

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041819\
 Data File : VF062201.D
 Acq On : 18 Apr 2019 13:20
 Operator : FY/SY
 Sample : K2203-11
 Misc : 6.13g/5mL/MSVOA F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-01-041519-B

Quant Time: Apr 19 02:11:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 07:43:02 2019
 Response via : Initial Calibration

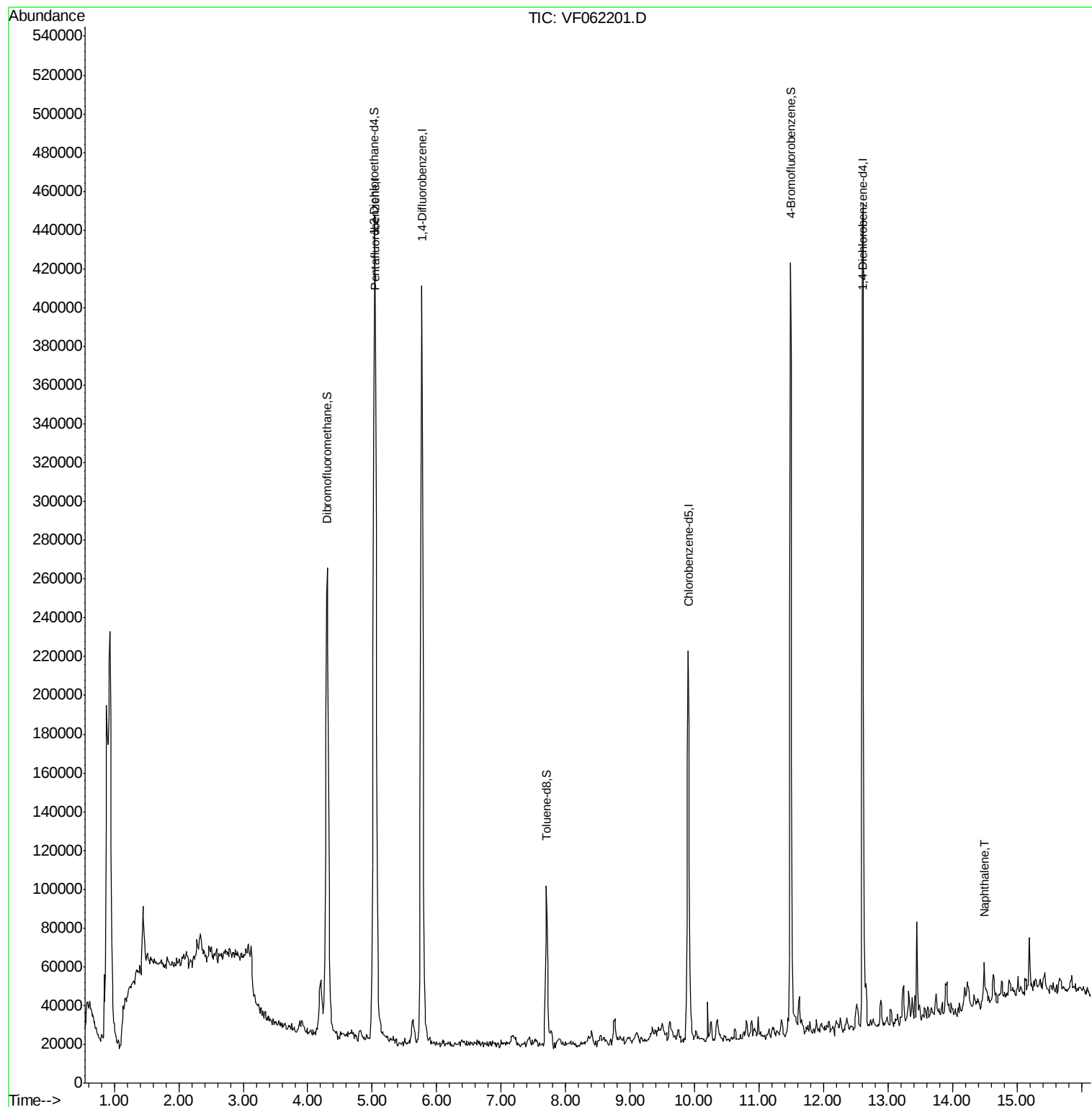
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	333793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	487970	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	146062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	122950	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	183804	60.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.10%	
35) Dibromofluoromethane	4.30	113	241784	56.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.28%	
50) Toluene-d8	7.70	98	65653	6.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	12.16%	
62) 4-Bromofluorobenzene	11.49	95	159336	38.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.66%	
Target Compounds						
95) Naphthalene	14.49	128	11122	1.875	ug/l #	Qvalue 83

