

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF050819\
 Data File : VF062375.D
 Acq On : 8 May 2019 14:16
 Operator : FY/SY
 Sample : K2673-01
 Misc : 5.04g/5mL/MSVOA F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-11-1.5-2.0

Quant Time: May 09 05:15:03 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

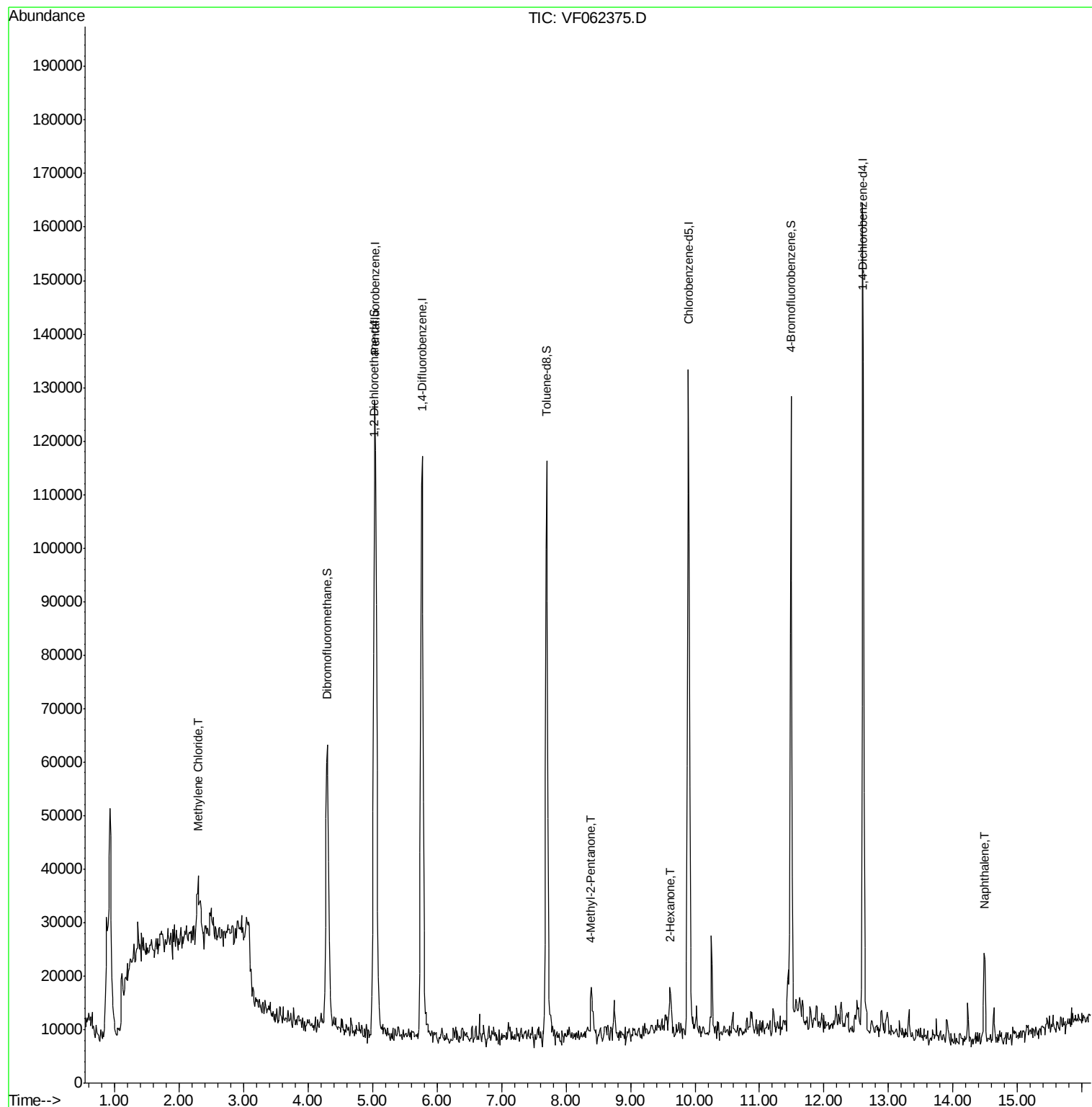
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	102265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	122117	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	90798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.60	152	41382	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	37741	39.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.10%	
35) Dibromofluoromethane	4.30	113	49143	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
50) Toluene-d8	7.70	98	91524	38.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.72%	
62) 4-Bromofluorobenzene	11.49	95	38397	36.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.28%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.30	84	6507	9.199	ug/l #	82
51) 4-Methyl-2-Pentanone	8.39	43	8925	24.685	ug/l	93
59) 2-Hexanone	9.60	43	9219	36.868	ug/l	79
95) Naphthalene	14.49	128	10110	6.587	ug/l #	92

