

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051019\
 Data File : VF062439.D
 Acq On : 11 May 2019 1:22
 Operator : FY/SY
 Sample : K2728-01
 Misc : 5.34g/5mL/MSVOA F/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P-3A-OW(0-10)

Quant Time: May 11 06:32:49 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

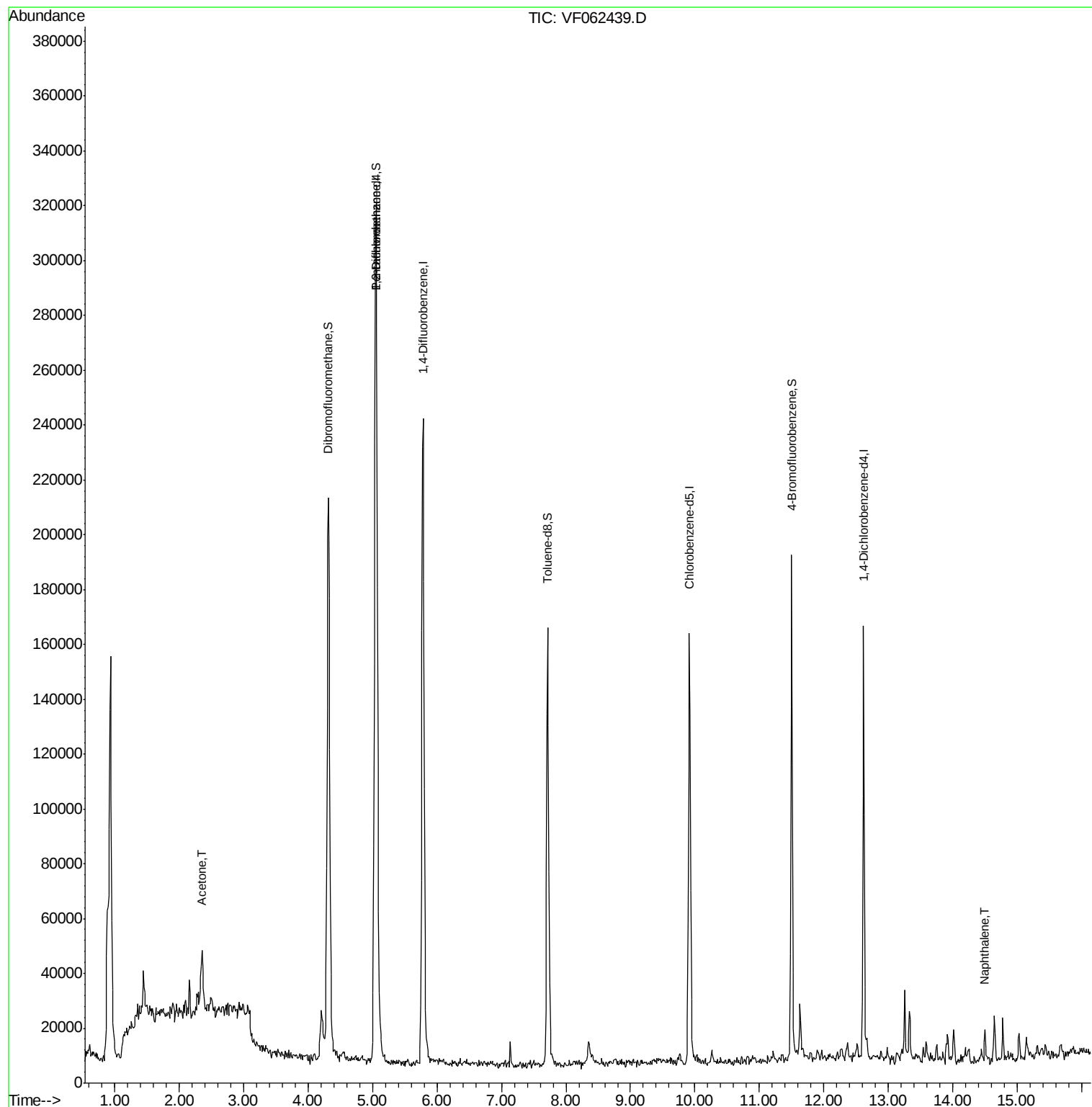
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	215872	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	266805	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.91	117	110642	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	38834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	167848	82.28	ug/l	0.02
Spiked Amount 50.000			Recovery	=	164.56%	
35) Dibromofluoromethane	4.32	113	178864	84.15	ug/l	0.01
Spiked Amount 50.000			Recovery	=	168.30%	
50) Toluene-d8	7.72	98	132756	25.80	ug/l	0.01
Spiked Amount 50.000			Recovery	=	51.60%	
62) 4-Bromofluorobenzene	11.50	95	59188	25.50	ug/l	0.01
Spiked Amount 50.000			Recovery	=	51.00%	
Target Compounds						
16) Acetone	2.35	43	27450	66.514	ug/l #	88
95) Naphthalene	14.50	128	5757	3.997	ug/l #	93