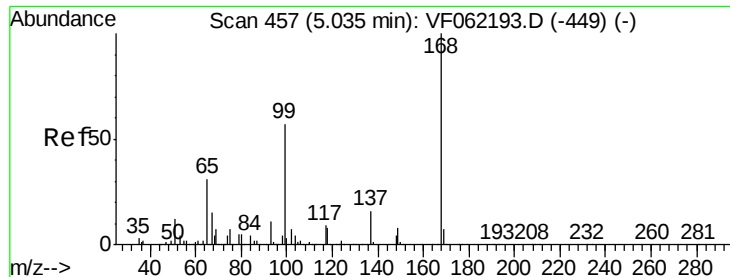
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF062201.D

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ClientSampleId :

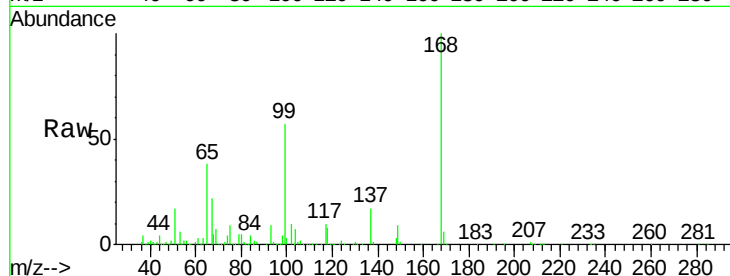
SU-01-041519-B

Tot Ion:168 Resp: 333793

Ion Ratio Lower Upper

168 100

99 56.5 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.04

120000

100000

80000

60000

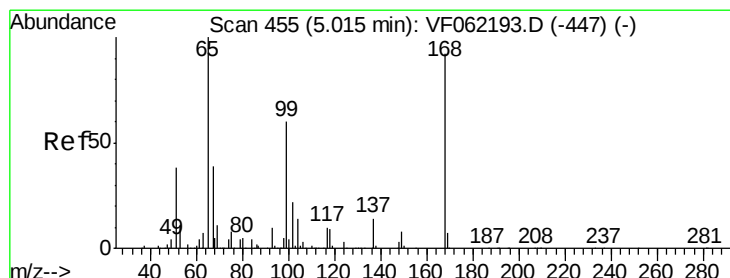
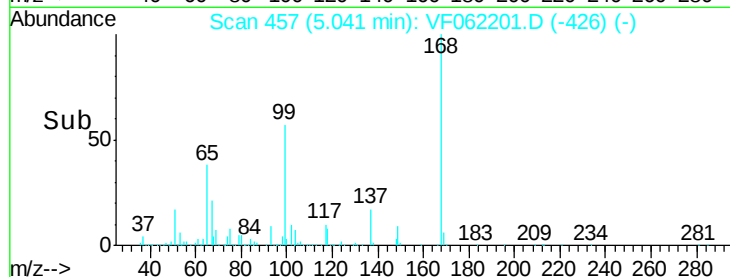
40000

20000

0

5.00 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.053 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.01 min

