

Data File : VF062466.D
Acq On : 11 May 2019 18:04
Operator : FY/SY
Sample : K2734-14
Misc : 5.35g/5mL/MSVOA_F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-1218-01

Quant Time: May 12 04:33:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

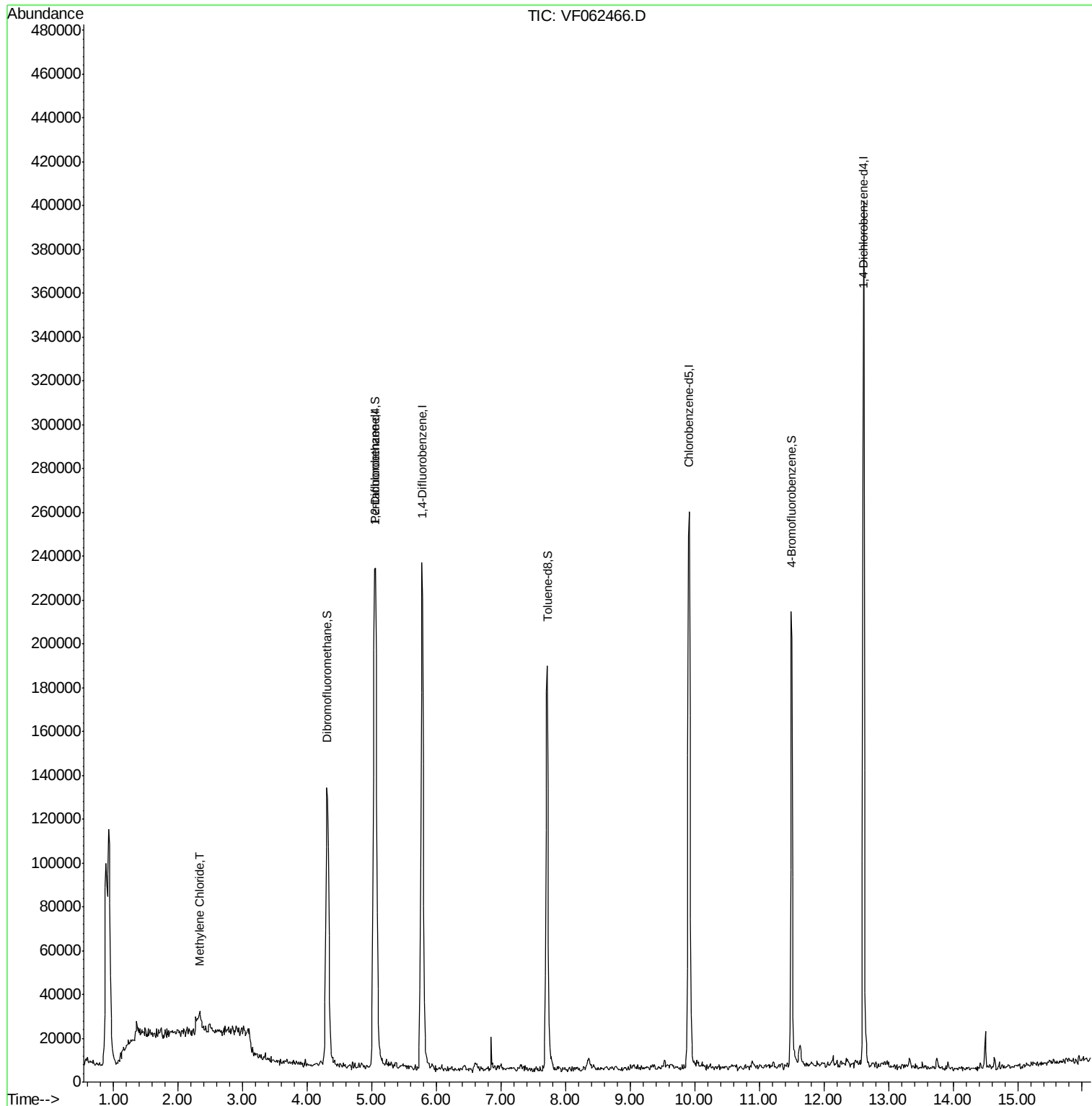
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	180179	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.78	114	251505	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	187183	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	99510	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	114434	67.20	ug/l	0.02
Spiked Amount 50.000			Recovery	=	134.40%	
35) Dibromofluoromethane	4.31	113	117507	58.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.30%	
50) Toluene-d8	7.72	98	155335	32.03	ug/l	0.02
Spiked Amount 50.000			Recovery	=	64.06%	
62) 4-Bromofluorobenzene	11.49	95	69696	31.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.70%	
Target Compounds						
20) Methylene Chloride	2.34	84	6755	5.420	ug/l #	Qvalue 79