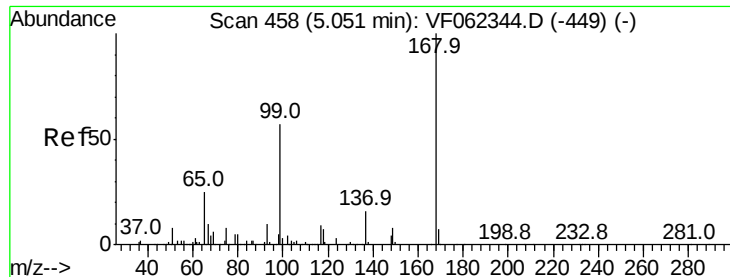
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.00 min

Lab File: VF062375.D

Acq: 8 May 2019 14:16

Instrument :

MSVOA_F

ClientSampleId :

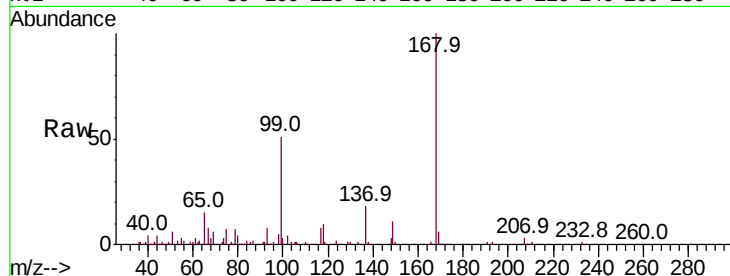
SB-11-1.5-2.0

Tot Ion:168 Resp: 102265

Ion Ratio Lower Upper

168 100

99 50.7 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.05

40000

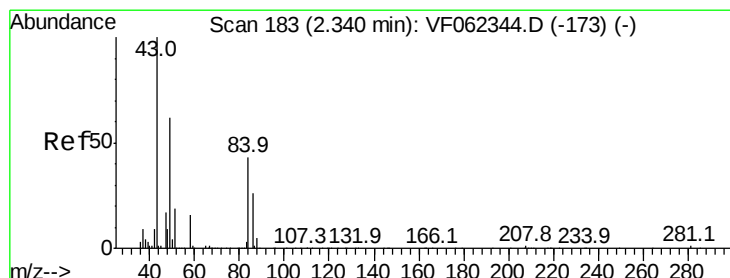
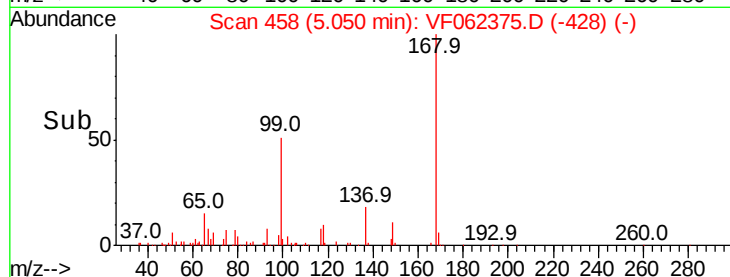
30000

