

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052419\
 Data File : VF062747.D
 Acq On : 24 May 2019 15:10
 Operator : FY/SY
 Sample : K3026-06RE
 Misc : 3.96g/5mL/MSVOA F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-5-D2RE

Quant Time: May 24 23:48:31 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

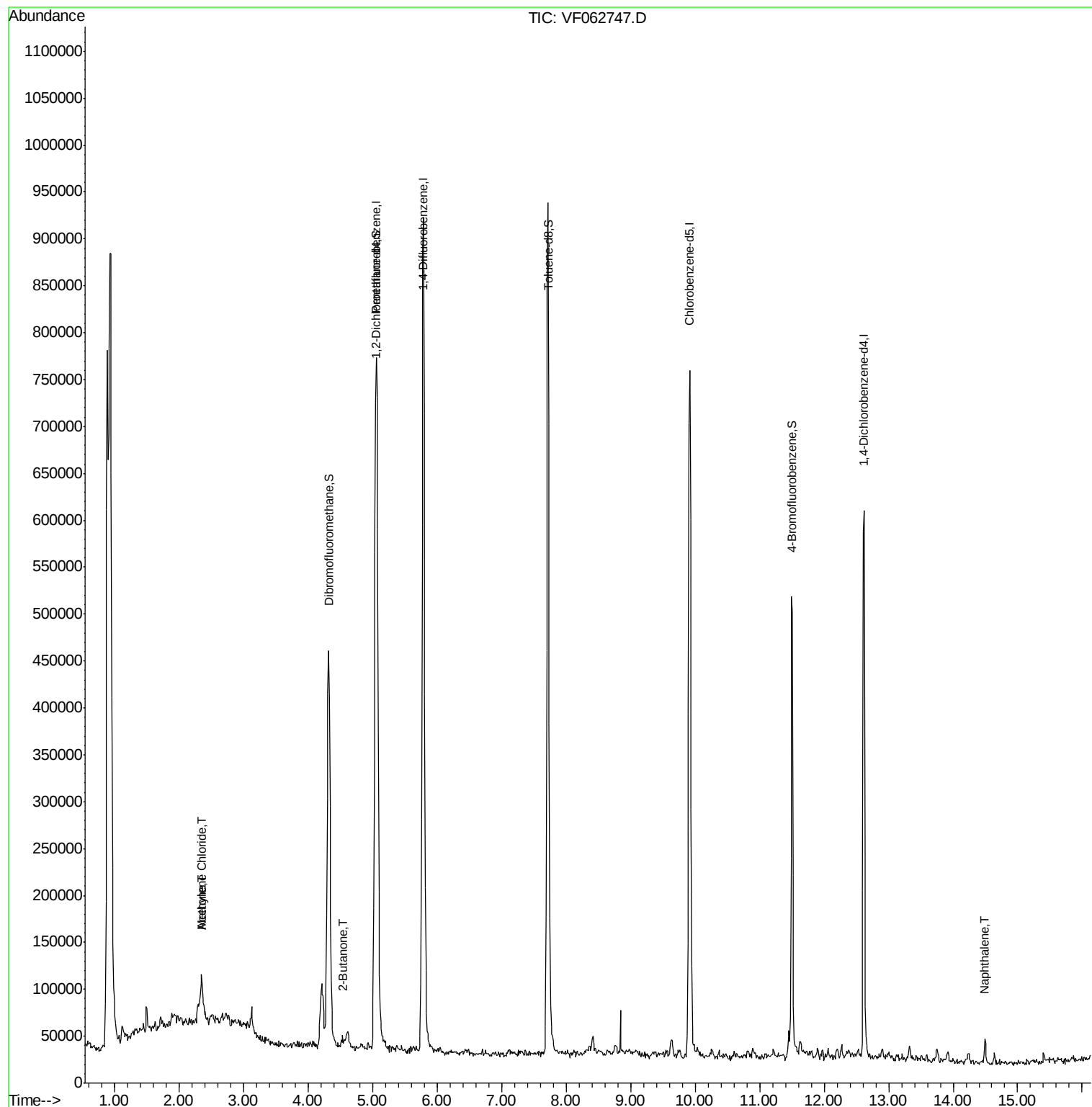
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	696858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	1150890	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	608941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	169525	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	250657	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
35) Dibromofluoromethane	4.32	113	429287	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
50) Toluene-d8	7.72	98	823367	39.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.32%	
62) 4-Bromofluorobenzene	11.49	95	192173	24.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	48.20%	
Target Compounds						
16) Acetone	2.36	43	34605	27.087	ug/l	92
20) Methylene Chloride	2.35	84	41153	6.427	ug/l #	80
25) 2-Butanone	4.54	43	20164	7.388	ug/l #	89
95) Naphthalene	14.49	128	18760	2.962	ug/l #	90