Lab File: VF062201.D

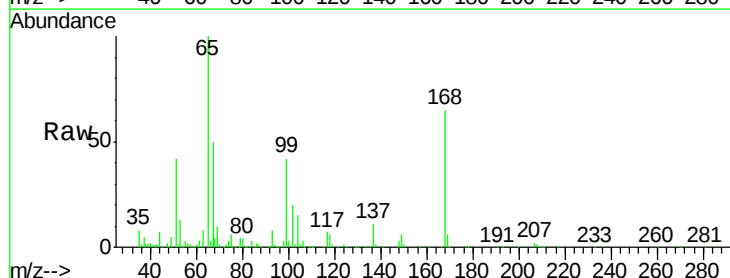
Acq: 18 Apr 2019 13:20

Tgt Ion: 65 Resp: 183804

Ion Ratio Lower Upper

65 100

67 51.1 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.02

60000

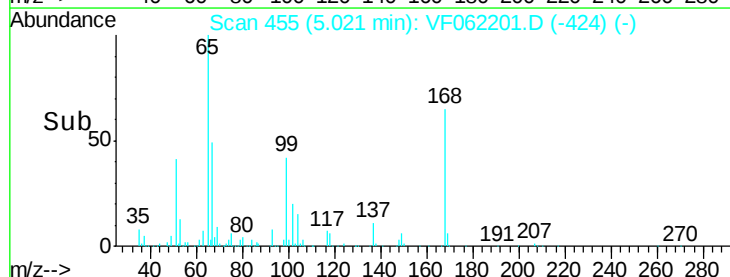
40000

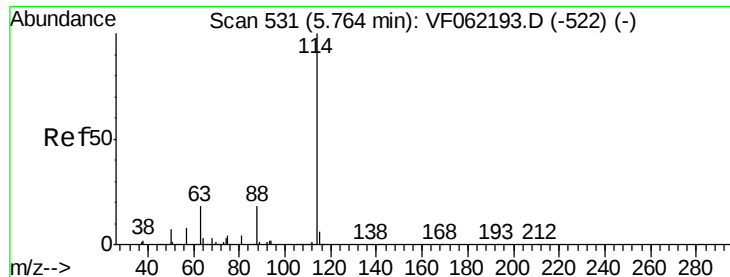
20000

0

4.90 5.10 5.30

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 531

Delta R.T. 0.01 min

Lab File: VF062201.D

Acq: 18 Apr 2019 13:20

Instrument :

MSVOA_F

ClientSampleId :