20000

10000

0

Time--> 4.90 5.00 5.10



#20

Methylene Chloride

Concen: 9.199 ug/l

RT: 2.30 min Scan# 179

Delta R.T. -0.04 min

Lab File: VF062375.D

Acq: 8 May 2019 14:16

Tgt Ion: 84 Resp: 6507

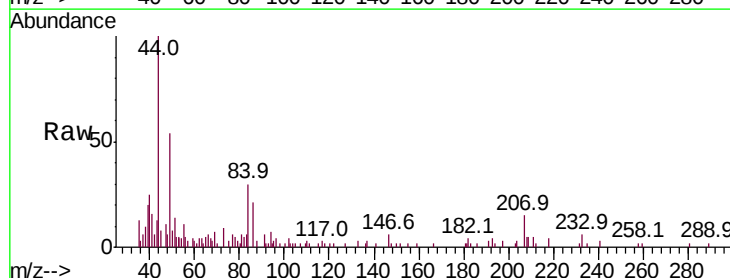
Ion Ratio Lower Upper

84 100

49 170.5 117.5 176.3

51 28.7 37.0 55.4#

86 70.1 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

4000

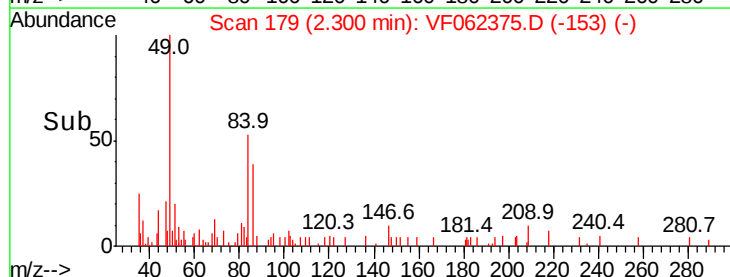
3000

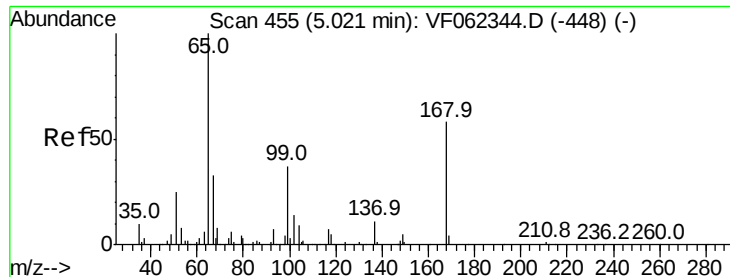
2000

1000

0

Time--> 2.20 2.30 2.40





#33

1,2-Dichloroethane-d4

Concen: 39.051 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.00 min

Lab File: VF062375.D

Acq: 8 May 2019 14:16

Instrument :

MSVOA_F

ClientSampleId :

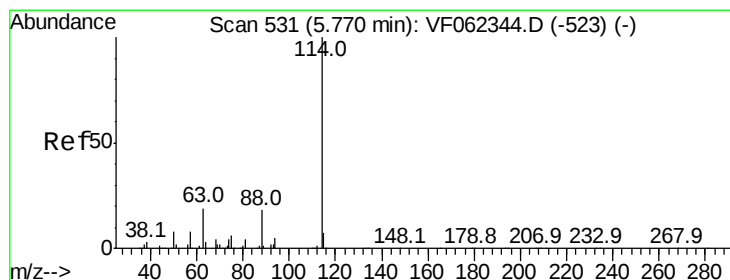
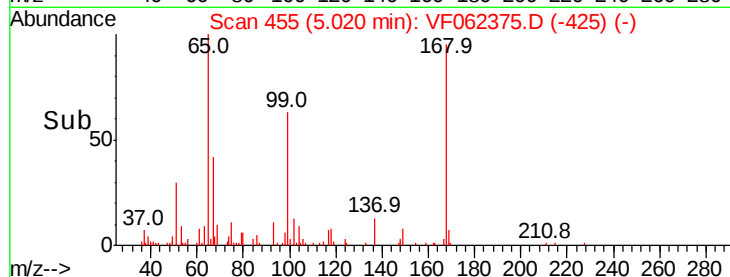
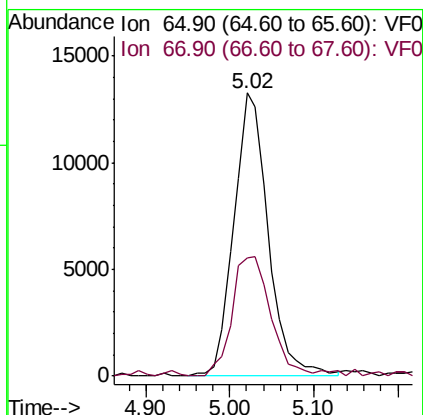
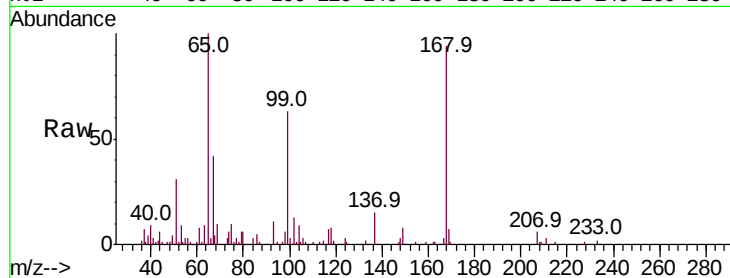
SB-11-1.5-2.0