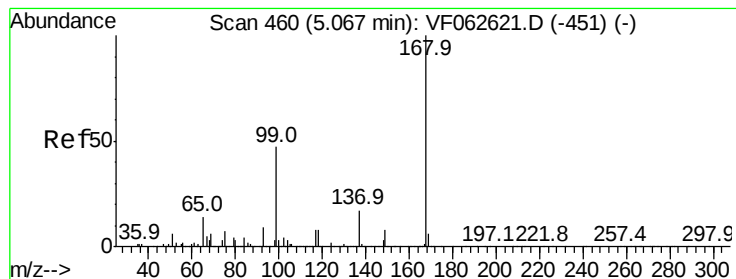
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF062747.D

Acq: 24 May 2019 15:10

Instrument :

MSVOA_F

ClientSampleId :

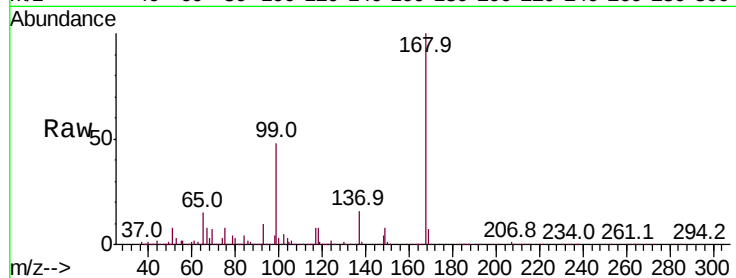
TP-5-D2RE

Tot Ion:168 Resp: 696858

Ion Ratio Lower Upper

168 100

99 48.2 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

250000

200000

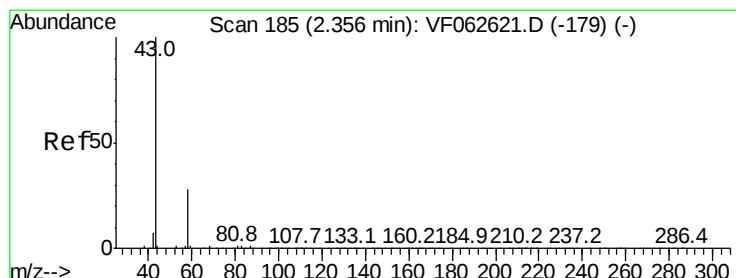
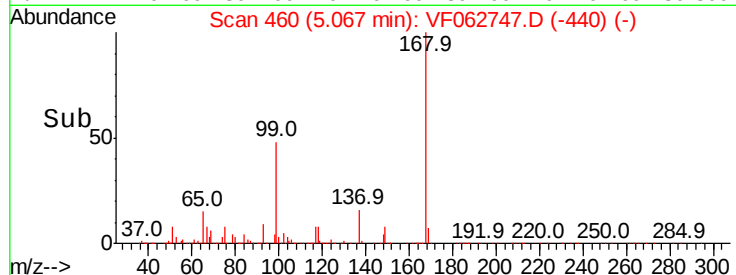
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 27.087 ug/l

