

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051619\
 Data File : VF062624.D
 Acq On : 16 May 2019 13:41
 Operator : FY/SY
 Sample : VIBLK
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VIBLK

Quant Time: May 17 06:26:55 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

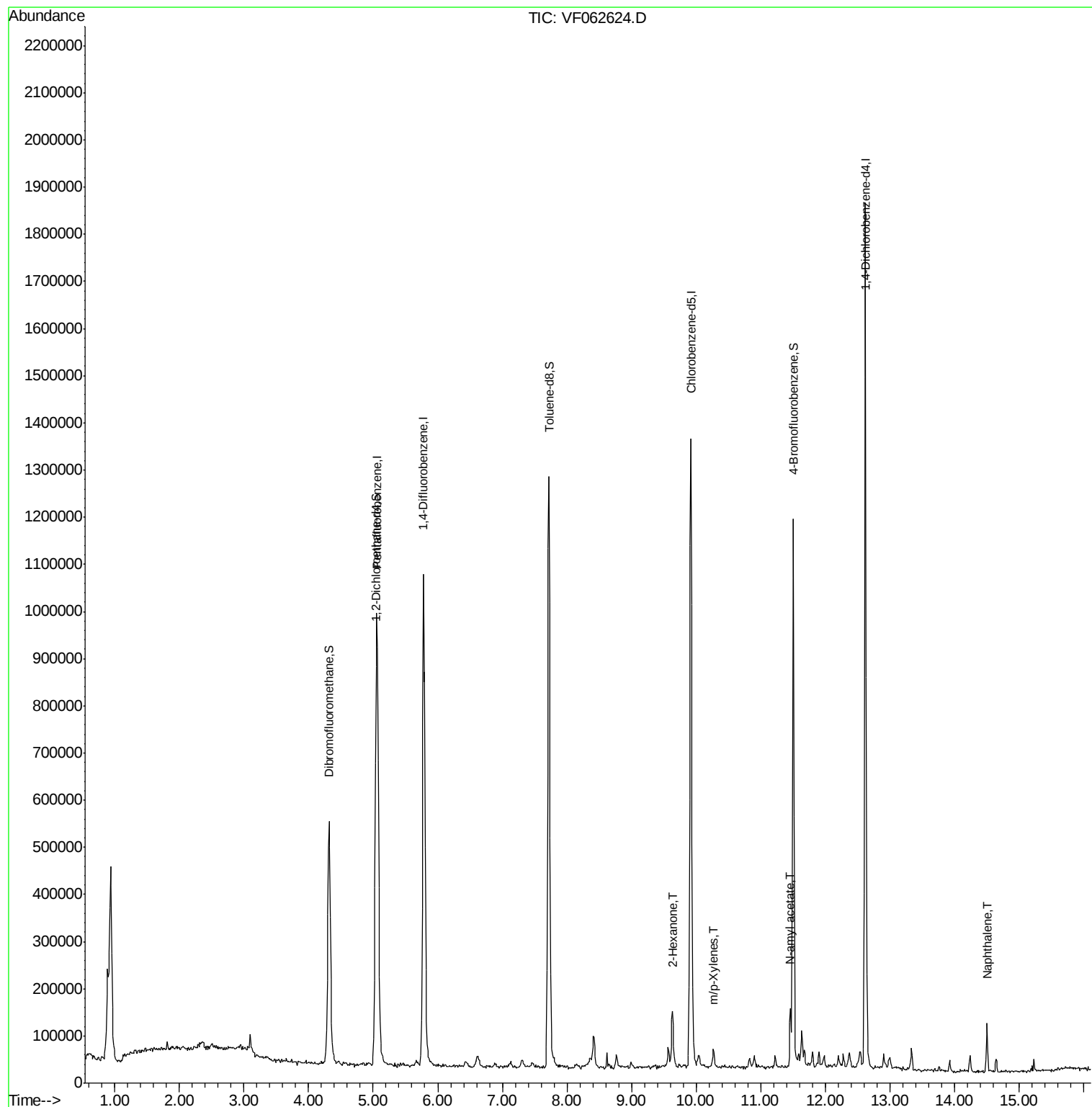
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	869933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	1303484	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	1022553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	503078	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	296619	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
35) Dibromofluoromethane	4.32	113	520814	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.44%	
50) Toluene-d8	7.72	98	1135500	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.36%	
62) 4-Bromofluorobenzene	11.50	95	434493	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
Target Compounds						
59) 2-Hexanone	9.63	43	108732	18.068	ug/l	96
68) m/p-Xylenes	10.26	106	14296	1.090	ug/l	98
74) N-amyl acetate	11.46	43	84790	4.311	ug/l	96
95) Naphthalene	14.50	128	70955	3.775	ug/l	99