Tot Ion: 65 Resp: 37741

Ion Ratio Lower Upper

65 100

67 47.2 0.0 85.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 531

Delta R.T. -0.00 min

Lab File: VF062375.D

Acq: 8 May 2019 14:16

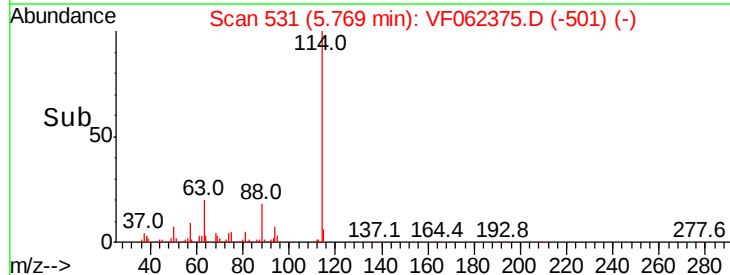
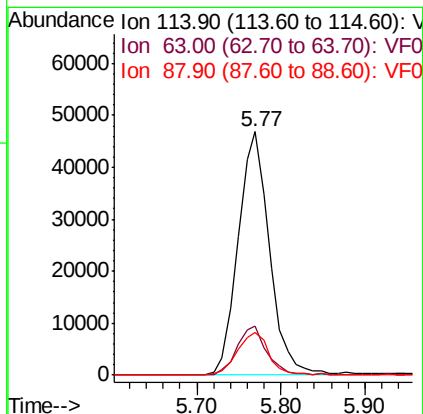
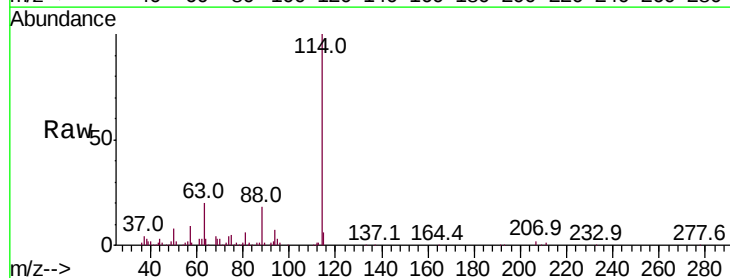
Tgt Ion: 114 Resp: 122117

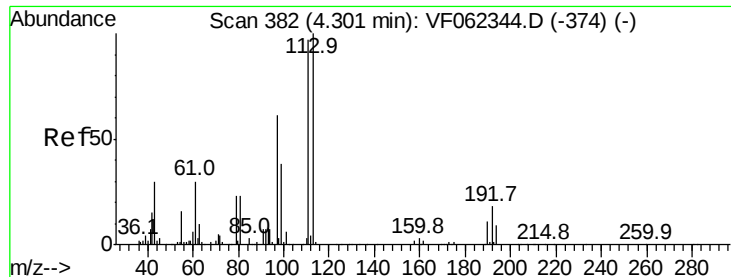
Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 17.5 0.0 36.4

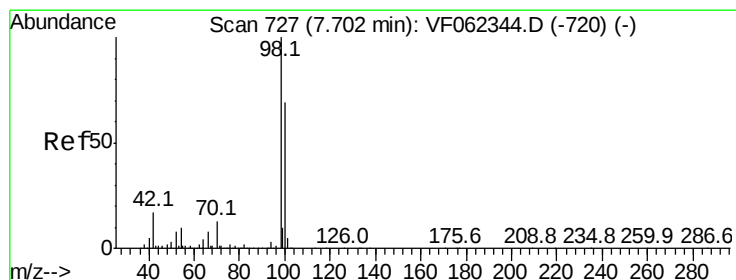
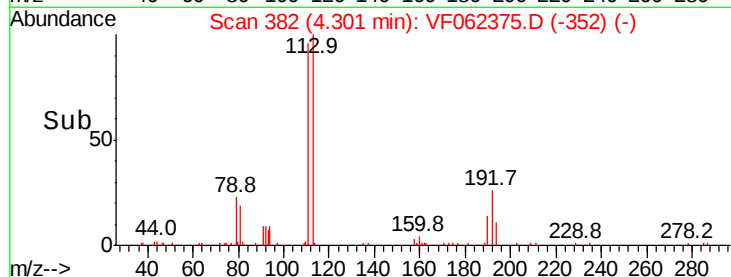
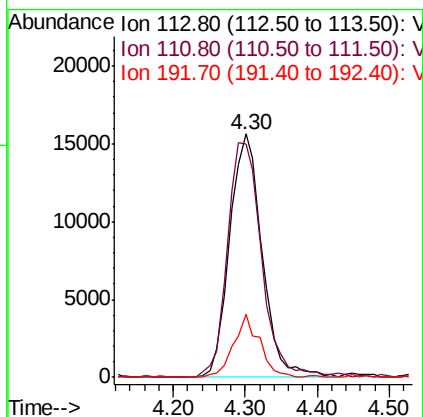
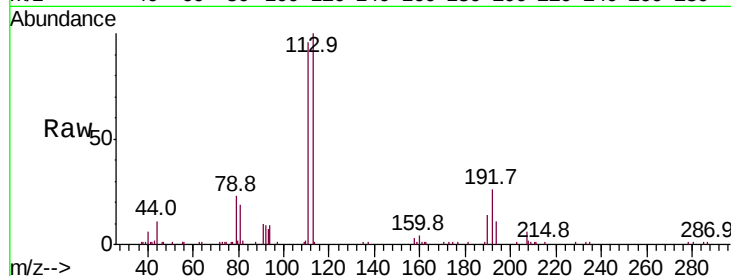