SU-01-041519-B

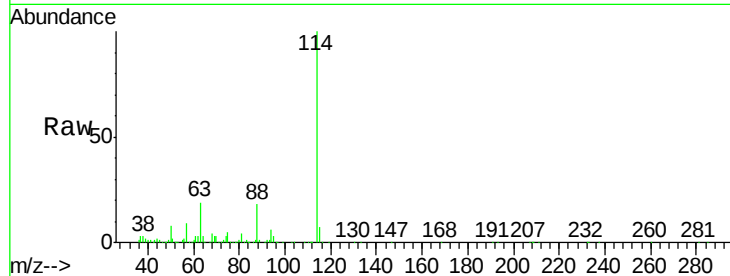
Tot Ion:114 Resp: 487970

Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.6

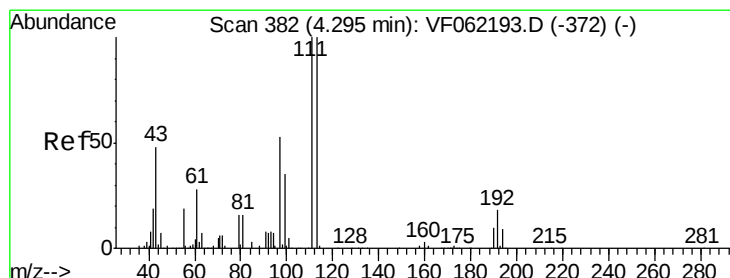
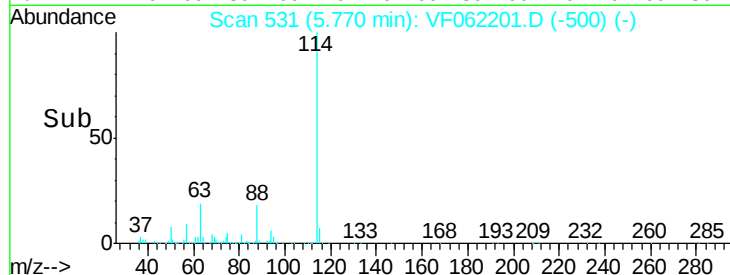
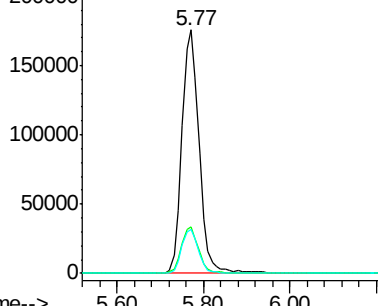
88 18.3 0.0 35.8



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: 56.645 ug/l

RT: 4.30 min Scan# 382

Delta R.T. 0.01 min

Lab File: VF062201.D

Acq: 18 Apr 2019 13:20

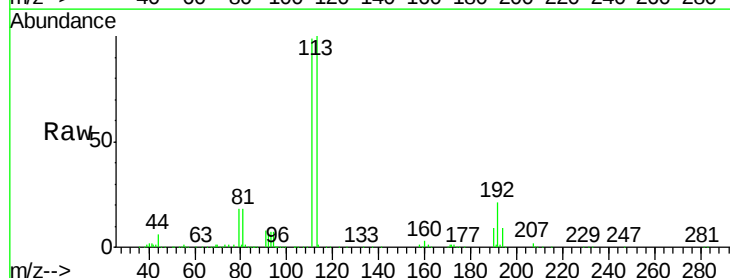
Tgt Ion:113 Resp: 241784

Ion Ratio Lower Upper

113 100

111 101.4 81.1 121.7

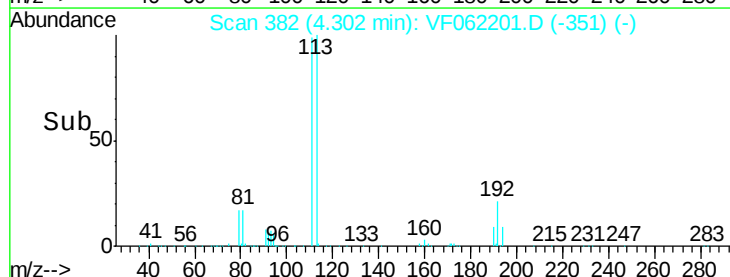
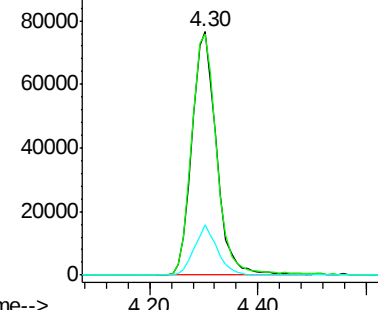
192 19.1 14.7 22.1

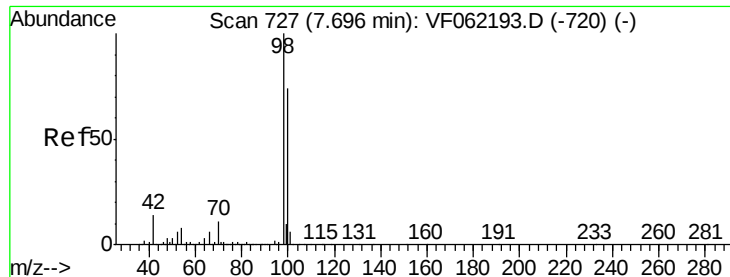


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 6.076 ug/l

RT: 7.70 min Scan# 727

Delta R.T. 0.01 min

Lab File: VF062201.D

Acq: 18 Apr 2019 13:20

Instrument :