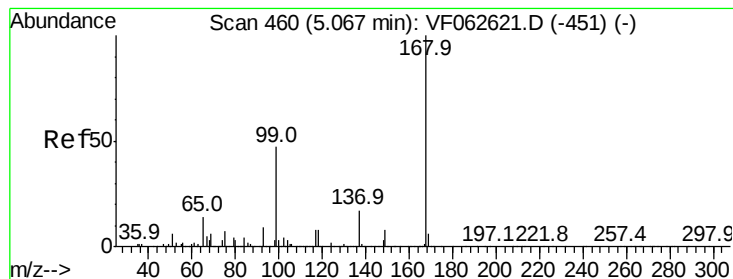
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051619\
Data File : VF062624.D
Acq On : 16 May 2019 13:41
Operator : FY/SY
Sample : VIBLK
Misc : 5.00µ/5mL/MSVOA F/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VIBLK

Quant Time: May 17 06:26:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
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: VF062624.D

Acq: 16 May 2019 13:41

Instrument :

MSVOA_F

ClientSampleId :

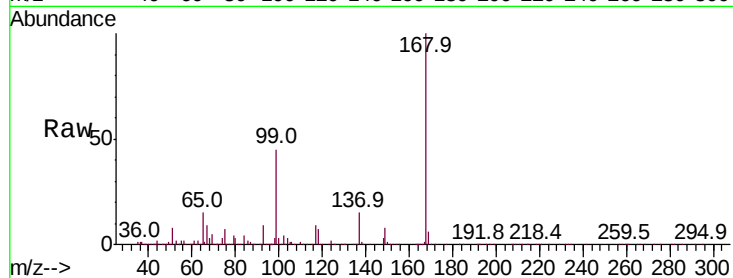
VIBLK

Tot Ion:168 Resp: 869933

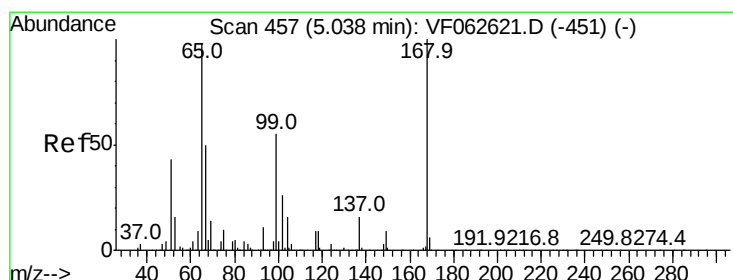
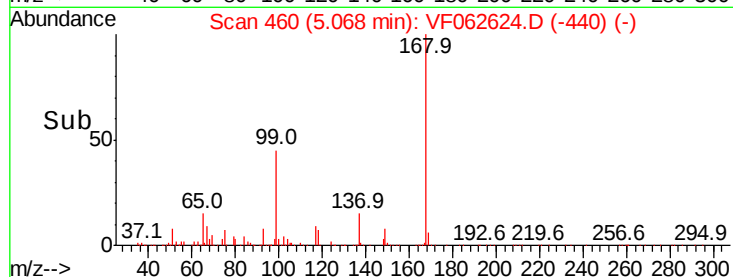
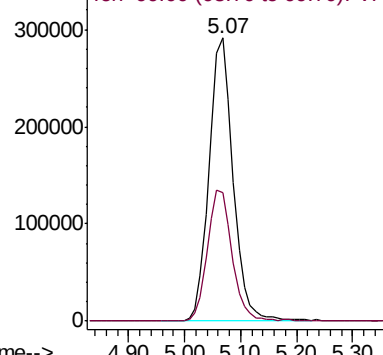
Ion Ratio Lower Upper

168 100

99 45.2 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 48.251 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF062624.D