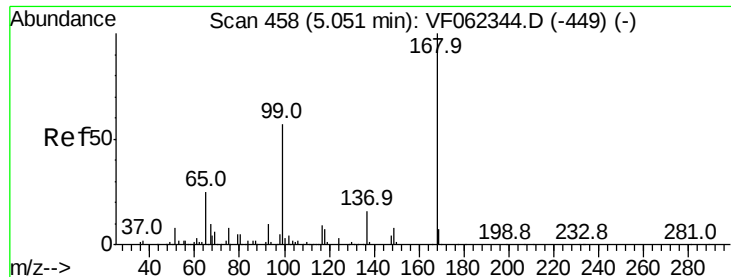
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.01 min

Lab File: VF062439.D

Acq: 11 May 2019 1:22

Instrument :

MSVOA_F

ClientSampleId :

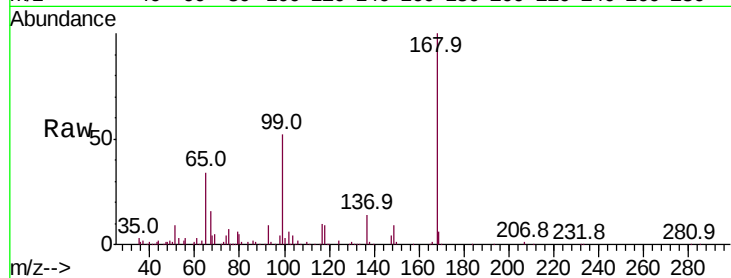
P-3A-OW(0-10)

Tot Ion:168 Resp: 215872

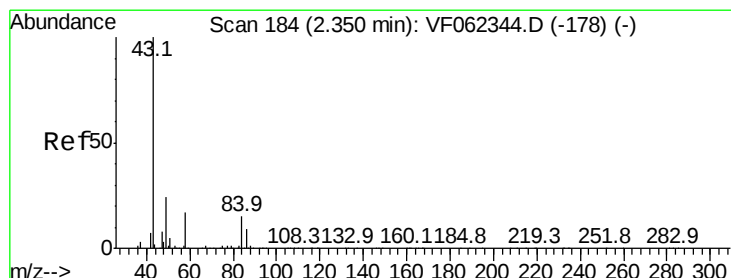
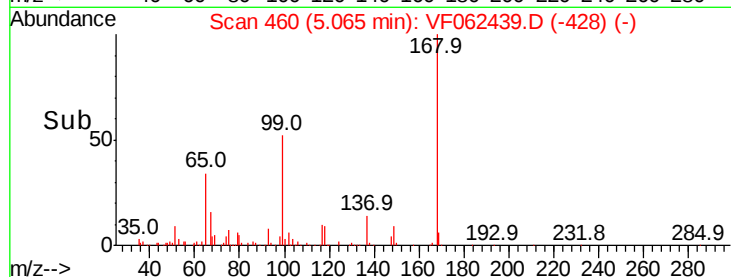
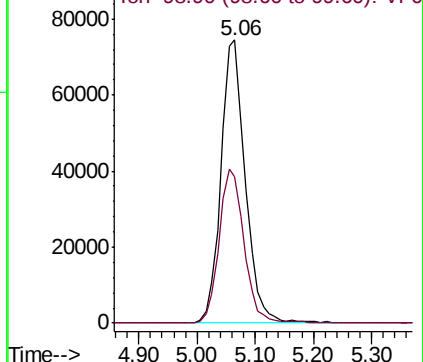
Ion Ratio Lower Upper