#35
Dibromofluoromethane
Concen: 50.513 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.00 min
Lab File: VF062375.D
Acq: 8 May 2019 14:16

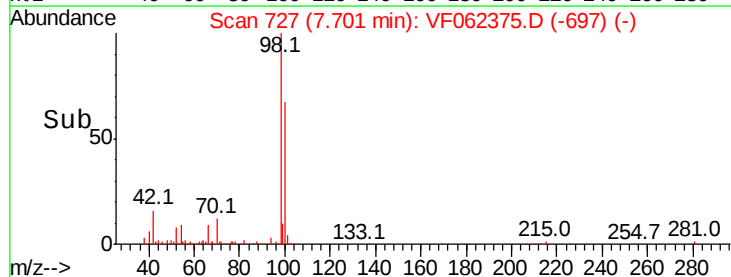
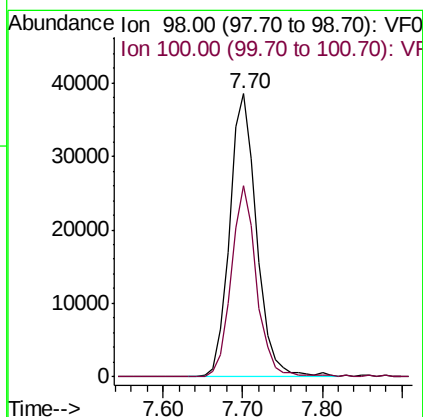
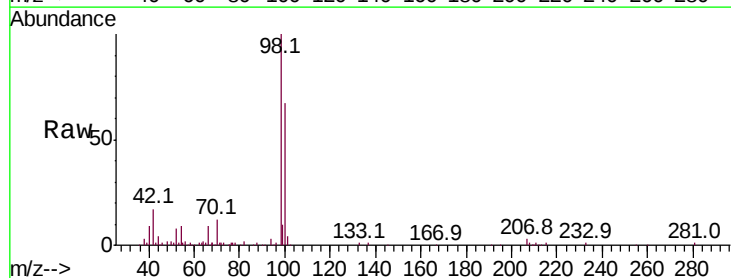
Instrument :
MSVOA_F
ClientSampleId :
SB-11-1.5-2.0

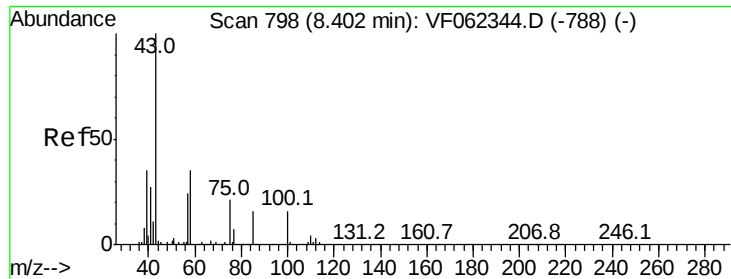
Tot Ion:113 Resp: 49143
Ion Ratio Lower Upper
113 100
111 101.3 79.4 119.0
192 20.7 16.0 24.0



#50
Toluene-d8
Concen: 38.863 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF062375.D
Acq: 8 May 2019 14:16

Tgt Ion: 98 Resp: 91524
Ion Ratio Lower Upper
98 100
100 63.5 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 24.685 ug/l

RT: 8.39 min Scan# 797

Delta R.T. -0.01 min

Lab File: VF062375.D

Acq: 8 May 2019 14:16

Instrument :

MSVOA_F

ClientSampleId :