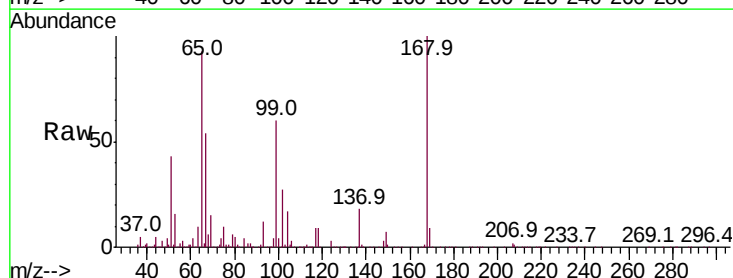
Acq: 16 May 2019 13:41

Tgt Ion: 65 Resp: 296619

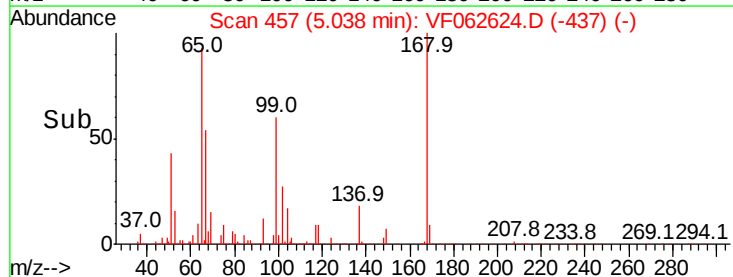
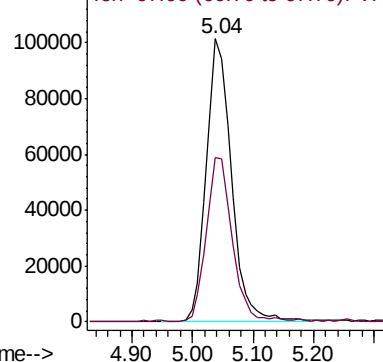
Ion Ratio Lower Upper

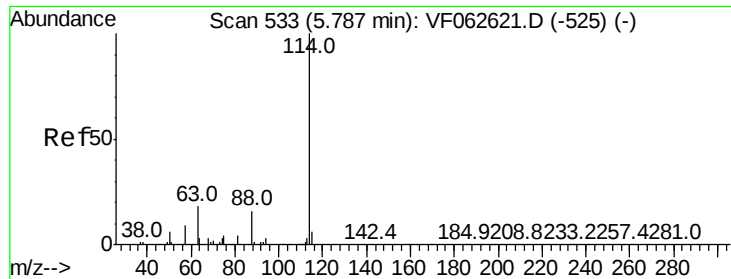
65 100

67 58.2 0.0 117.6



Abundance Ion 65.00 (64.70 to 65.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. -0.01 min

Lab File: VF062624.D

Acq: 16 May 2019 13:41

Instrument :

MSVOA_F

ClientSampleId :

VIBLK

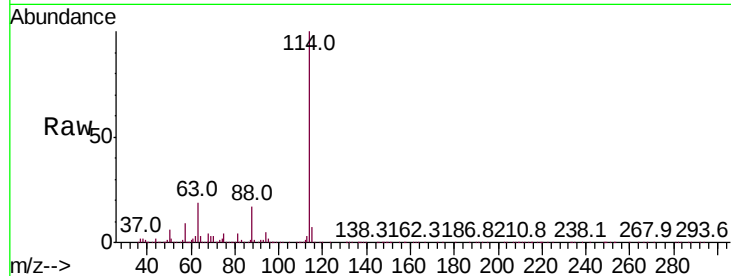
Tot Ion:114 Resp: 1303484

Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.4

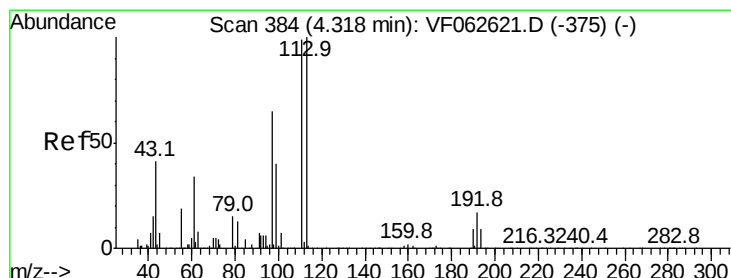
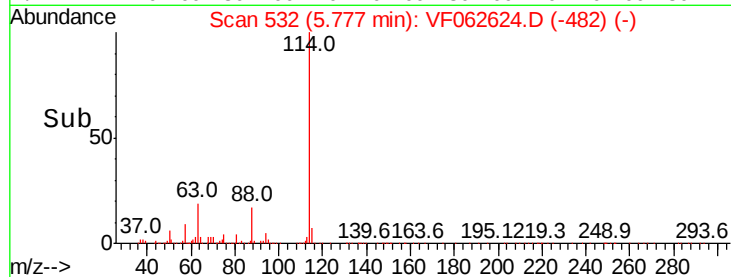
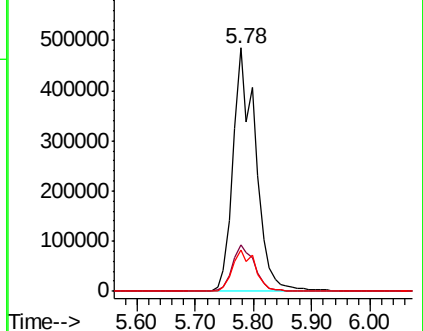
88 16.8 0.0 32.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 52.216 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.00 min