168 100

99 51.9 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0



#16

Acetone

Concen: 66.514 ug/l

RT: 2.35 min Scan# 185

Delta R.T. 0.00 min

Lab File: VF062439.D

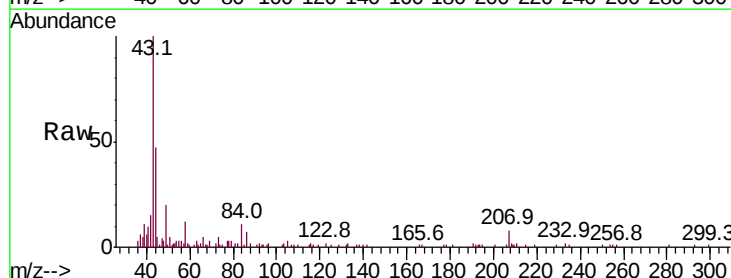
Acq: 11 May 2019 1:22

Tgt Ion: 43 Resp: 27450

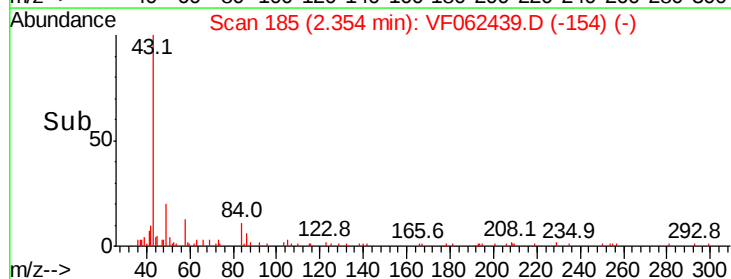
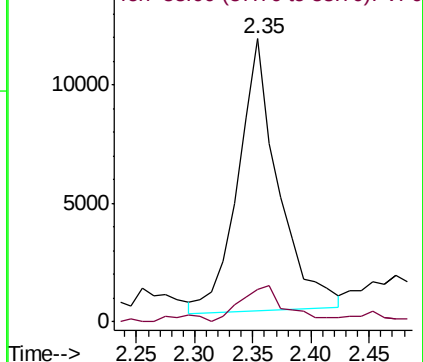
Ion Ratio Lower Upper

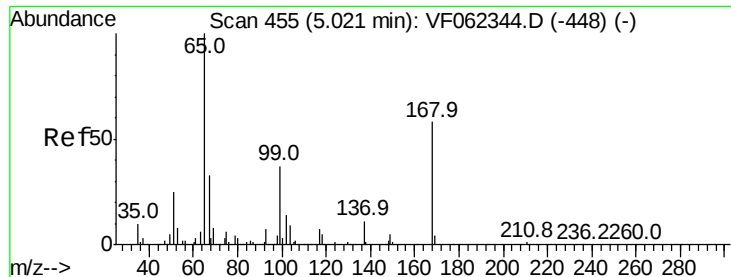
43 100

58 11.1 13.1 19.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 82.275 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.02 min

Lab File: VF062439.D

Acq: 11 May 2019 1:22

Instrument :

MSVOA_F

ClientSampleId :