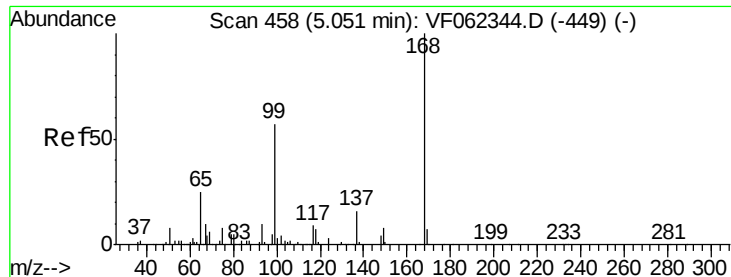
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.02 min

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ClientSampleId :

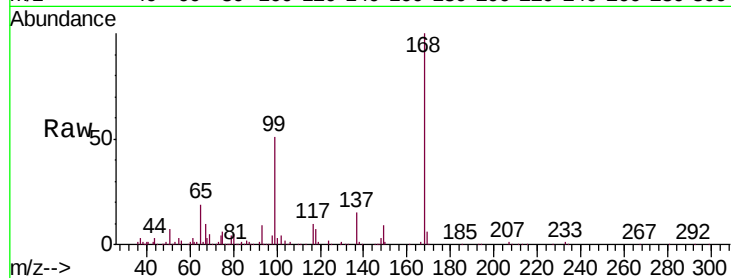
P026-SS013-1218-01

Tgt Ion:168 Resp: 180179

Ion Ratio Lower Upper

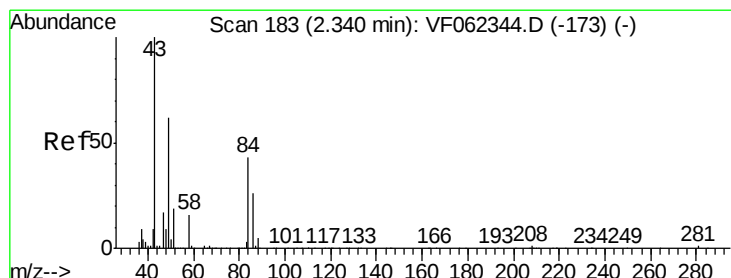
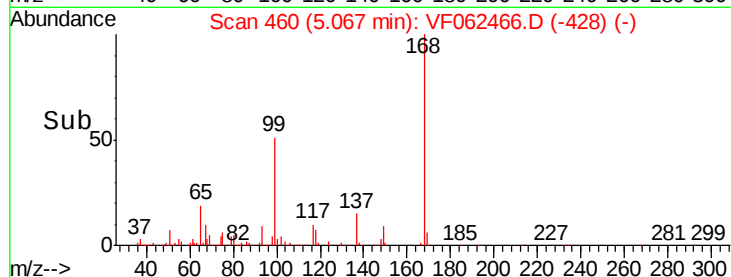
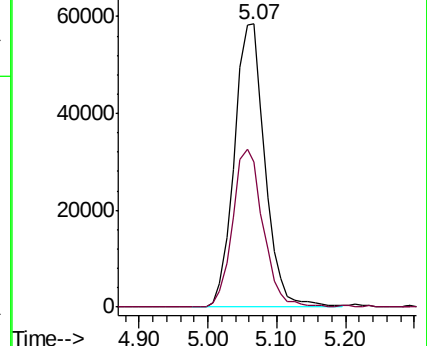
168 100

