

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF050819\
 Data File : VF062382.D
 Acq On : 8 May 2019 17:32
 Operator : FY/SY
 Sample : K2673-15RE
 Misc : 5.04g/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-01-COMPRES

Quant Time: May 09 05:28:24 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	5.04	168	290810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	383373	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.89	117	273711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	104057	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	144977	52.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.50%	
35) Dibromofluoromethane	4.30	113	165646	54.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.46%	
50) Toluene-d8	7.70	98	280441	37.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.86%	
62) 4-Bromofluorobenzene	11.48	95	105350	31.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.16%	

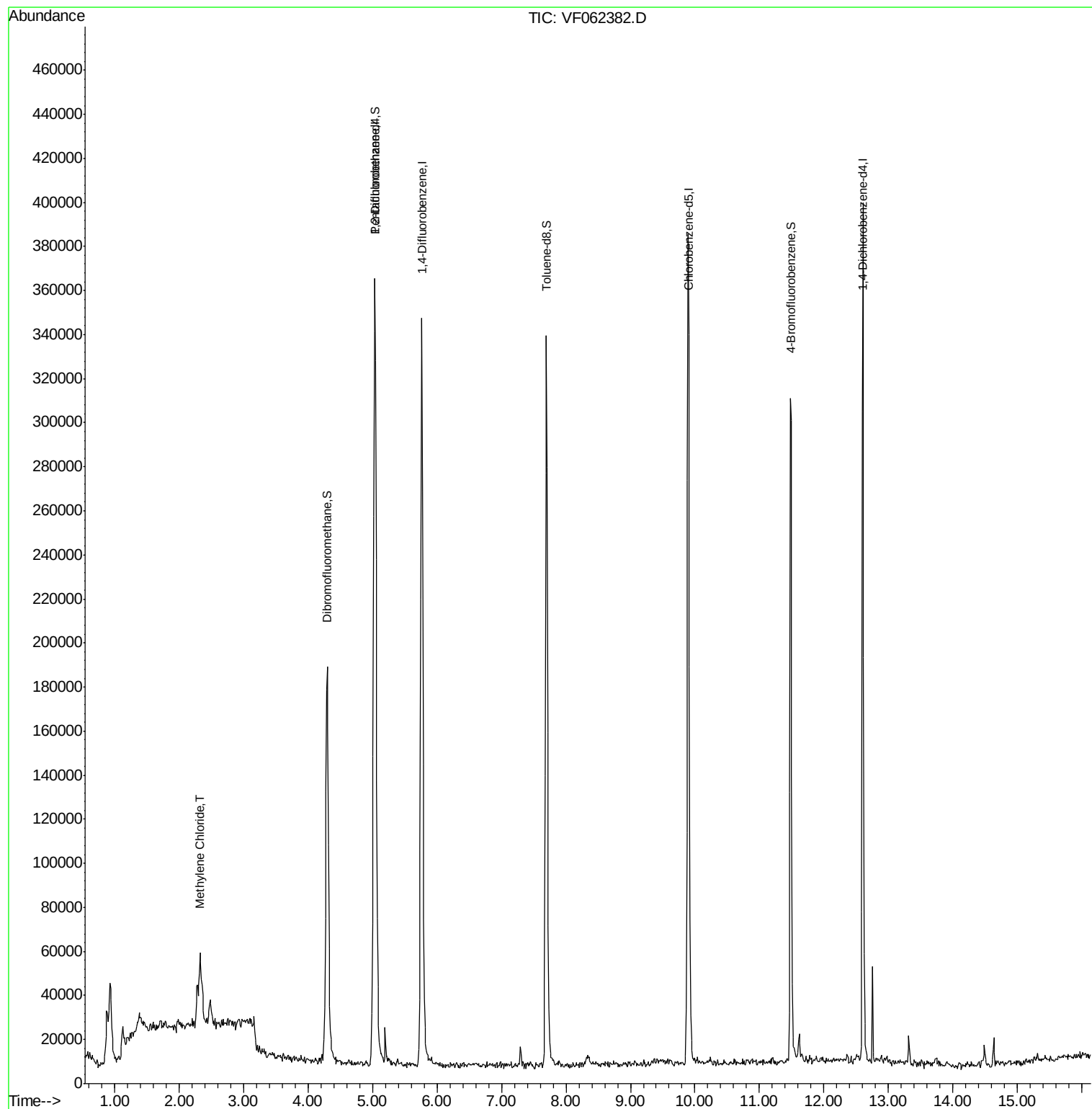
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.32	84	28760m	14.298	ug/l	