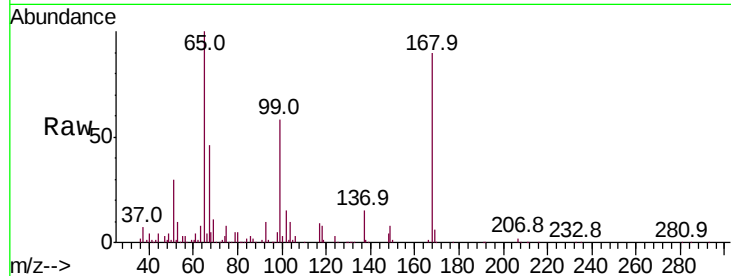
P-3A-OW(0-10)

Tot Ion: 65 Resp: 167848

Ion Ratio Lower Upper

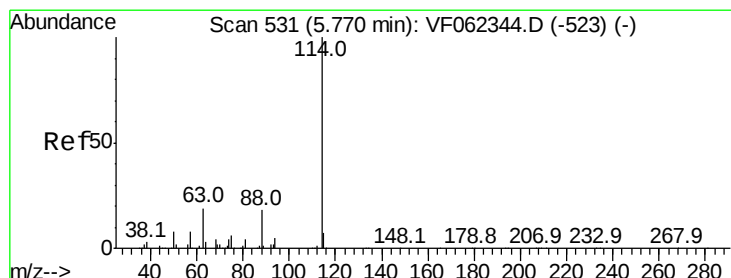
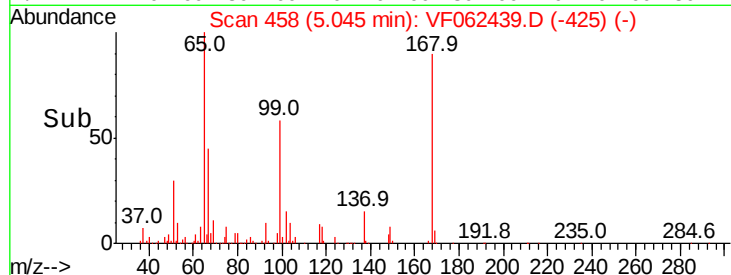
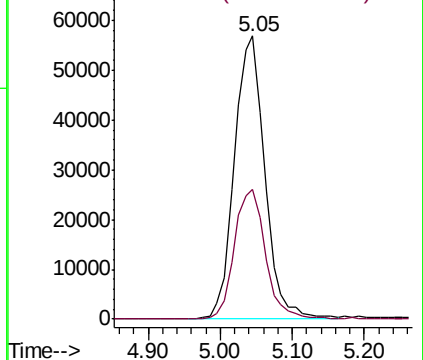
65 100

67 46.7 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# 533

Delta R.T. 0.01 min

Lab File: VF062439.D

Acq: 11 May 2019 1:22

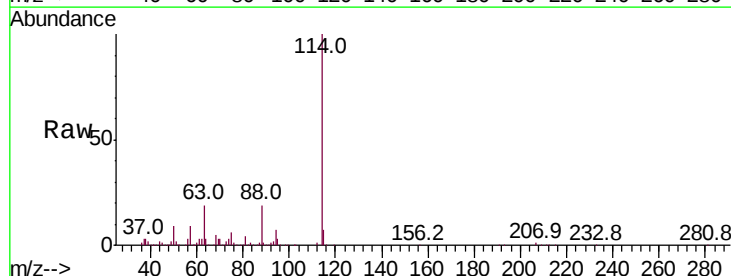
Tgt Ion: 114 Resp: 266805

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

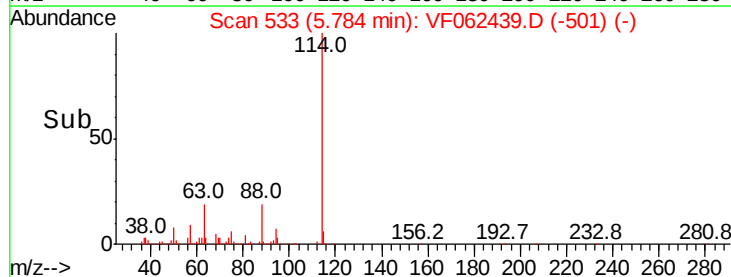
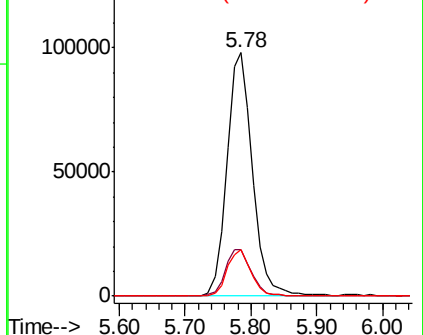
88 19.3 0.0 36.4