MSVOA_F

ClientSampleId :

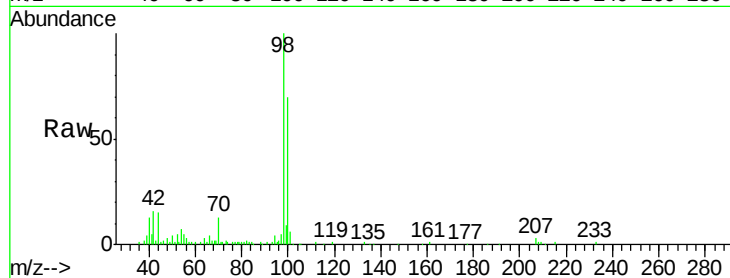
SU-01-041519-B

Tot Ion: 98 Resp: 65653

Ion Ratio Lower Upper

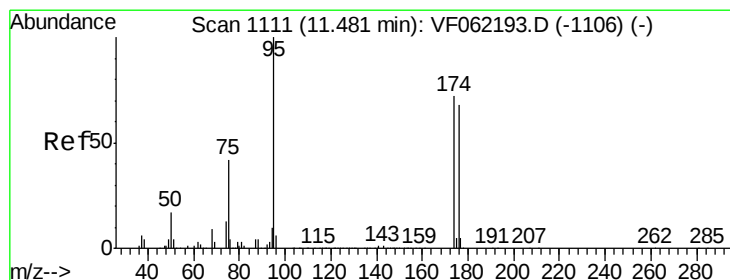
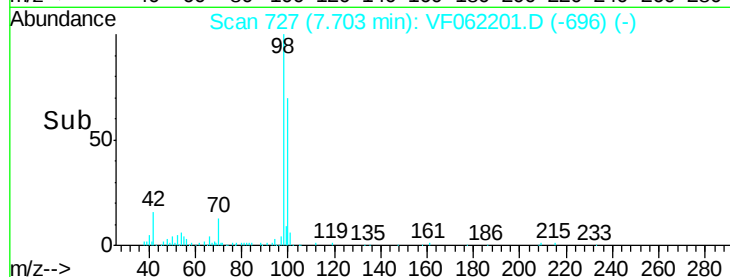
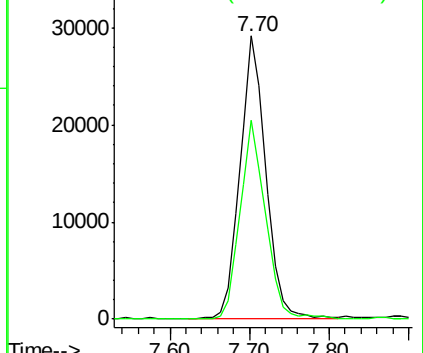
98 100