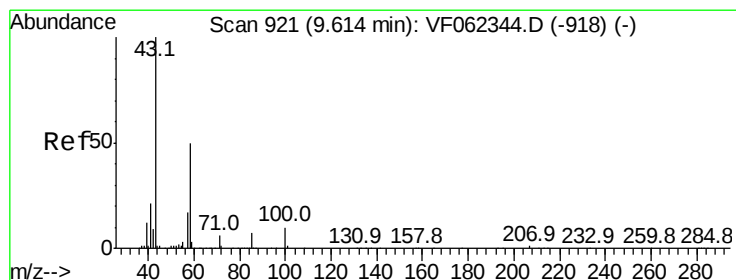
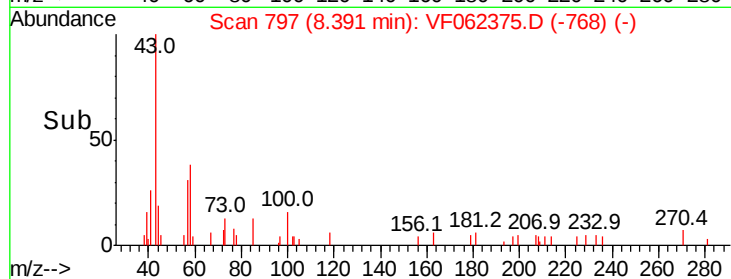
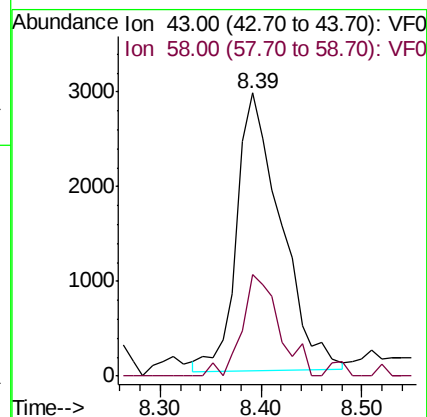
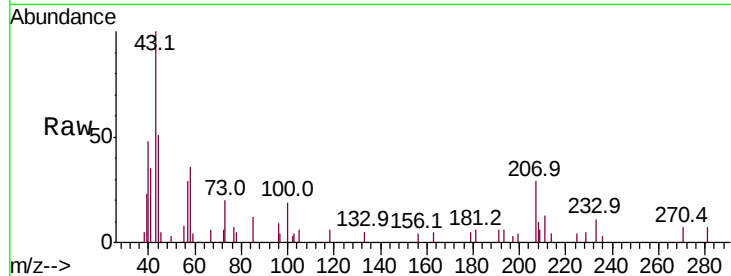
SB-11-1.5-2.0

Tot Ion: 43 Resp: 8925

Ion Ratio Lower Upper

43 100

58 30.8 27.8 41.6



#59

2-Hexanone

Concen: 36.868 ug/l

RT: 9.60 min Scan# 920

Delta R.T. -0.01 min

Lab File: VF062375.D

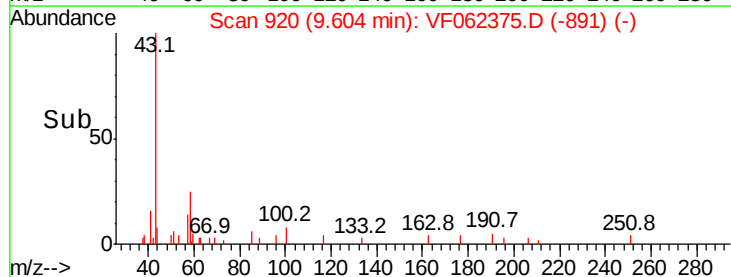
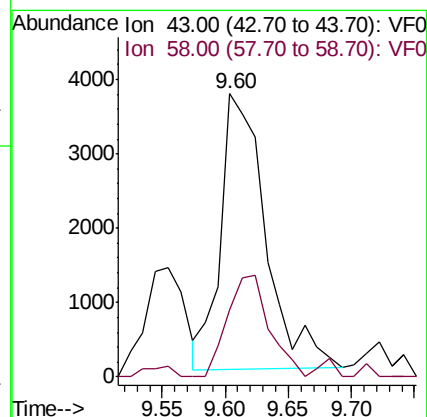
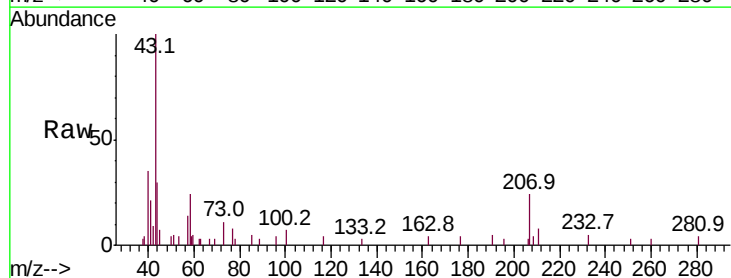
Acq: 8 May 2019 14:16

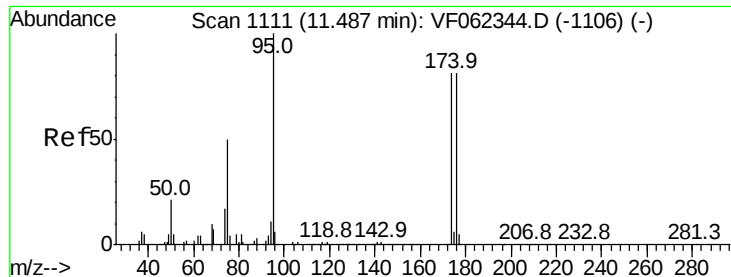
Tgt Ion: 43 Resp: 9219

Ion Ratio Lower Upper

43 100

58 34.2 24.3 73.0





#62

4-Bromofluorobenzene

Concen: 36.138 ug/l

RT: 11.49 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VF062375.D

Acq: 8 May 2019 14:16

Instrument :