99 51.2 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0



#20

Methylene Chloride

Concen: 5.420 ug/l

RT: 2.34 min Scan# 183

Delta R.T. -0.00 min

Lab File: VF062466.D

Acq: 11 May 2019 18:04

Tgt Ion: 84 Resp: 6755

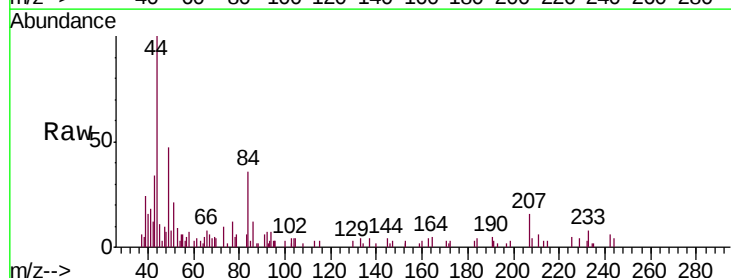
Ion Ratio Lower Upper

84 100

49 124.3 117.5 176.3

51 39.1 37.0 55.4

86 34.5 49.3 73.9#

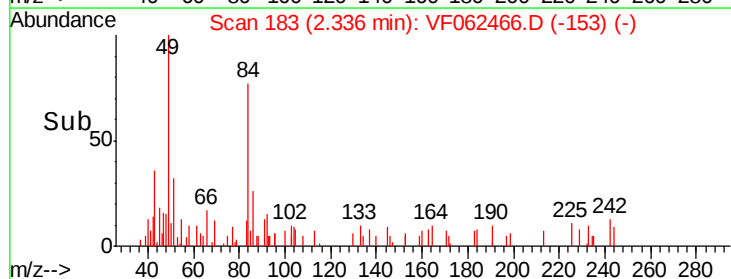
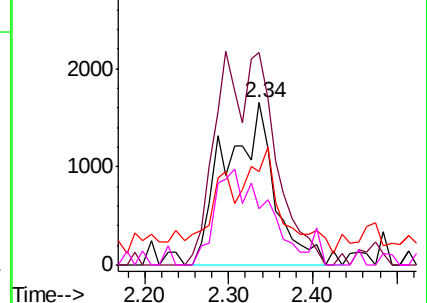


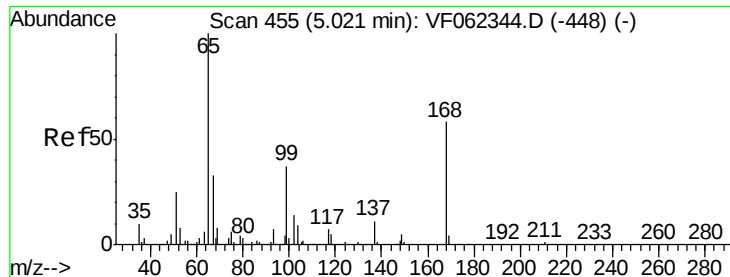
Abundance Ion 83.90 (83.60 to 84.60): VF0

Ion 48.90 (48.60 to 49.60): VF0

Ion 50.90 (50.60 to 51.60): VF0

Ion 85.90 (85.60 to 86.60): VF0





#33

1,2-Dichloroethane-d4

Concen: 67.205 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.02 min

Lab File: VF062466.D

Acq: 11 May 2019 18:04

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ClientSampleId :