Lab File: VF062624.D

Acq: 16 May 2019 13:41

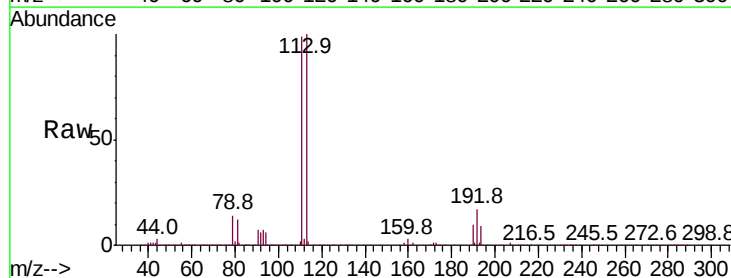
Tgt Ion:113 Resp: 520814

Ion Ratio Lower Upper

113 100

111 98.5 79.4 119.2

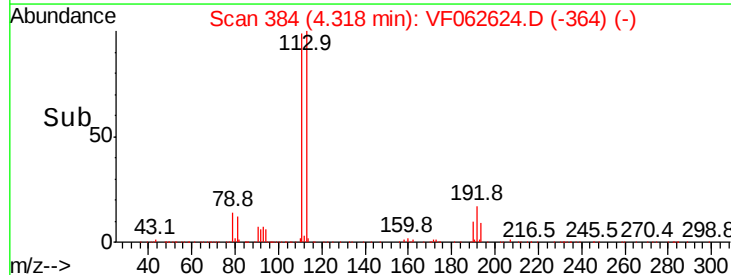
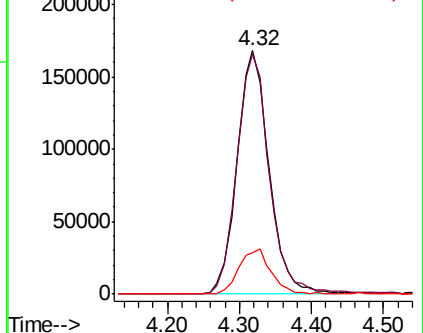
192 16.9 13.4 20.2

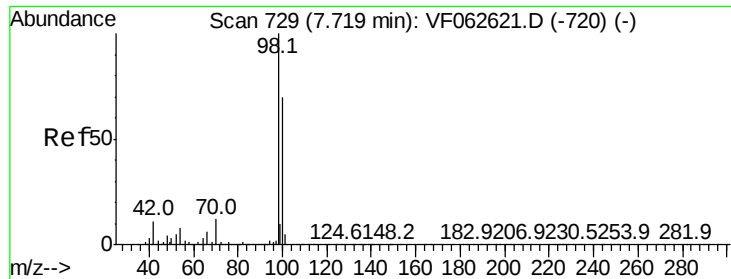


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

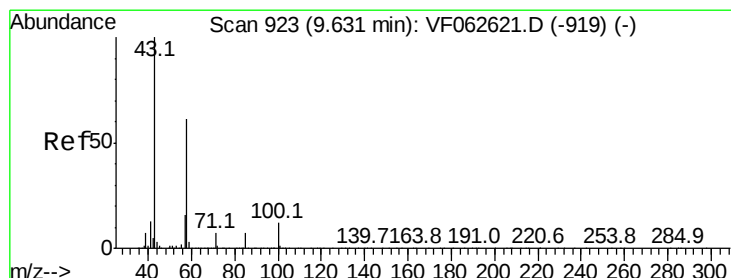
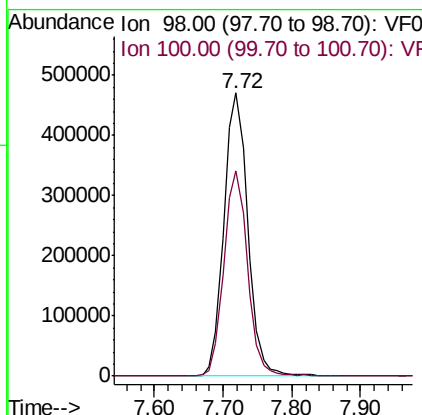
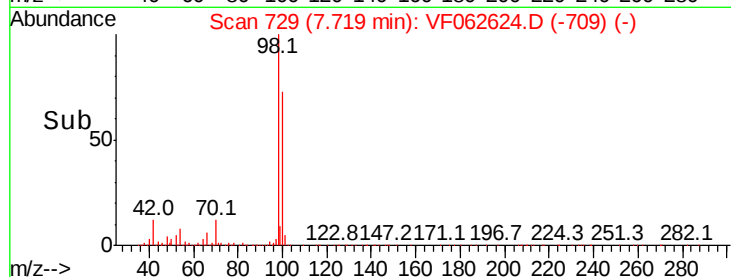
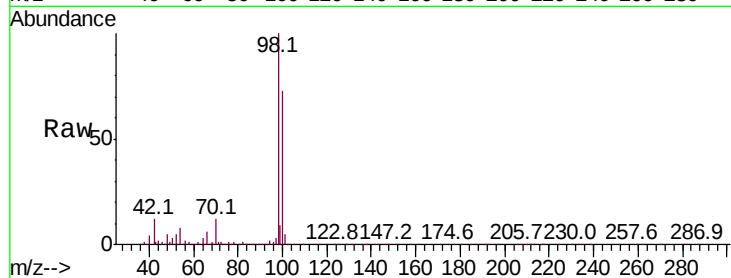