MSVOA_F

ClientSampleId :

SB-11-1.5-2.0

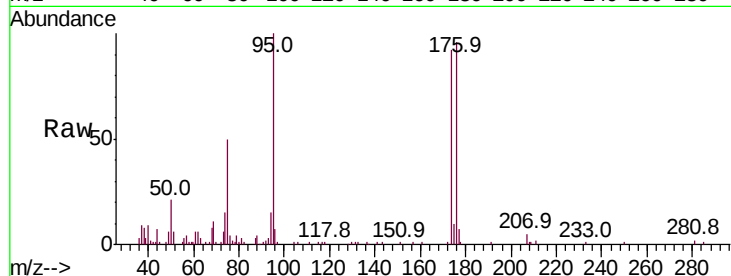
Tot Ion: 95 Resp: 38397

Ion Ratio Lower Upper

95 100

174 98.3 0.0 191.8

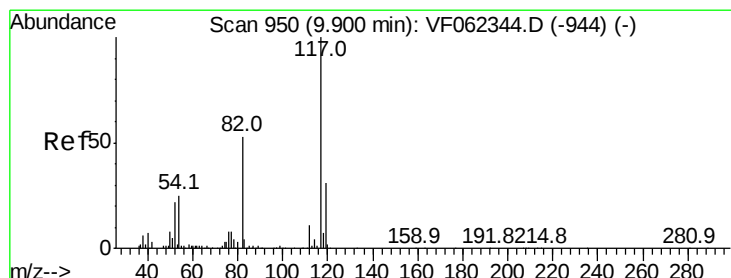
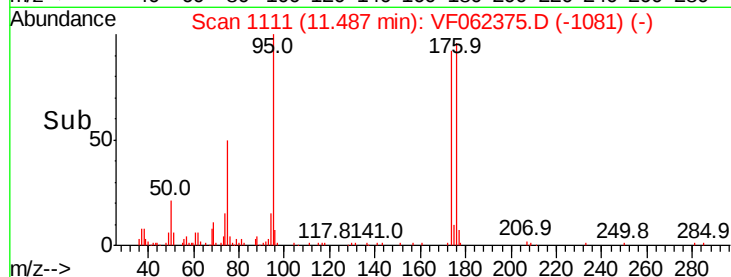
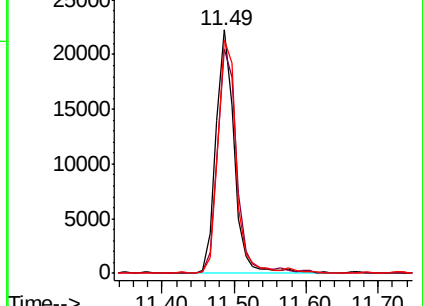
176 96.2 0.0 193.2



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: 9.90 min Scan# 950

Delta R.T. -0.00 min

Lab File: VF062375.D

Acq: 8 May 2019 14:16

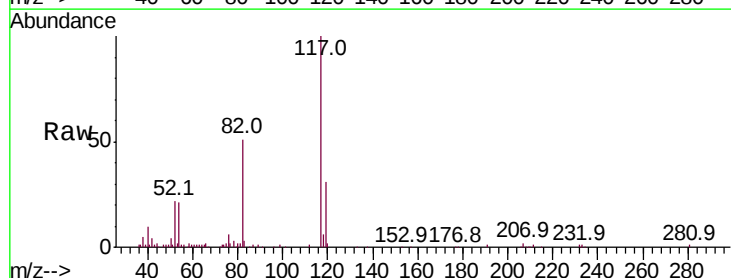
Tgt Ion: 117 Resp: 90798

Ion Ratio Lower Upper

117 100

82 51.1 42.2 63.2

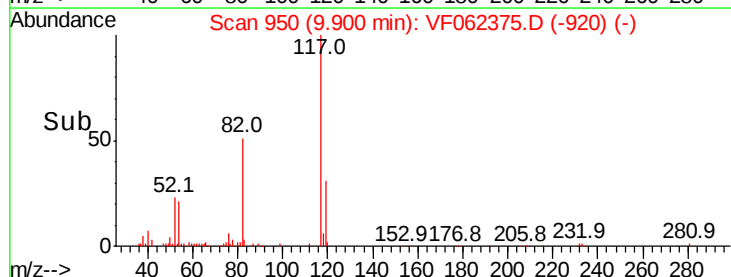
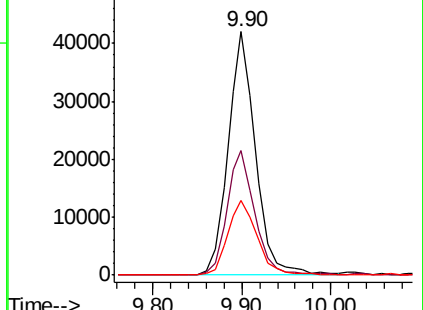
119 30.6 25.0 37.4