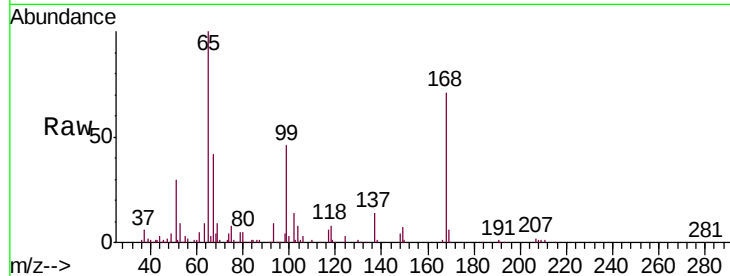
P026-SS013-1218-01

Tgt Ion: 65 Resp: 114434

Ion Ratio Lower Upper

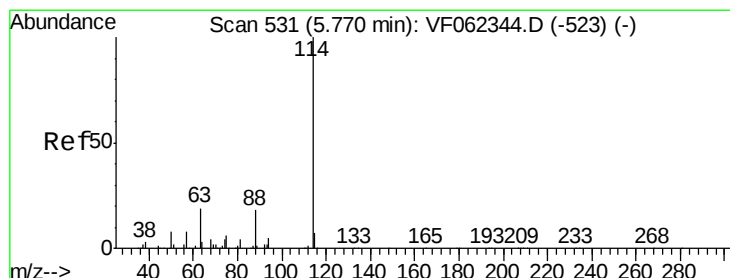
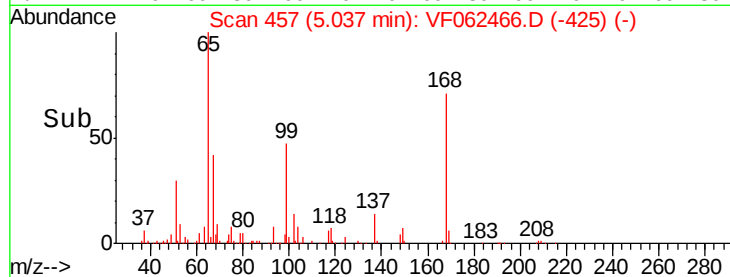
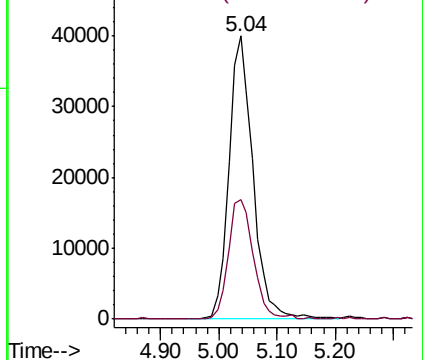
65 100

67 44.1 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. 0.01 min

Lab File: VF062466.D

Acq: 11 May 2019 18:04

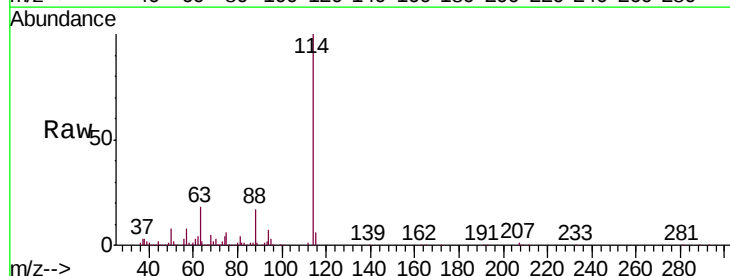
Tgt Ion: 114 Resp: 251505

Ion Ratio Lower Upper

114 100

63 17.9 0.0 37.4

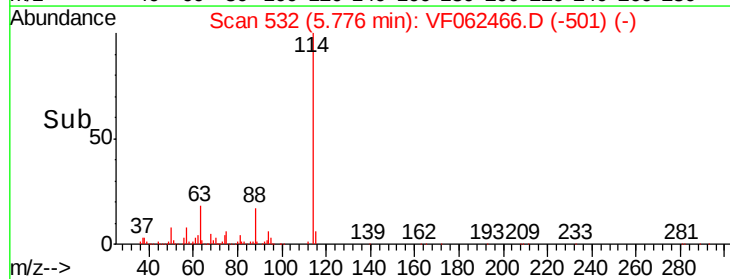
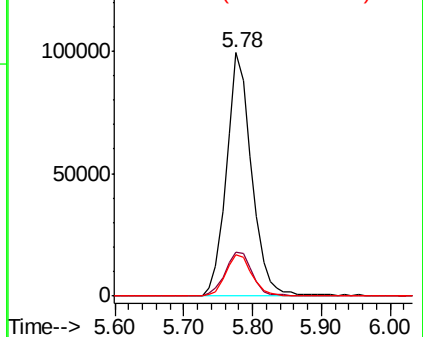
88 17.1 0.0 36.4

