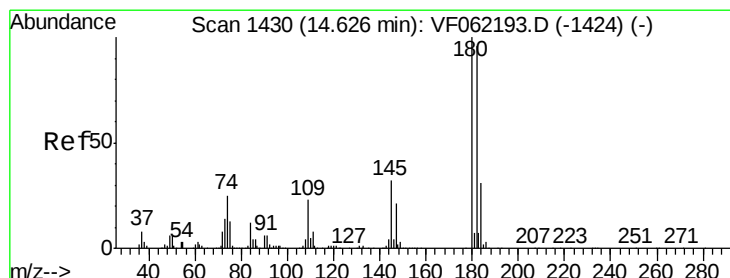
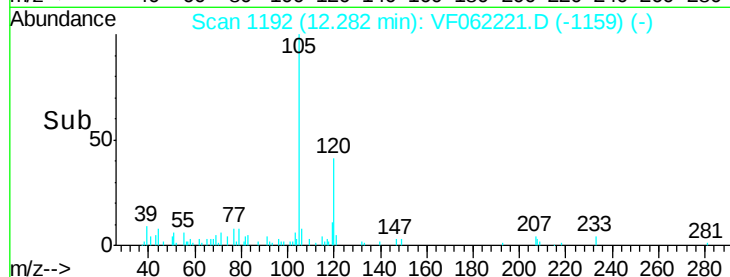
4000

2000

0

Time-->

12.20 12.25 12.30 12.35



#96

1,2,3-Trichlorobenzene

Concen: 1.526 ug/l

RT: 14.65 min Scan# 1432

Delta R.T. 0.02 min

Lab File: VF062221.D

Acq: 19 Apr 2019 13:26

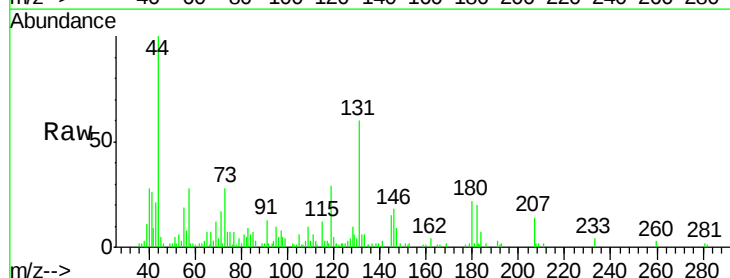
Tgt Ion:180 Resp: 3807

Ion Ratio Lower Upper

180 100

182 75.8 48.4 145.3

145 68.8 15.6 46.8#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

14.65

6000

4000

2000

0

Time-->

14.60 14.70