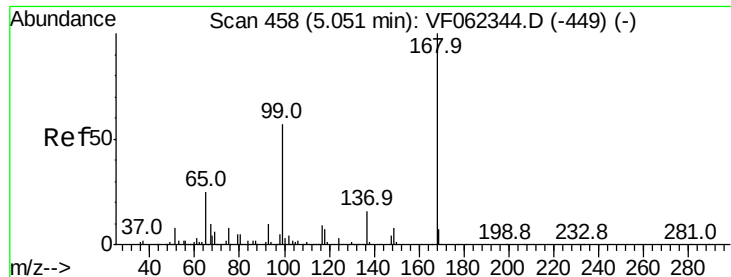
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 458

Delta R.T. -0.01 min

Lab File: VF062382.D

Acq: 8 May 2019 17:32

Instrument :

MSVOA_F

ClientSampleId :

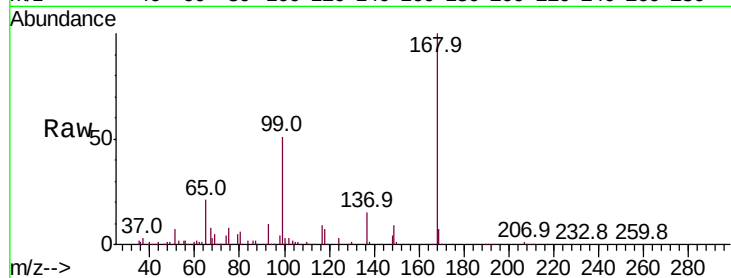
SP-01-COMPRES

Tot Ion:168 Resp: 290810

Ion Ratio Lower Upper

168 100

99 50.9 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.04

100000

80000

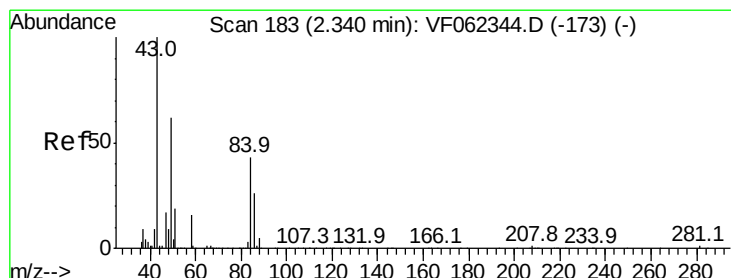
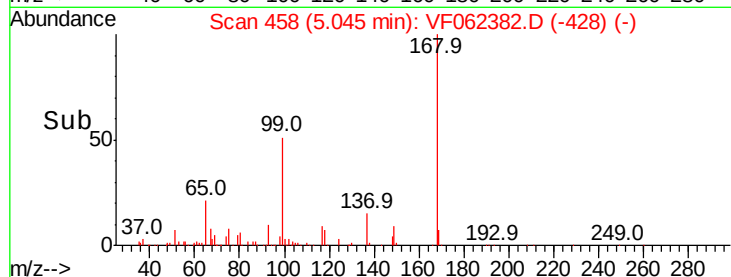
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 14.298 ug/l m