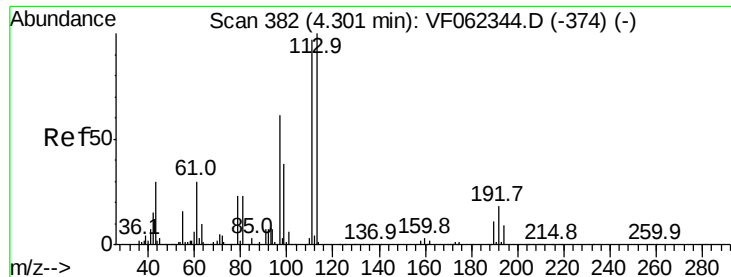


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0





#35

Dibromofluoromethane

Concen: 84.148 ug/l

RT: 4.32 min Scan# 384

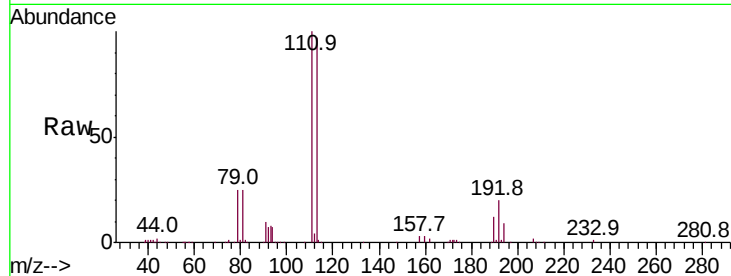
Delta R.T. 0.01 min

Lab File: VF062439.D

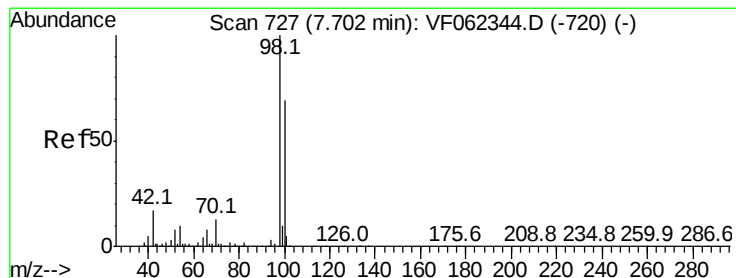
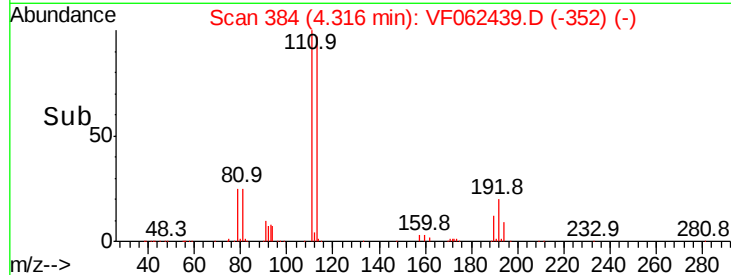
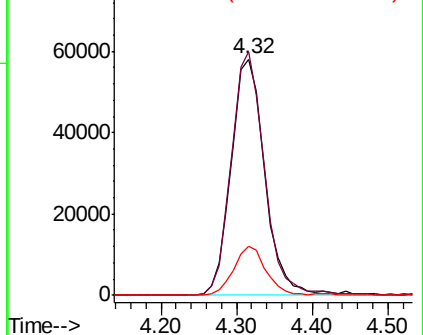
Acq: 11 May 2019 1:22