#50
Toluene-d8
Concen: 47.680 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.00 min
Lab File: VF062624.D
Acq: 16 May 2019 13:41

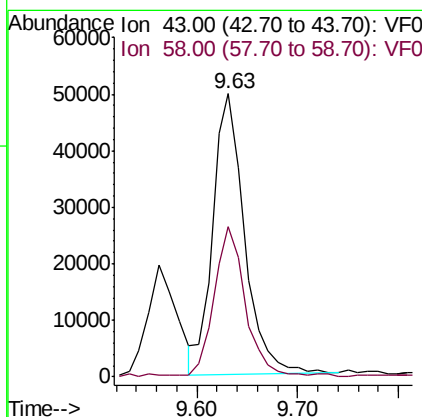
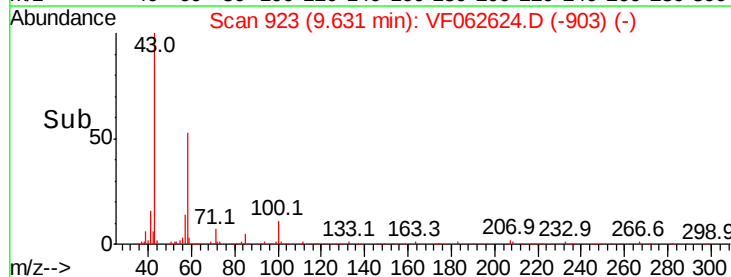
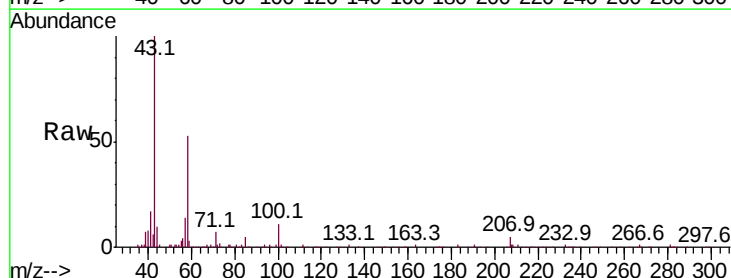
Instrument :
MSVOA_F
ClientSampleId :
VIBLK

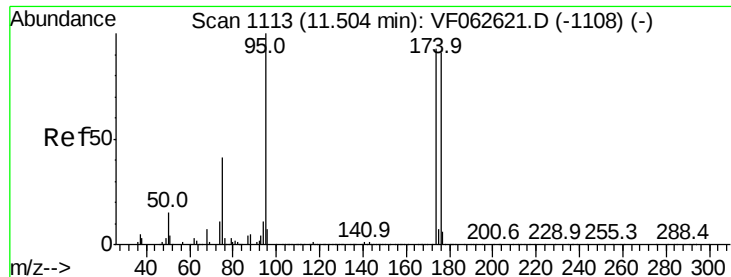
Tot Ion: 98 Resp: 1135500
Ion Ratio Lower Upper
98 100
100 72.7 56.2 84.2



#59
2-Hexanone
Concen: 18.068 ug/l
RT: 9.63 min Scan# 923
Delta R.T. 0.00 min
Lab File: VF062624.D
Acq: 16 May 2019 13:41

Tgt Ion: 43 Resp: 108732
Ion Ratio Lower Upper
43 100
58 53.0 28.1 84.4





#62

4-Bromofluorobenzene

Concen: 48.105 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VF062624.D

Acq: 16 May 2019 13:41

Instrument :

MSVOA_F

ClientSampleId :