RT: 2.36 min Scan# 185

Delta R.T. 0.00 min

Lab File: VF062747.D

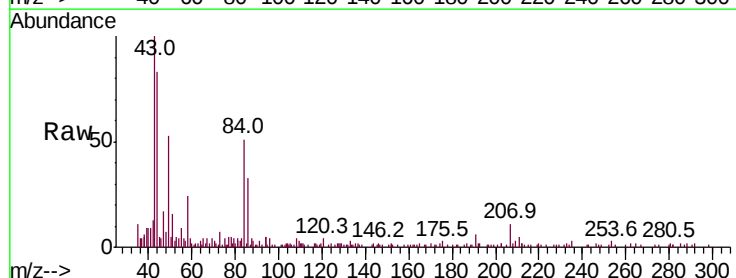
Acq: 24 May 2019 15:10

Tgt Ion: 43 Resp: 34605

Ion Ratio Lower Upper

43 100

58 23.9 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

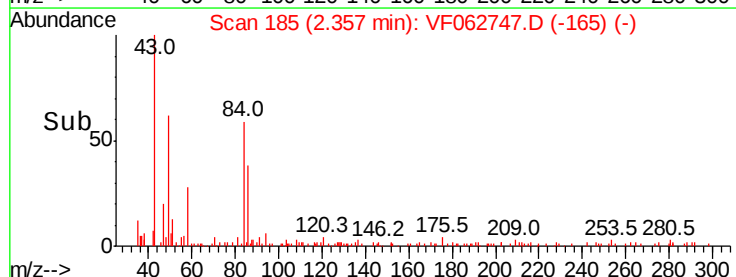
15000

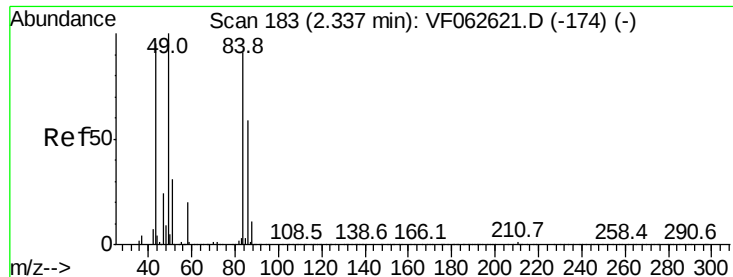
10000

5000

0

Time-->





#20

Methvlene Chloride

Concen: 6.427 ug/l

RT: 2.35 min Scan# 184

Delta R.T. 0.01 min

Lab File: VF062747.D

Acq: 24 May 2019 15:10

Instrument :

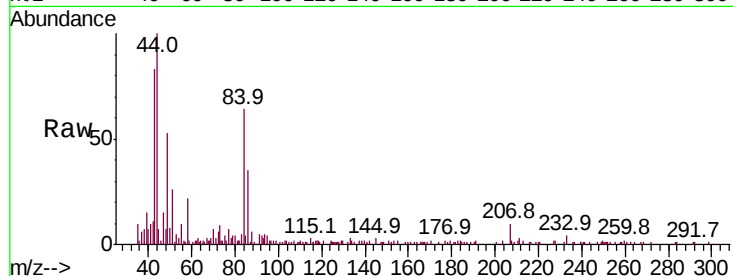
MSVOA_F

ClientSampleId :

TP-5-D2RE

Tot Ion: 84 Resp: 41153

Ion	Ratio	Lower	Upper
84	100		
49	83.5	89.8	134.8#
51	40.7	28.4	42.6
86	54.3	52.6	79.0

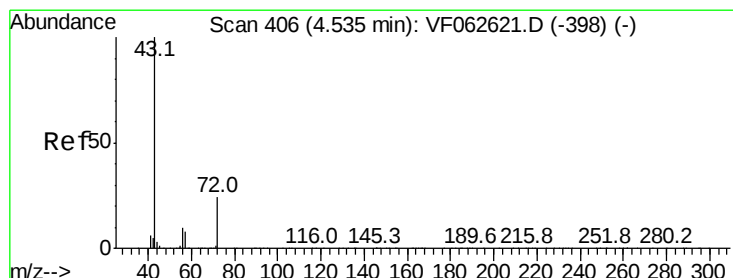
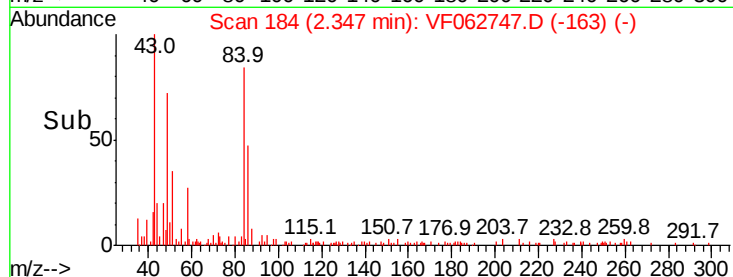
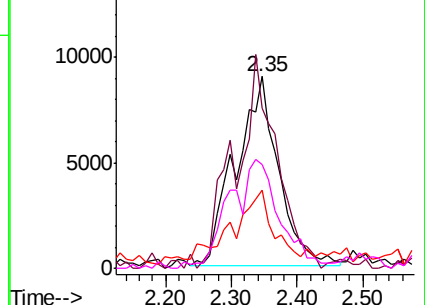


Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#25

2-Butanone

Concen: 7.388 ug/l

RT: 4.54 min Scan# 406

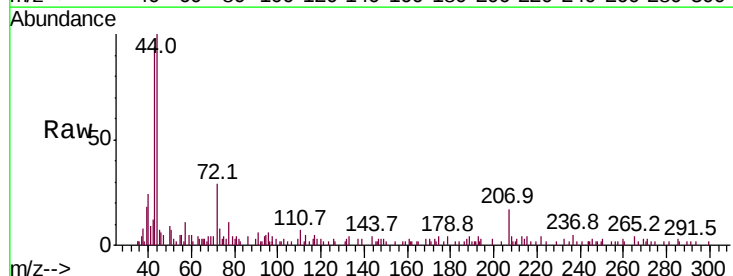
Delta R.T. 0.00 min

Lab File: VF062747.D

Acq: 24 May 2019 15:10

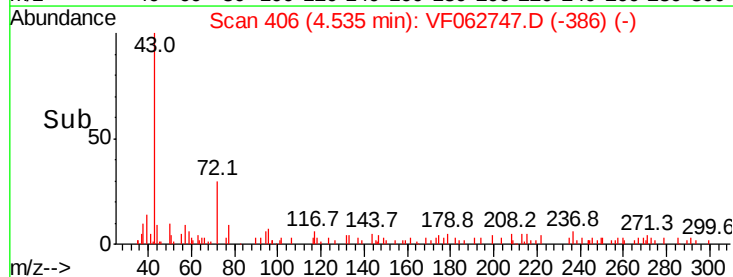
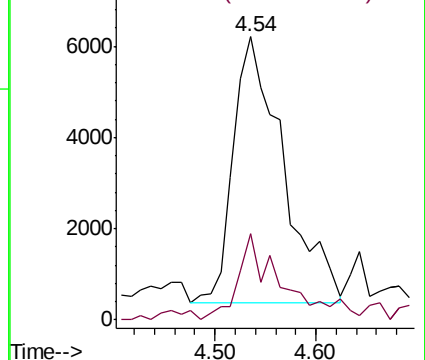
Tgt Ion: 43 Resp: 20164

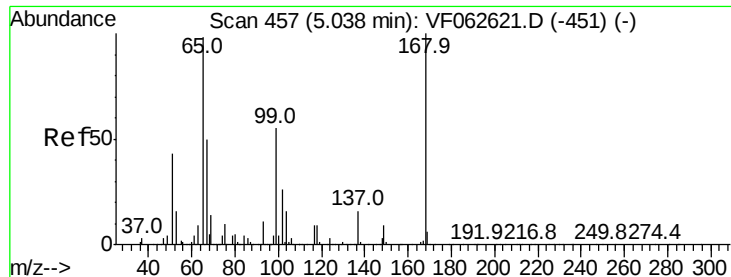
Ion	Ratio	Lower	Upper
43	100		
72	30.6	20.1	30.1#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 50.902 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF062747.D

Acq: 24 May 2019 15:10

Instrument :

MSVOA_F

ClientSampleId :

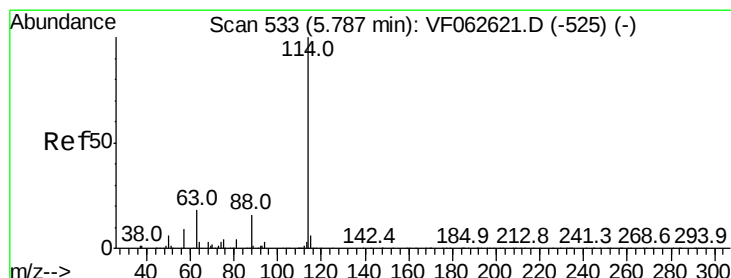
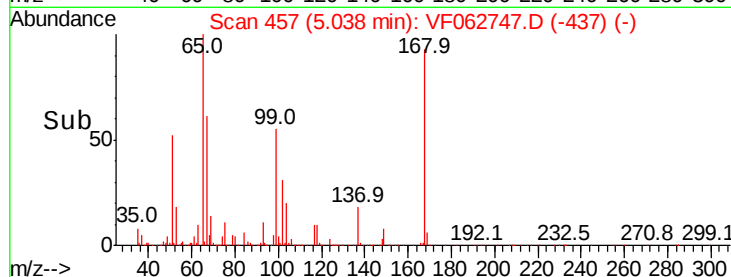
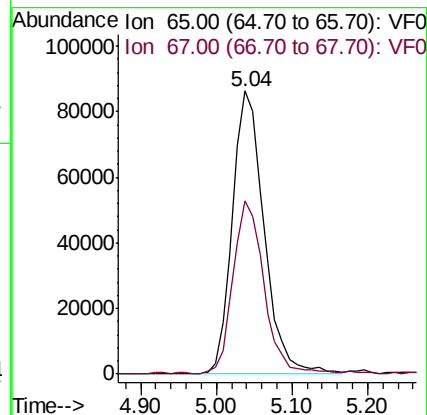
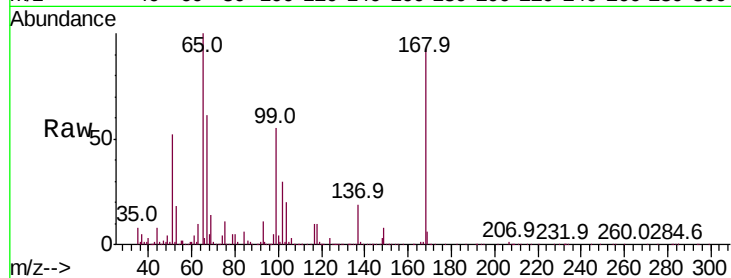
TP-5-D2RE