RT: 2.32 min Scan# 182

Delta R.T. -0.02 min

Lab File: VF062382.D

Acq: 8 May 2019 17:32

Tgt Ion: 84 Resp: 28760

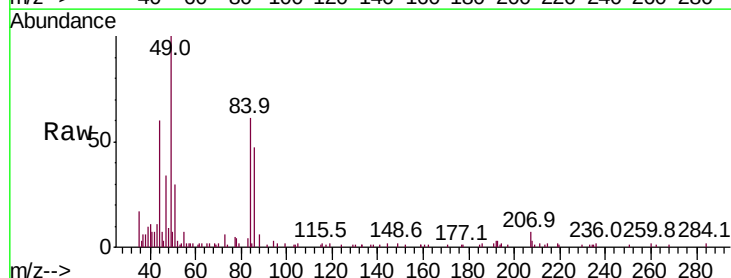
Ion Ratio Lower Upper

84 100

49 163.0 117.5 176.3

51 48.5 37.0 55.4

86 76.4 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

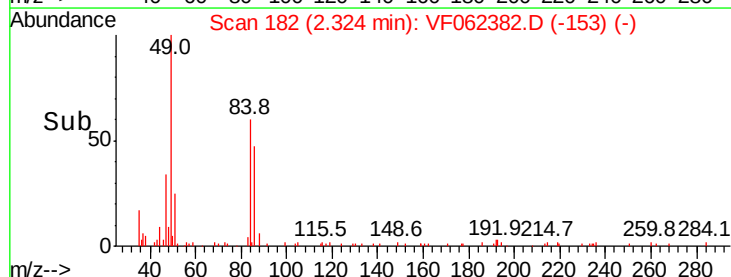
15000

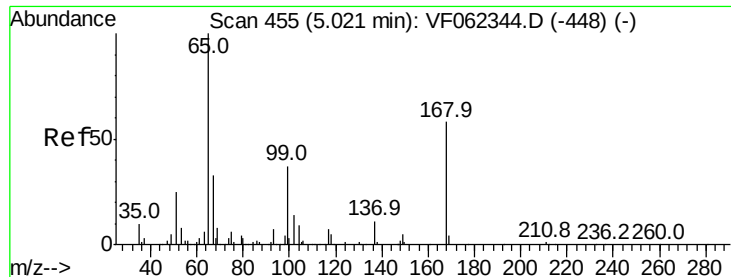
10000

5000

0

Time-->

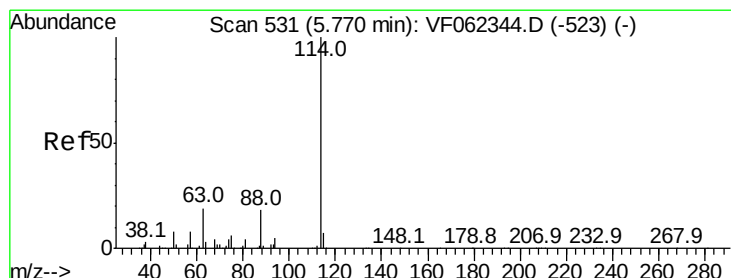
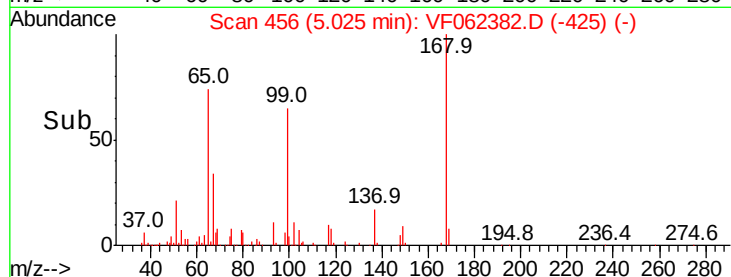
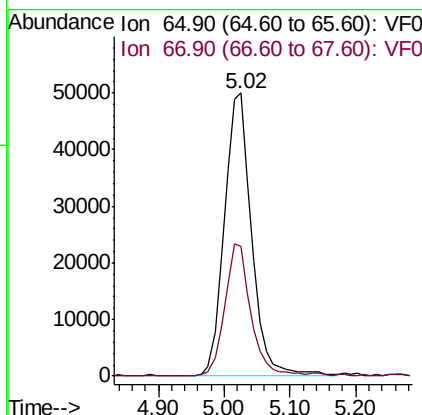
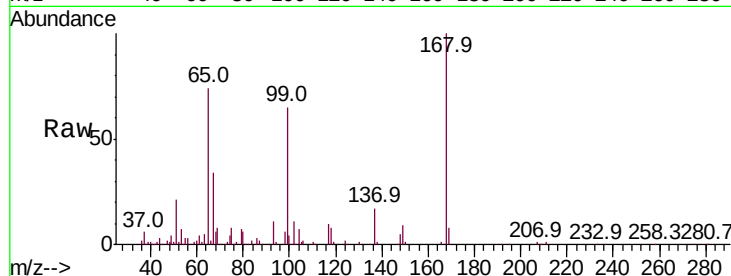




#33
 1,2-Dichloroethane-d4
 Concen: 52.752 ug/l
 RT: 5.02 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: VF062382.D
 Acq: 8 May 2019 17:32