100 68.8 56.2 84.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



#62

4-Bromofluorobenzene

Concen: 38.333 ug/l

RT: 11.49 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VF062201.D

Acq: 18 Apr 2019 13:20

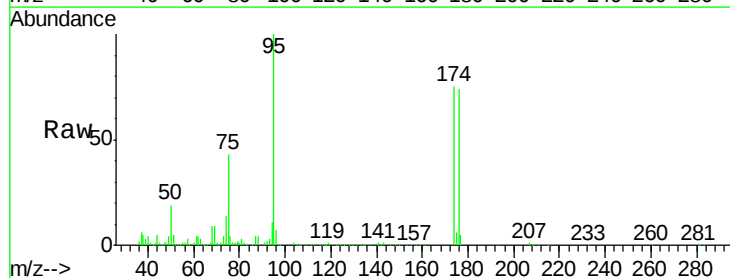
Tgt Ion: 95 Resp: 159336

Ion Ratio Lower Upper

95 100

174 81.2 0.0 159.4

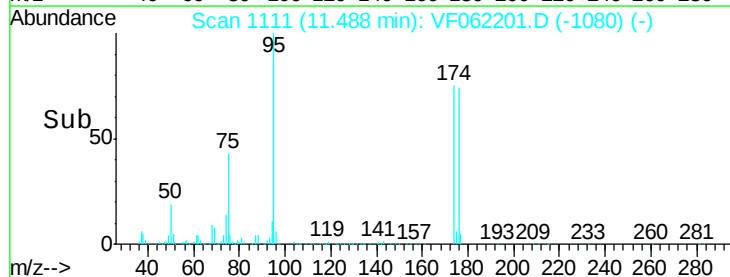
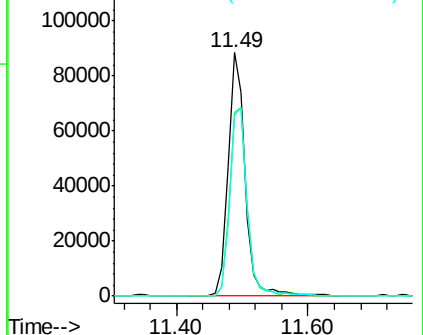
176 79.8 0.0 155.4

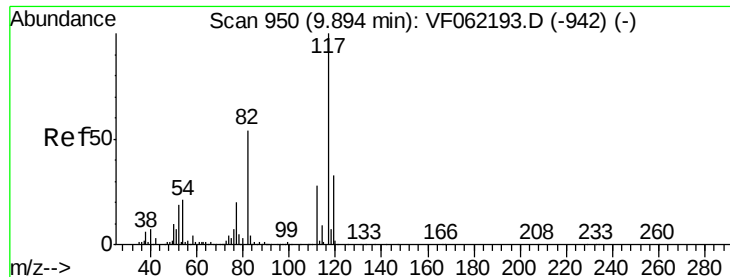


Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

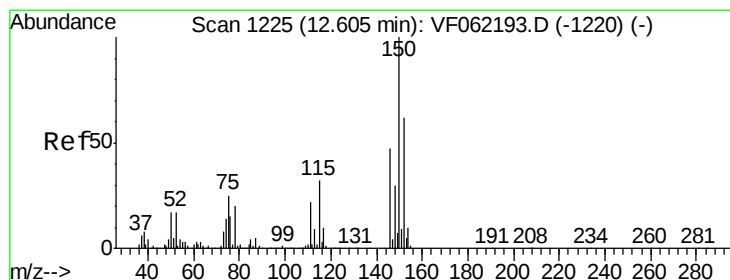
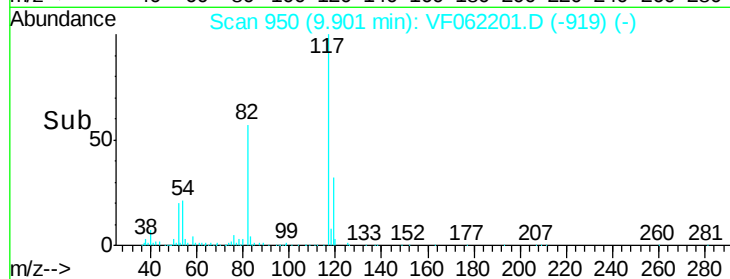
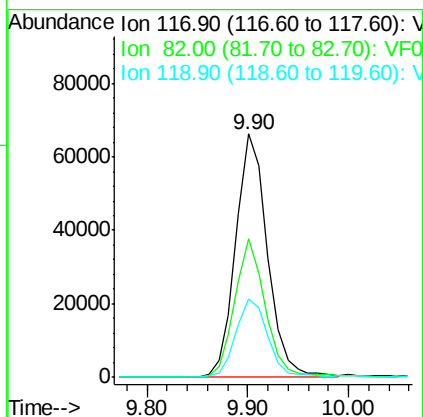
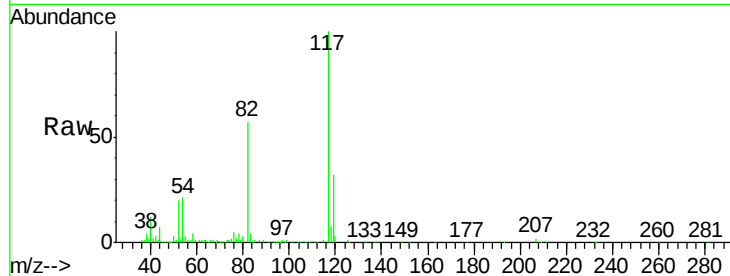