Instrument :
MSVOA_F
ClientSampleId :
P-3A-OW(0-10)

Tot Ion:	113	Resp:	178864
Ion	Ratio	Lower	Upper
113	100		
111	102.0	79.4	119.0
192	20.0	16.0	24.0



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: 25.801 ug/l

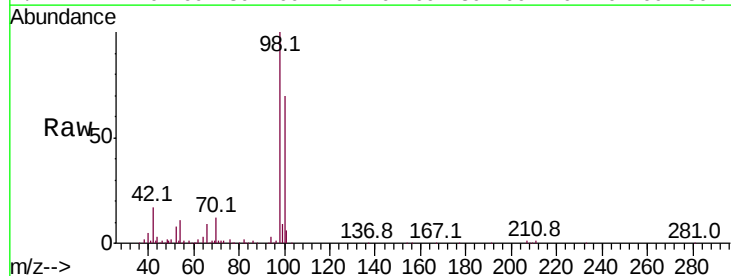
RT: 7.72 min Scan# 729

Delta R.T. 0.01 min

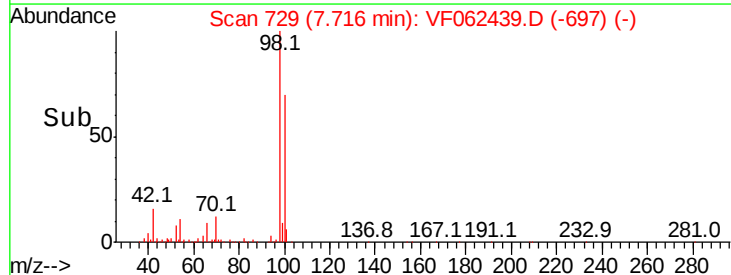
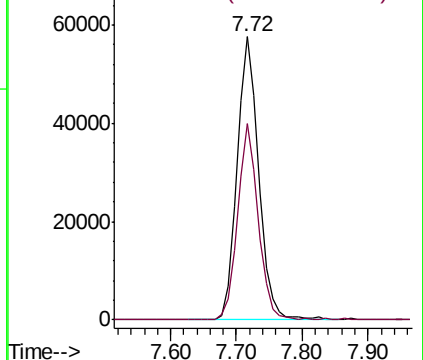
Lab File: VF062439.D

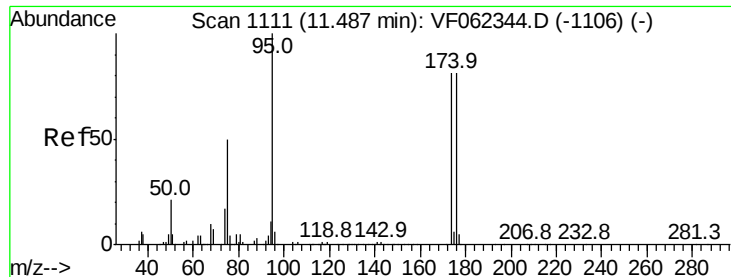
Acq: 11 May 2019 1:22

Tgt Ion:	98	Resp:	132756
Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.3	79.9



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 25.497 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VF062439.D

Acq: 11 May 2019 1:22

Instrument :

MSVOA_F

ClientSampleId :

P-3A-OW(0-10)