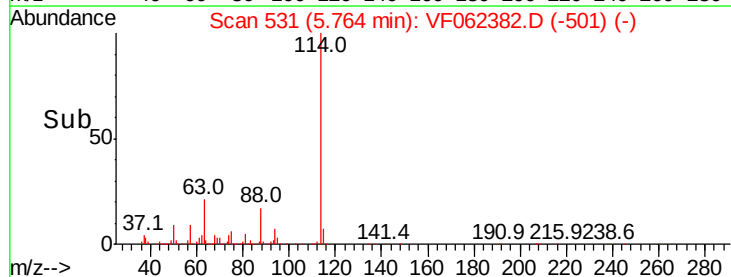
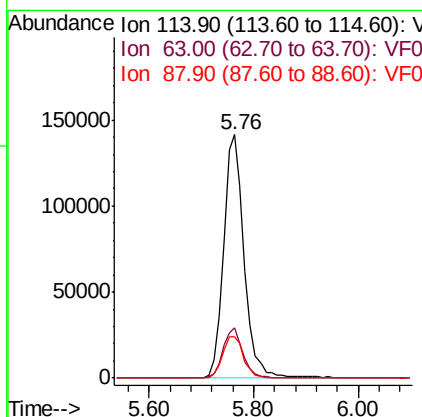
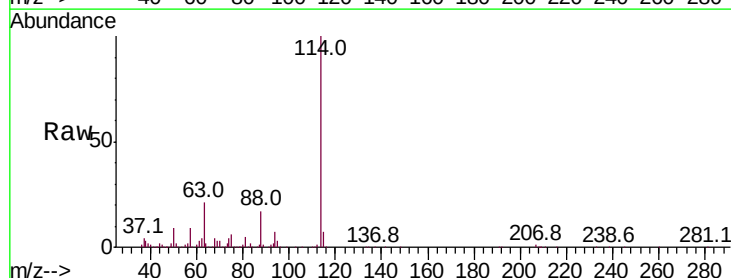
Instrument :
 MSVOA_F
 ClientSampleId :
 SP-01-COMPRES

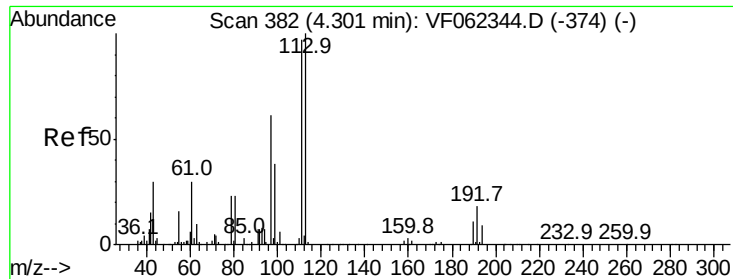
Tot Ion: 65 Resp: 144977
 Ion Ratio Lower Upper
 65 100
 67 44.5 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.76 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VF062382.D
 Acq: 8 May 2019 17:32

Tgt Ion: 114 Resp: 383373
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 37.4
 88 17.2 0.0 36.4

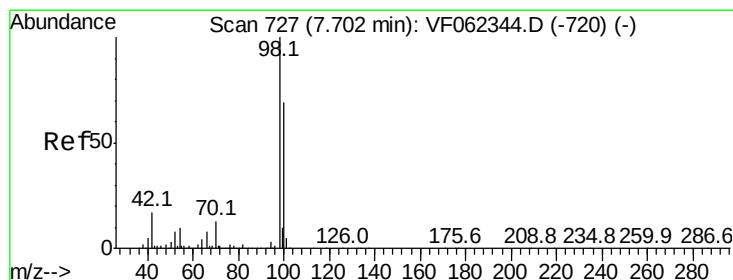
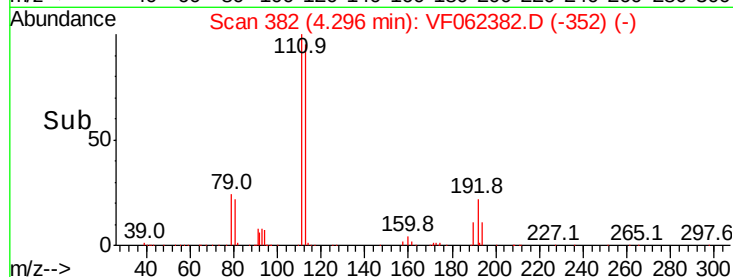
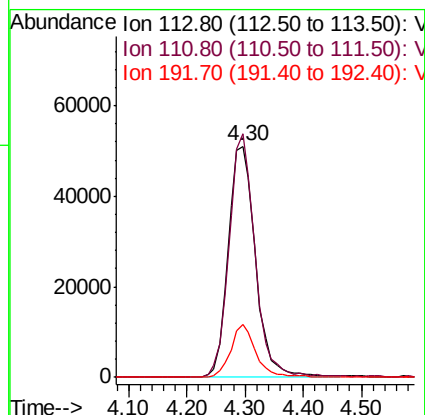
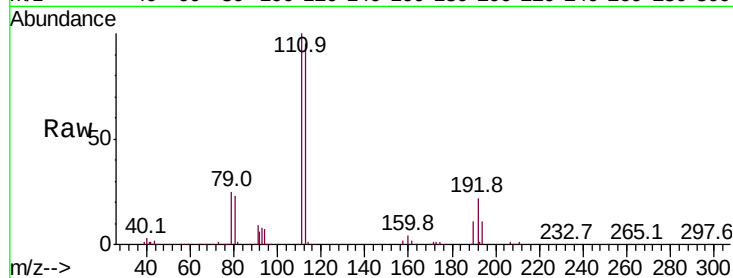