Tot Ion: 65 Resp: 250657

Ion Ratio Lower Upper

65 100

67 61.0 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: VF062747.D

Acq: 24 May 2019 15:10

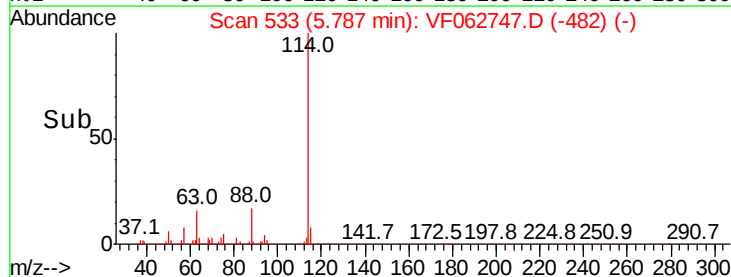
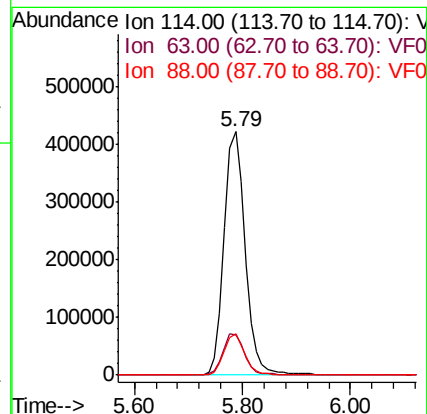
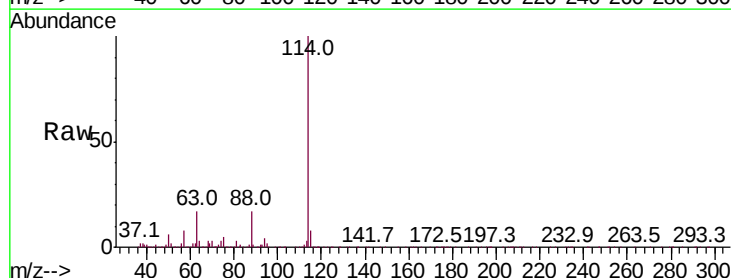
Tgt Ion:114 Resp: 1150890

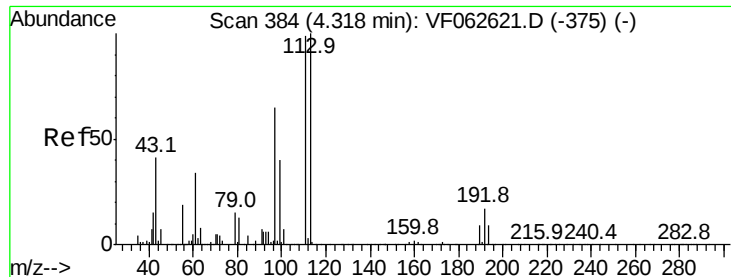
Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.4

88 16.8 0.0 32.4

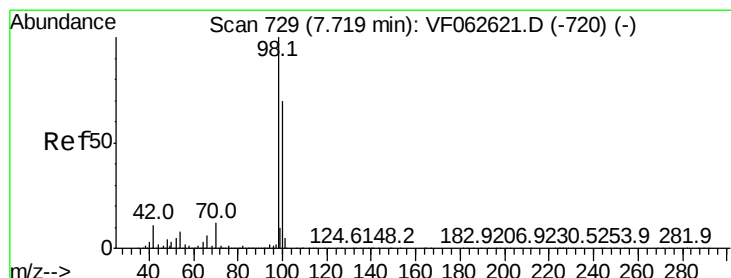
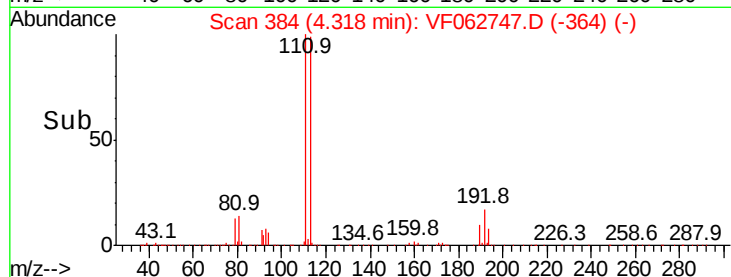
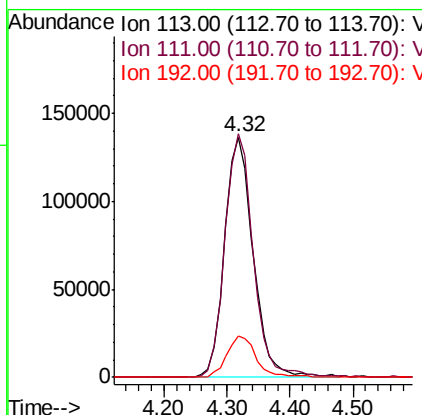
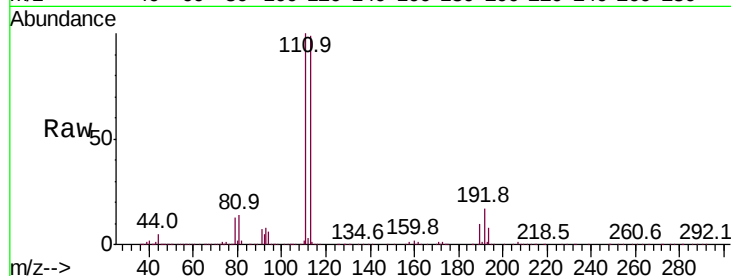