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 950
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

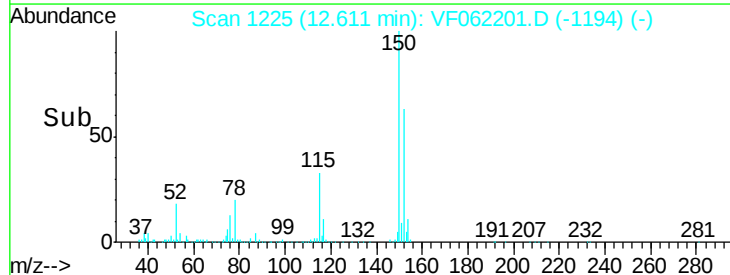
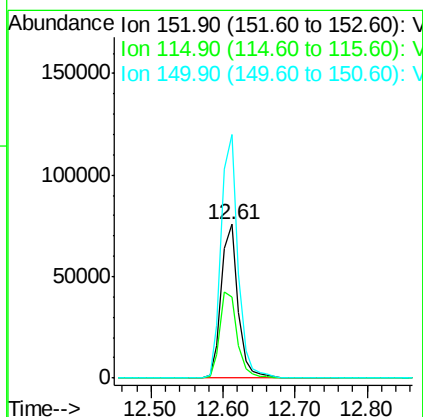
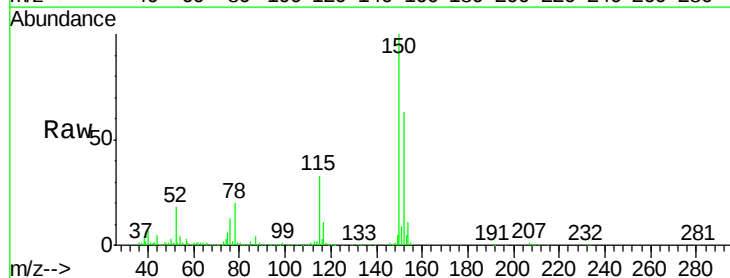
Instrument :
MSVOA_F
ClientSampleId :
SU-01-041519-B

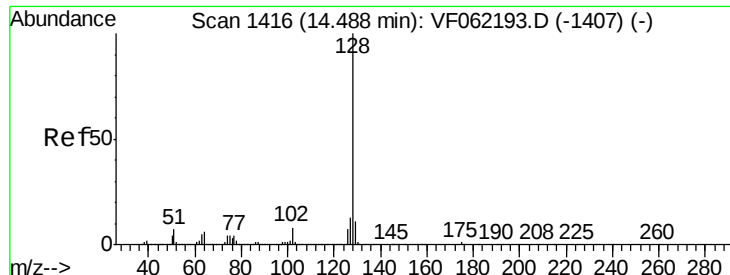
Tot Ion:117 Resp: 146062
Ion Ratio Lower Upper
117 100
82 56.6 43.2 64.8
119 32.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion:152 Resp: 122950
Ion Ratio Lower Upper
152 100
115 58.0 27.8 83.3
150 157.5 0.0 341.8





#95
Naphthalene
Concen: 1.875 ug/l
RT: 14.49 min Scan# 1416
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :
SU-01-041519-B

Tot Ion:128 Resp: 11122
Ion Ratio Lower Upper
128 100
127 15.1 10.4 15.6
129 23.2 9.2 13.8#