VIBLK

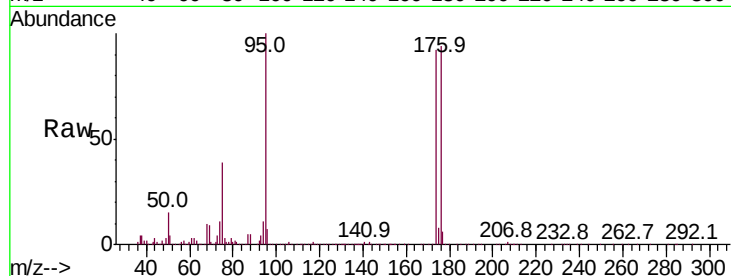
Tot Ion: 95 Resp: 434493

Ion Ratio Lower Upper

95 100

174 92.3 0.0 185.6

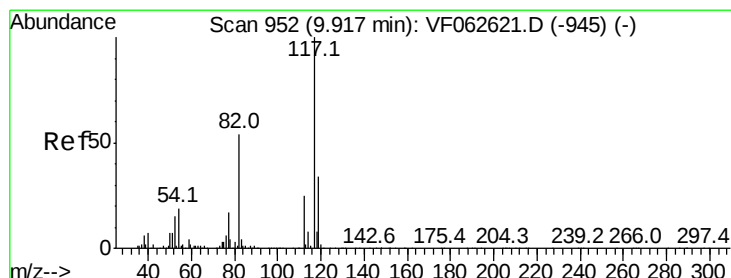
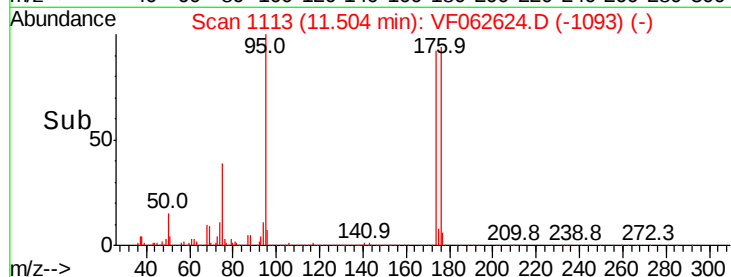
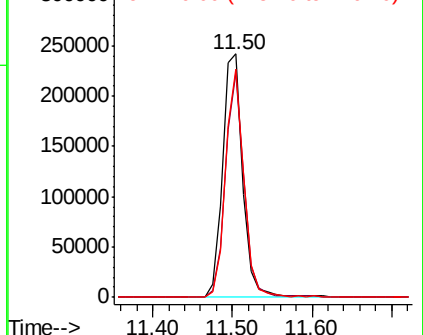
176 93.8 0.0 182.4



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: VF062624.D

Acq: 16 May 2019 13:41

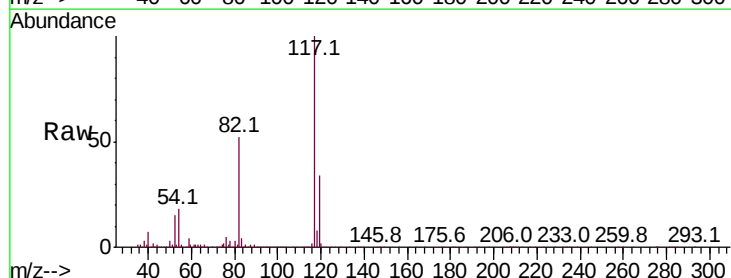
Tgt Ion: 117 Resp: 1022553

Ion Ratio Lower Upper

117 100

82 52.4 43.3 64.9

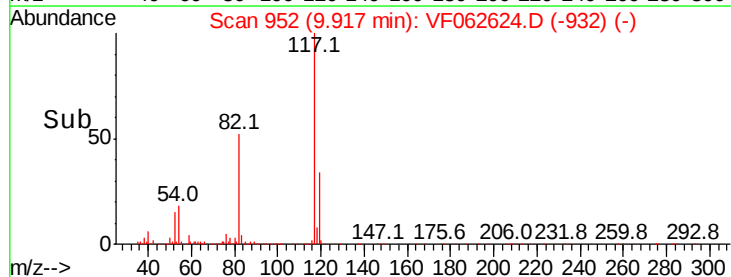
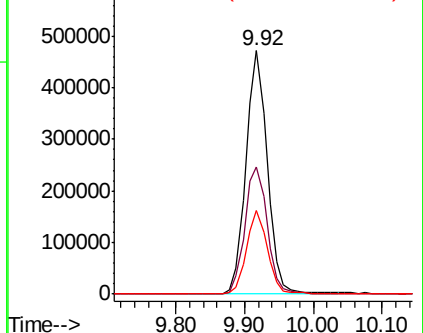
119 34.1 27.4 41.0

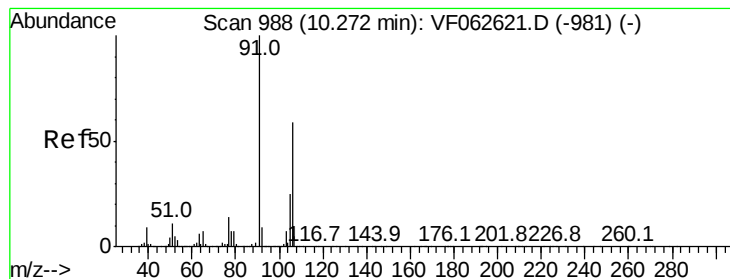


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#68

m/p-Xvlenes

Concen: 1.090 ug/l

RT: 10.26 min Scan# 987

Delta R.T. -0.01 min

Lab File: VF062624.D

Acq: 16 May 2019 13:41

Instrument :