#35
 Dibromofluoromethane
 Concen: 48.746 ug/l
 RT: 4.32 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: VF062747.D
 Acq: 24 May 2019 15:10

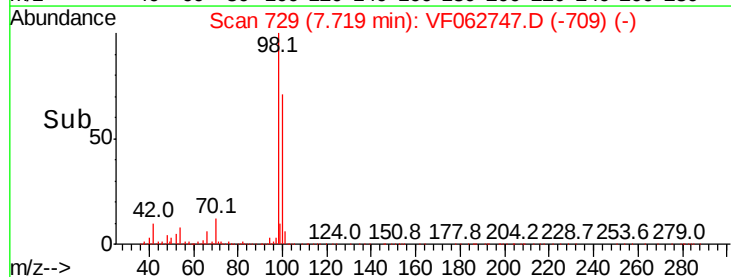
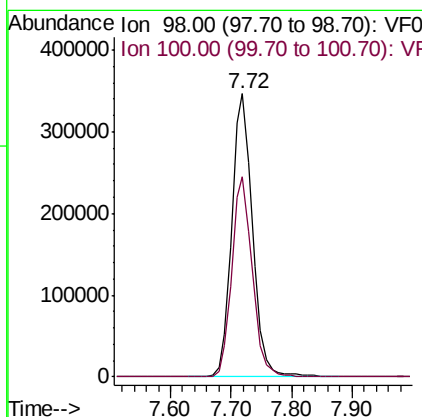
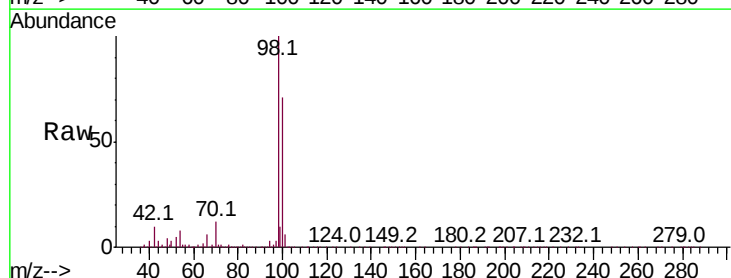
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-5-D2RE

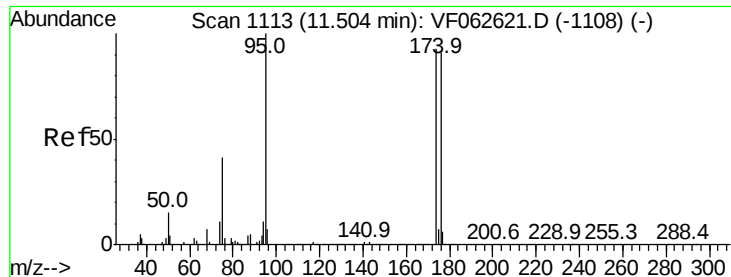
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	79.4	119.2
192	17.2	13.4	20.2



#50
 Toluene-d8
 Concen: 39.158 ug/l
 RT: 7.72 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: VF062747.D
 Acq: 24 May 2019 15:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	70.7	56.2	84.2





#62

4-Bromofluorobenzene

Concen: 24.097 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF062747.D

Acq: 24 May 2019 15:10

Instrument :

MSVOA_F

ClientSampleId :