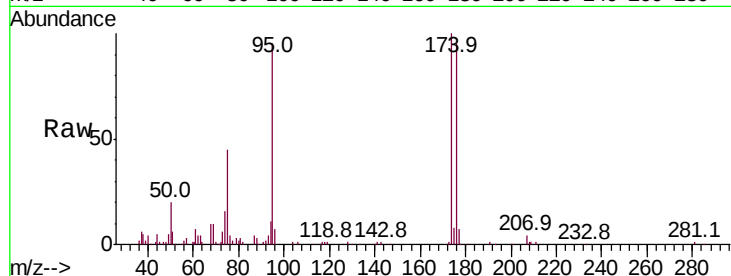
Tot Ion: 95 Resp: 59188

Ion Ratio Lower Upper

95 100

174 97.5 0.0 191.8

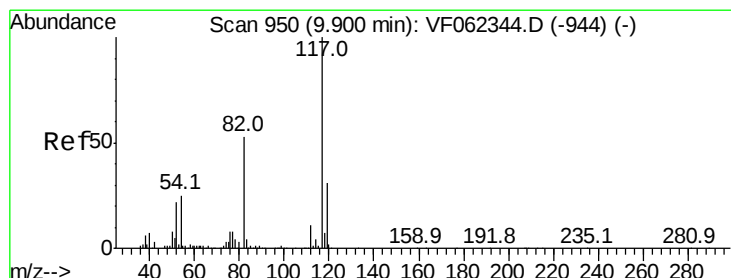
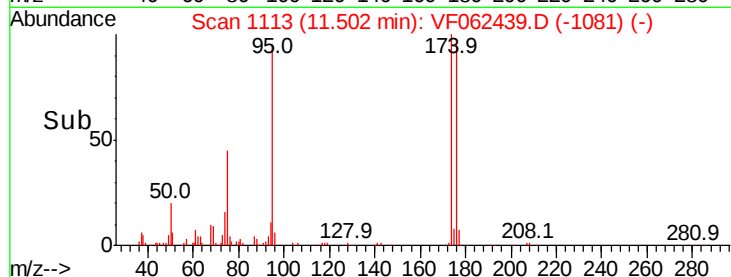
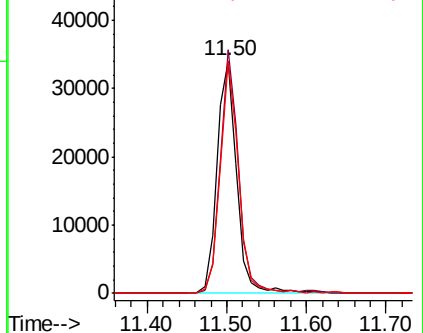
176 94.1 0.0 193.2



Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): VF0

Ion 175.80 (175.50 to 176.50): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 952

Delta R.T. 0.01 min

Lab File: VF062439.D

Acq: 11 May 2019 1:22

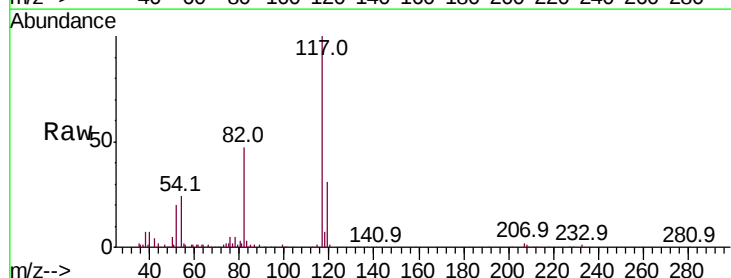
Tgt Ion: 117 Resp: 110642

Ion Ratio Lower Upper

117 100

82 47.2 42.2 63.2

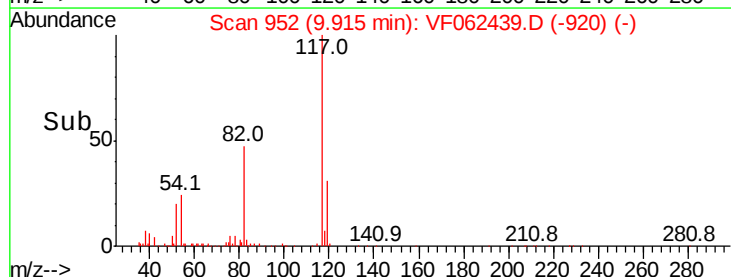
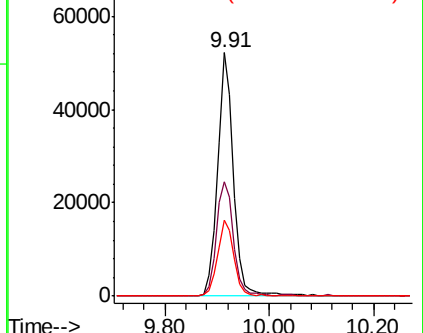
119 31.0 25.0 37.4