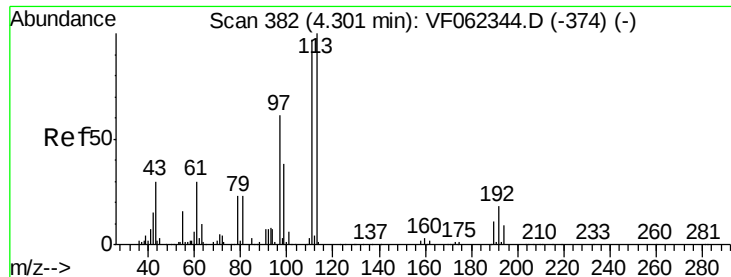


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0

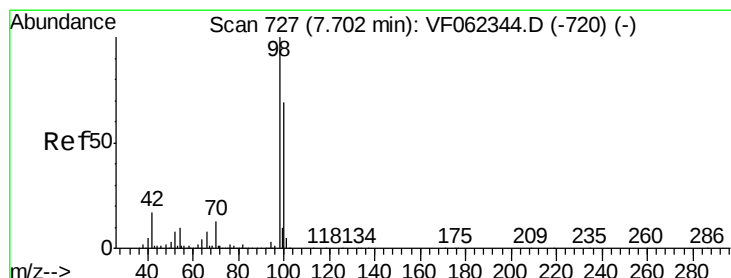
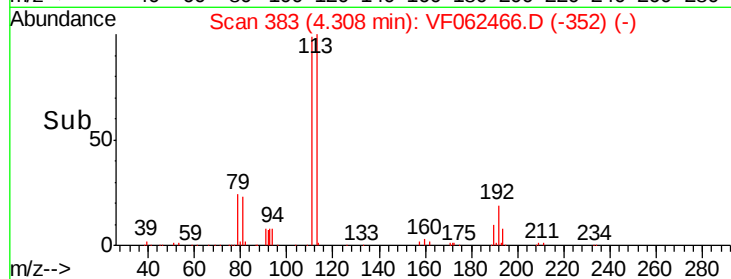
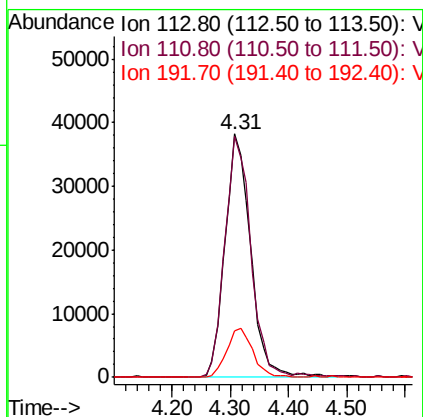
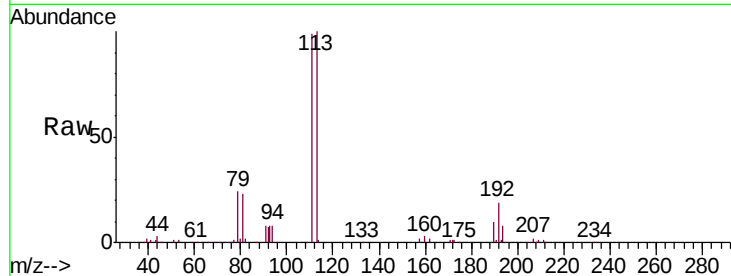




#35
Dibromofluoromethane
Concen: 58.645 ug/l
RT: 4.31 min Scan# 383
Delta R.T. 0.01 min
Lab File: VF062466.D
Acq: 11 May 2019 18:04