TP-5-D2RE

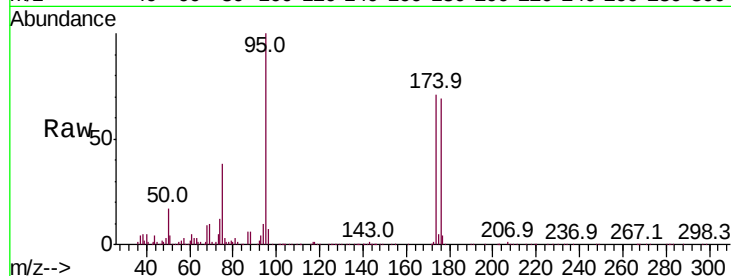
Tot Ion: 95 Resp: 192173

Ion Ratio Lower Upper

95 100

174 70.6 0.0 185.6

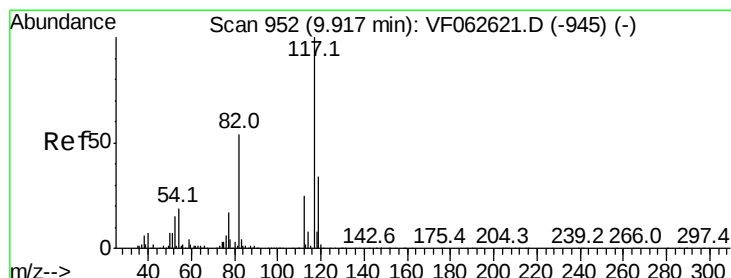
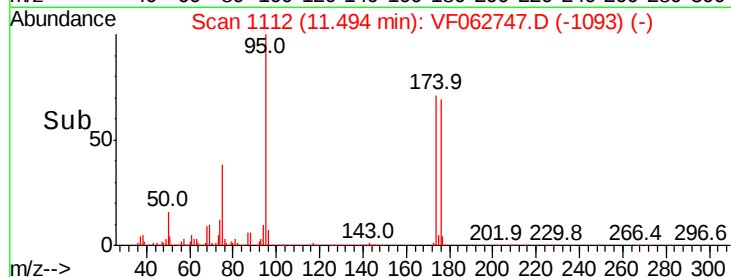
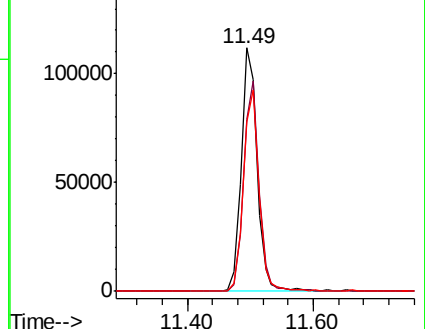
176 69.4 0.0 182.4



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 952

Delta R.T. 0.00 min

Lab File: VF062747.D

Acq: 24 May 2019 15:10

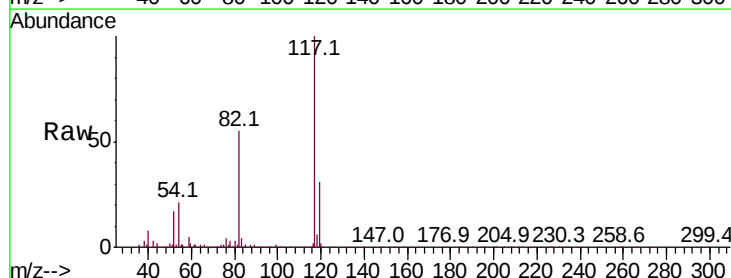
Tgt Ion: 117 Resp: 608941

Ion Ratio Lower Upper

117 100

82 55.2 43.3 64.9

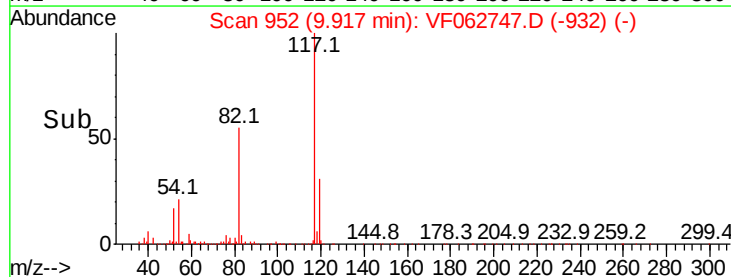
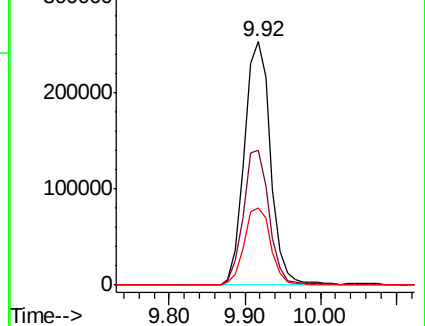
119 31.5 27.4 41.0