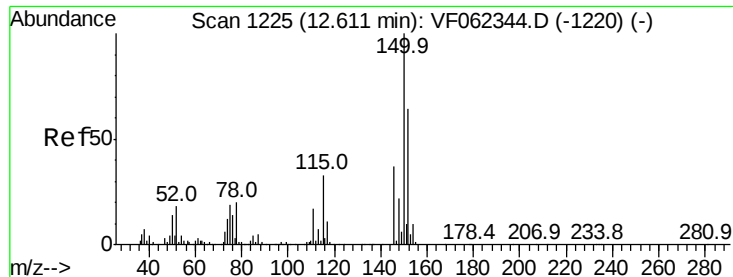


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 118.90 (118.60 to 119.60): V



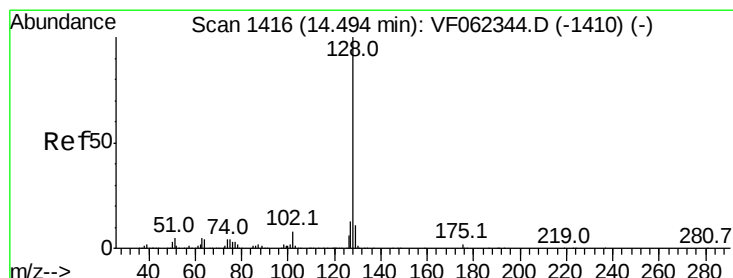
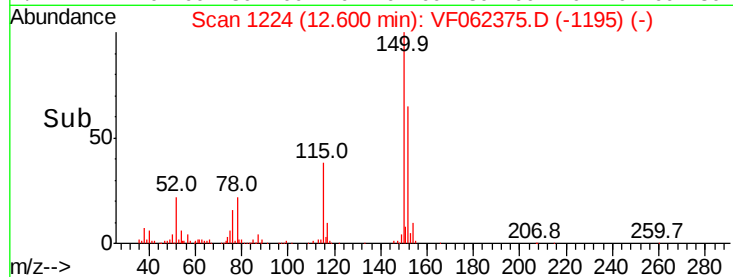
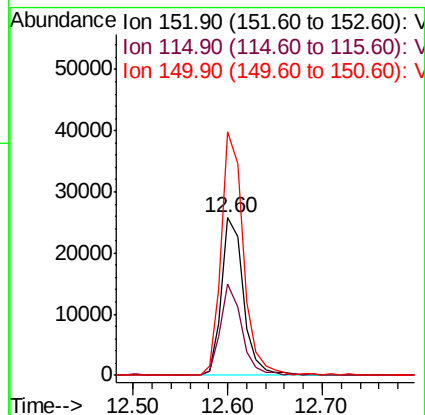
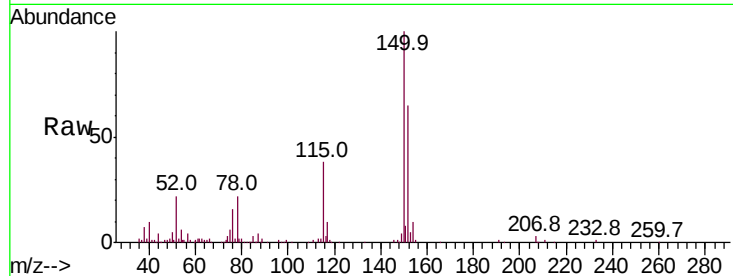


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VF062375.D
Acq: 8 May 2019 14:16

Instrument :
MSVOA_F
ClientSampleId :
SB-11-1.5-2.0

Tot Ion:152 Resp: 41382
Ion Ratio Lower Upper
152 100
115 57.3 26.4 79.2
150 155.8 0.0 335.0



#95

Naphthalene
Concen: 6.587 ug/l
RT: 14.49 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VF062375.D
Acq: 8 May 2019 14:16

Tgt Ion:128 Resp: 10110
Ion Ratio Lower Upper
128 100
127 16.3 10.5 15.7#
129 13.4 8.6 12.8#