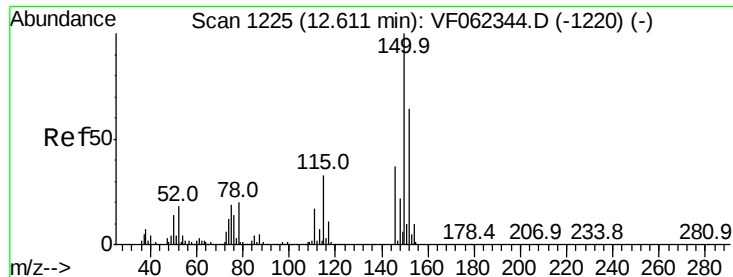


Abundance Ion 116.90 (116.60 to 117.60): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 118.90 (118.60 to 119.60): VF0



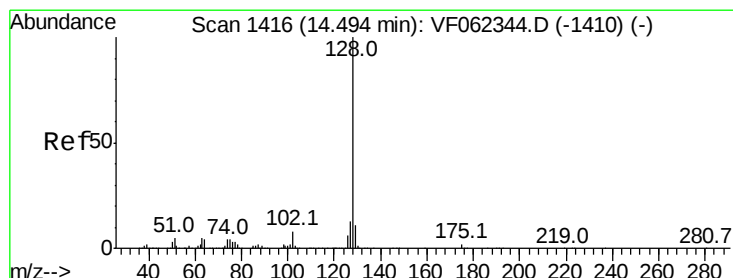
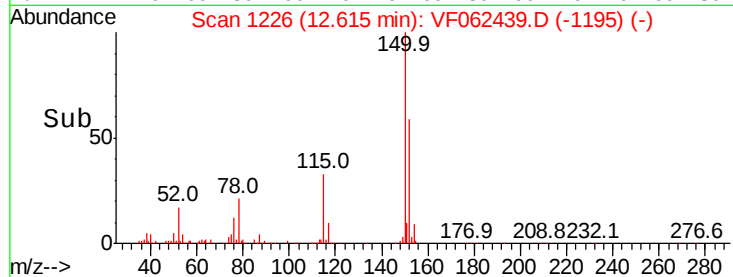
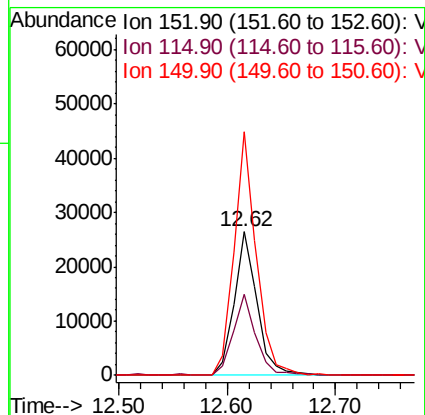
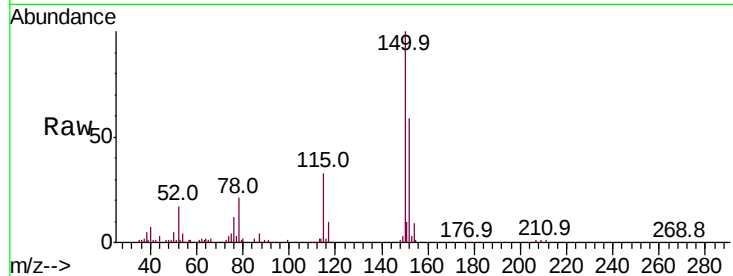


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Instrument :
MSVOA_F
ClientSampleId :
P-3A-OW(0-10)

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.4	26.4	79.2
150	165.6	0.0	335.0



#95

Naphthalene
Concen: 3.997 ug/l
RT: 14.50 min Scan# 1417
Delta R.T. 0.00 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	16.6	8.6	12.8#