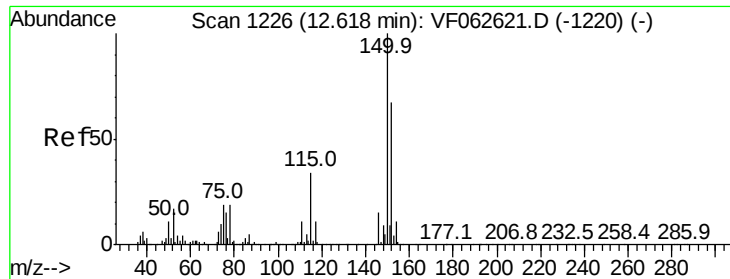


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. 0.00 min

Lab File: VF062747.D

Acq: 24 May 2019 15:10

Instrument :

MSVOA_F

ClientSampleId :

TP-5-D2RE

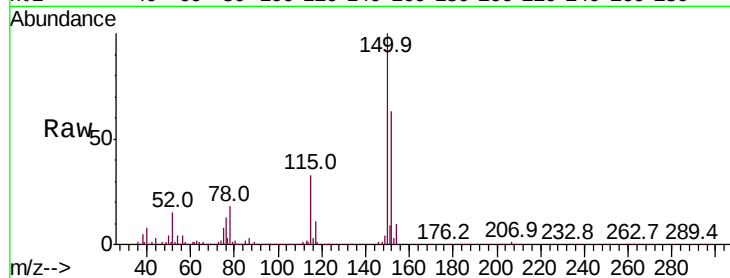
Tot Ion:152 Resp: 169525

Ion Ratio Lower Upper

152 100

115 53.1 25.2 75.6

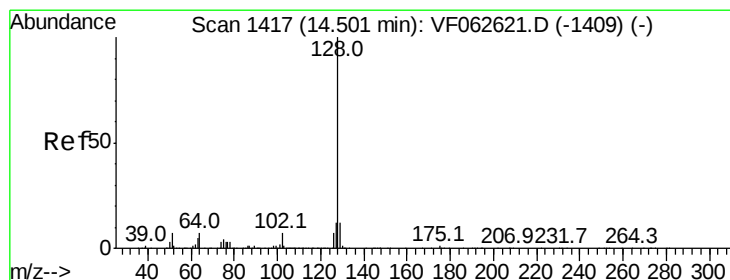
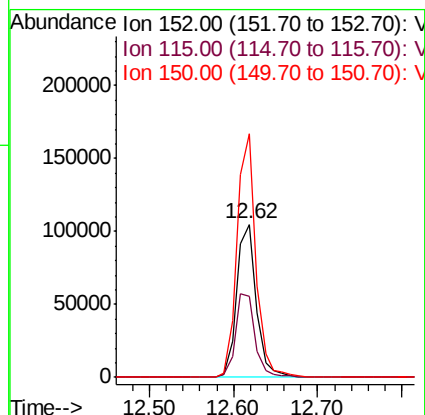
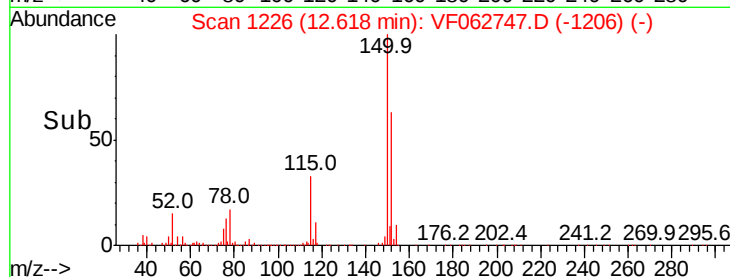
150 159.0 0.0 306.2



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



#95

Naphthalene

Concen: 2.962 ug/l

RT: 14.49 min Scan# 1416

Delta R.T. -0.01 min

Lab File: VF062747.D

Acq: 24 May 2019 15:10

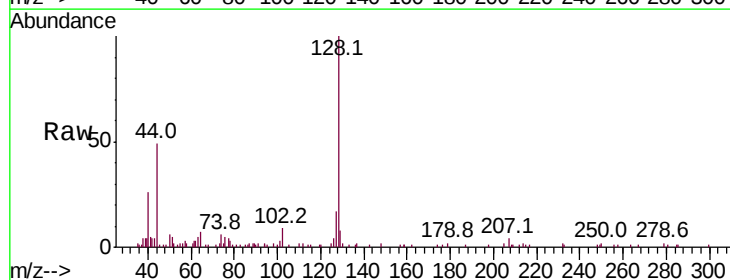
Tgt Ion:128 Resp: 18760

Ion Ratio Lower Upper

128 100

127 16.5 9.7 14.5#

129 8.2 9.3 13.9#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