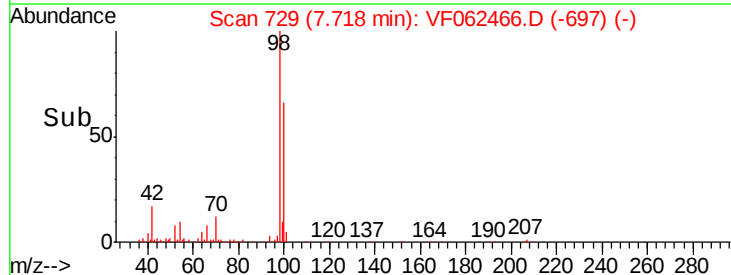
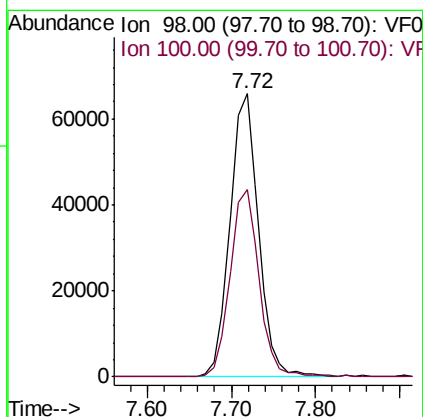
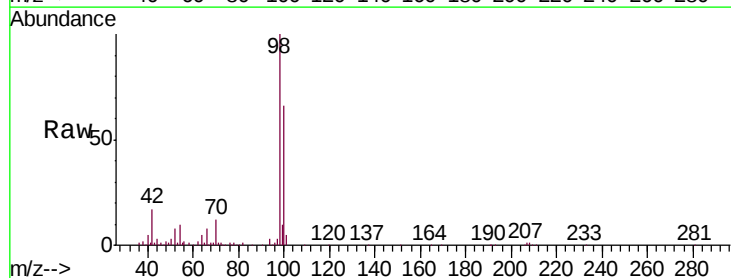
Instrument :
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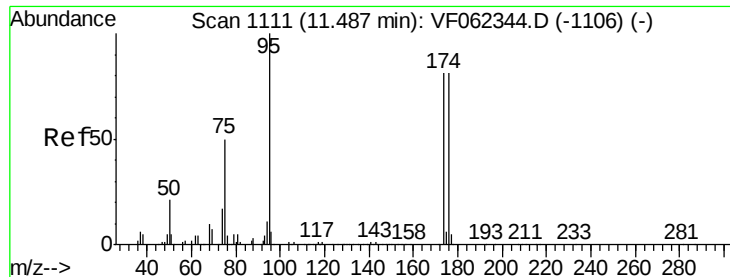
Tgt Ion:113 Resp: 117507
Ion Ratio Lower Upper
113 100
111 99.4 79.4 119.0
192 20.5 16.0 24.0



#50
Toluene-d8
Concen: 32.026 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.02 min
Lab File: VF062466.D
Acq: 11 May 2019 18:04

Tgt Ion: 98 Resp: 155335
Ion Ratio Lower Upper
98 100
100 67.3 53.3 79.9





#62

4-Bromofluorobenzene

Concen: 31.850 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VF062466.D

Acq: 11 May 2019 18:04

Instrument :

MSVOA_F

ClientSampleId :

P026-SS013-1218-01

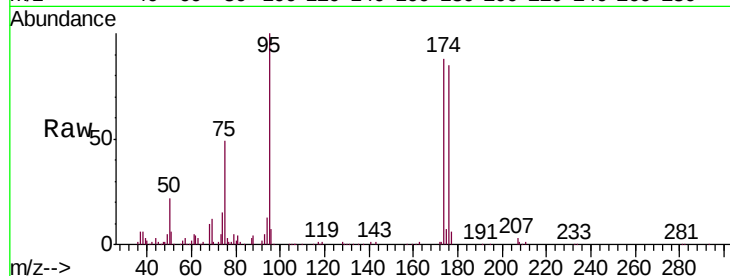
Tgt Ion: 95 Resp: 69696

Ion Ratio Lower Upper

95 100

174 102.0 0.0 191.8

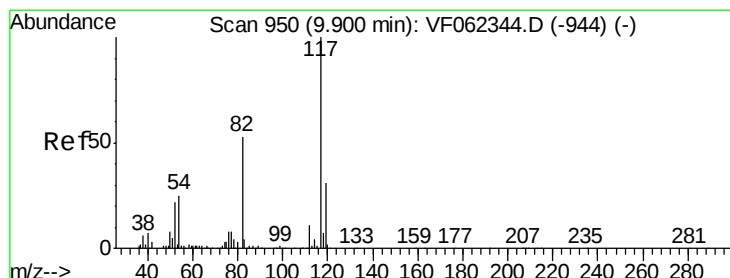
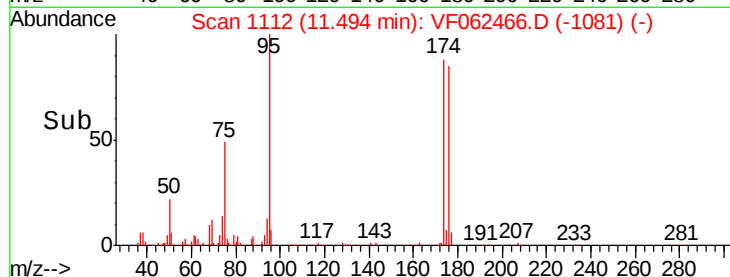
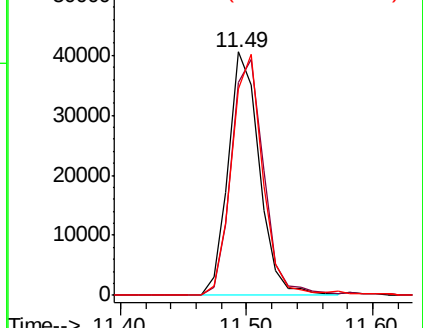
176 99.2 0.0 193.2