MSVOA_F

ClientSampleId :

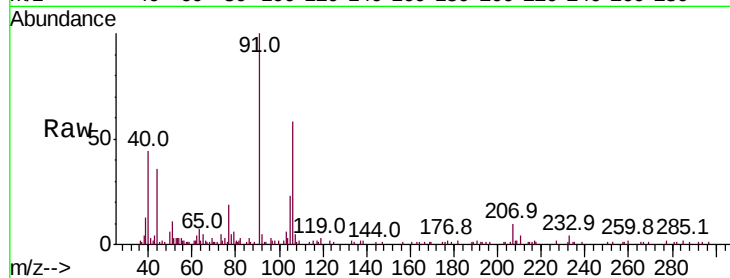
VIBLK

Tot Ion:106 Resp: 14296

Ion Ratio Lower Upper

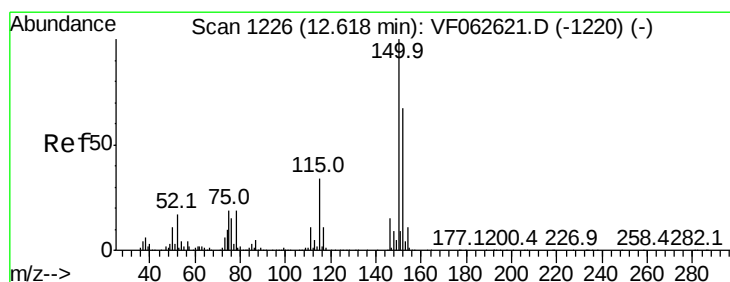
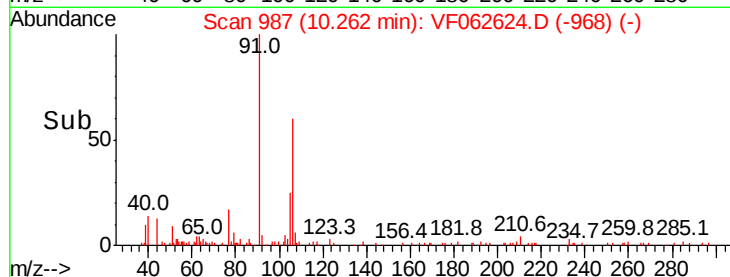
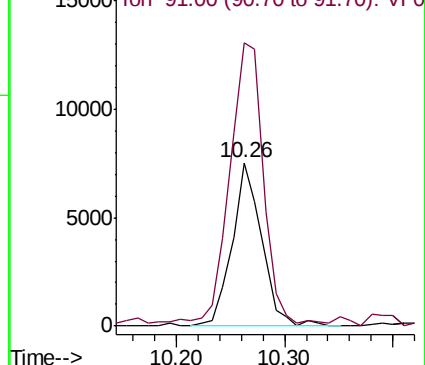
106 100

91 173.4 136.9 205.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): 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: VF062624.D

Acq: 16 May 2019 13:41

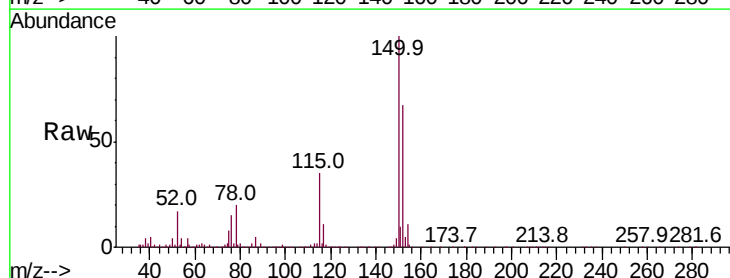
Tgt Ion:152 Resp: 503078

Ion Ratio Lower Upper

152 100

115 51.2 25.2 75.6

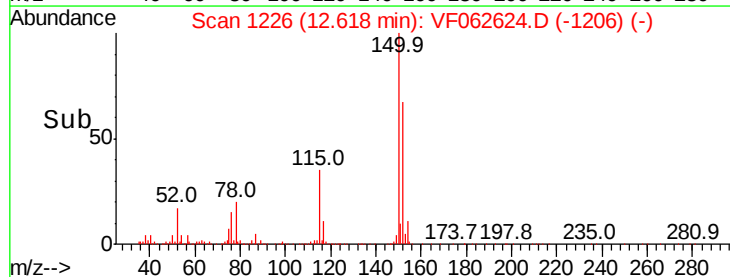
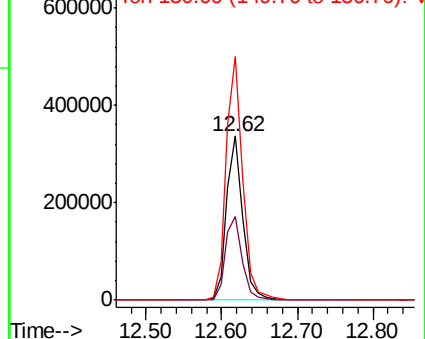
150 148.4 0.0 306.2

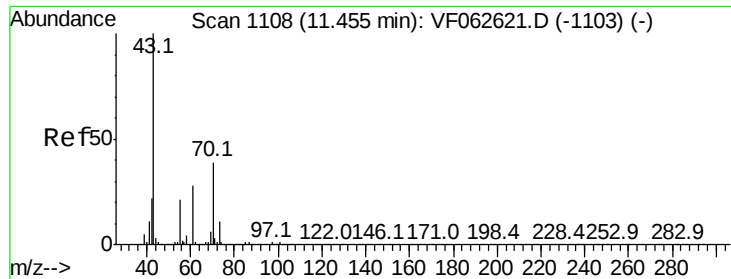


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

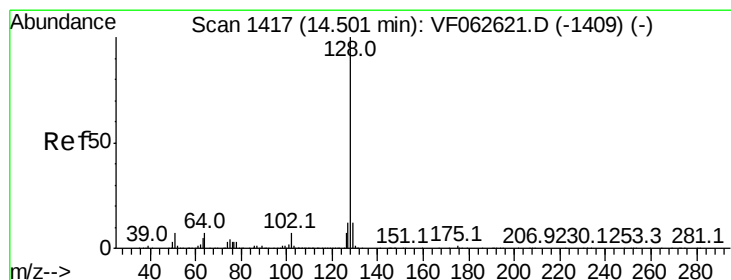
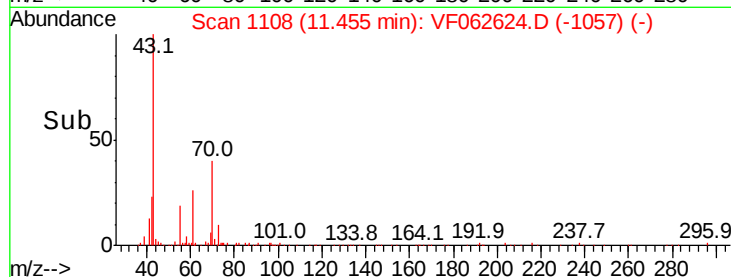
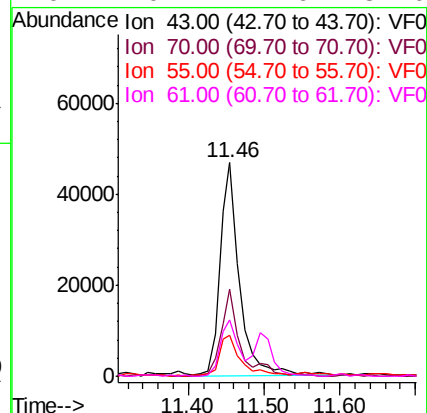
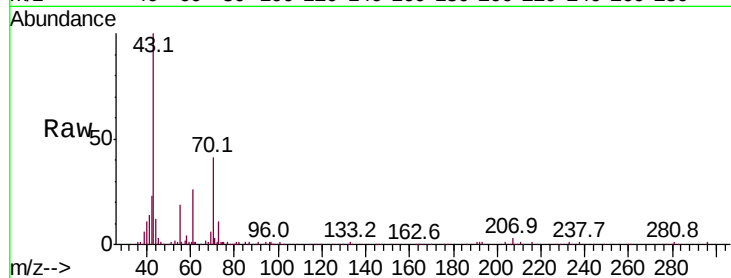




#74
N-amyl acetate
Concen: 4.311 ug/l
RT: 11.46 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VF062624.D
Acq: 16 May 2019 13:41

Instrument :
MSVOA_F
ClientSampleId :
VIBLK

Tot Ion:	43	Resp:	84790
Ion	Ratio	Lower	Upper
43	100		
70	40.6	30.9	46.3
55	19.4	17.0	25.4
61	26.2	22.6	34.0



#95
Naphthalene
Concen: 3.775 ug/l
RT: 14.50 min Scan# 1417
Delta R.T. 0.00 min
Lab File: VF062624.D
Acq: 16 May 2019 13:41

Tgt Ion:	128	Resp:	70955
Ion	Ratio	Lower	Upper
128	100		
127	12.3	9.7	14.5
129	10.9	9.3	13.9