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: 9.92 min Scan# 952

Delta R.T. 0.02 min

Lab File: VF062466.D

Acq: 11 May 2019 18:04

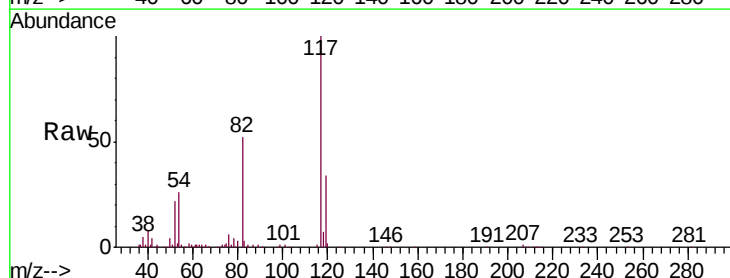
Tgt Ion: 117 Resp: 187183

Ion Ratio Lower Upper

117 100

82 51.8 42.2 63.2

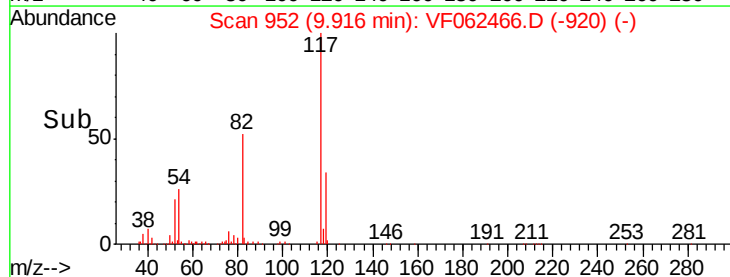
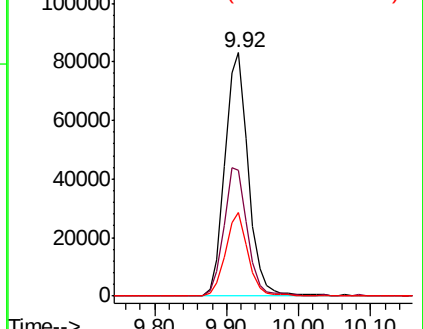
119 34.4 25.0 37.4

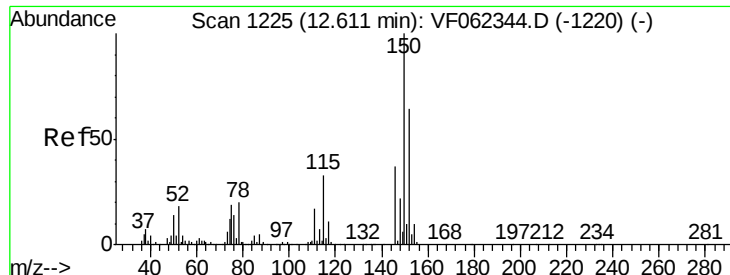


Abundance Ion 116.90 (116.60 to 117.60): V

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: VF062466.D

Acq: 11 May 2019 18:04

Instrument :

MSVOA_F

ClientSampleId :

P026-SS013-1218-01

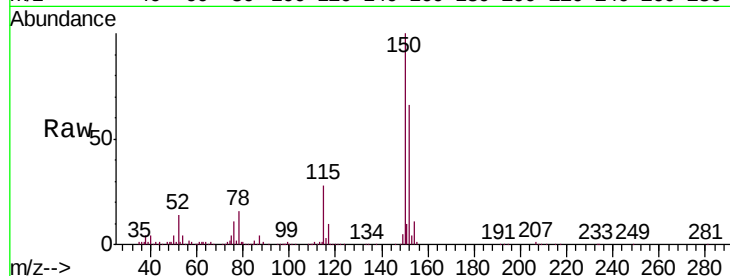
Tgt Ion:152 Resp: 99510

Ion Ratio Lower Upper

152 100

115 48.1 26.4 79.2

150 156.1 0.0 335.0



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