#35
 Dibromofluoromethane
 Concen: 54.234 ug/l
 RT: 4.30 min Scan# 382
 Delta R.T. -0.01 min
 Lab File: VF062382.D
 Acq: 8 May 2019 17:32

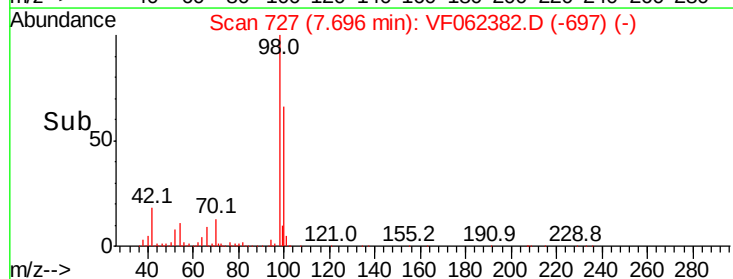
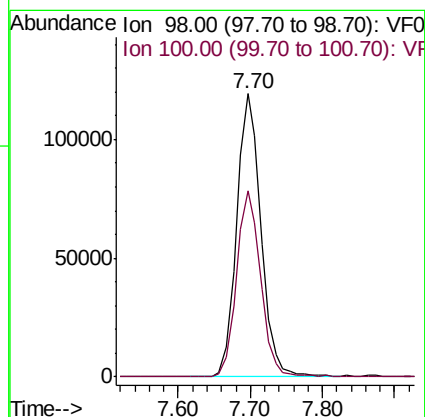
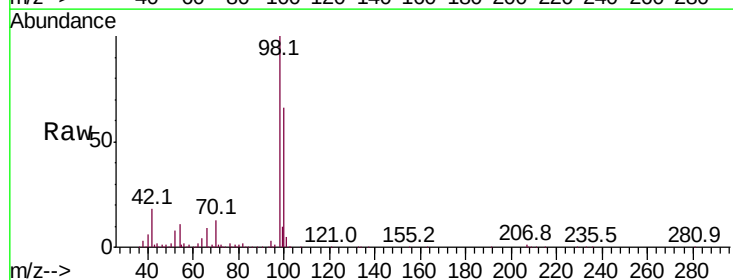
Instrument :
 MSVOA_F
 ClientSampleId :
 SP-01-COMPRES

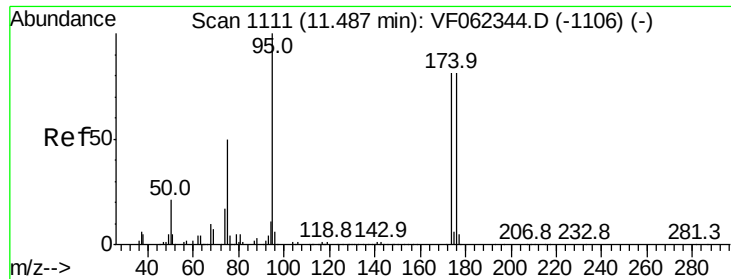
Tot Ion:113 Resp: 165646
 Ion Ratio Lower Upper
 113 100
 111 100.7 79.4 119.0
 192 21.0 16.0 24.0



#50
 Toluene-d8
 Concen: 37.932 ug/l
 RT: 7.70 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VF062382.D
 Acq: 8 May 2019 17:32

Tgt Ion: 98 Resp: 280441
 Ion Ratio Lower Upper
 98 100
 100 65.2 53.3 79.9





#62

4-Bromofluorobenzene

Concen: 31.584 ug/l

RT: 11.48 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VF062382.D

Acq: 8 May 2019 17:32

Instrument :

MSVOA_F

ClientSampleId :

SP-01-COMPRES

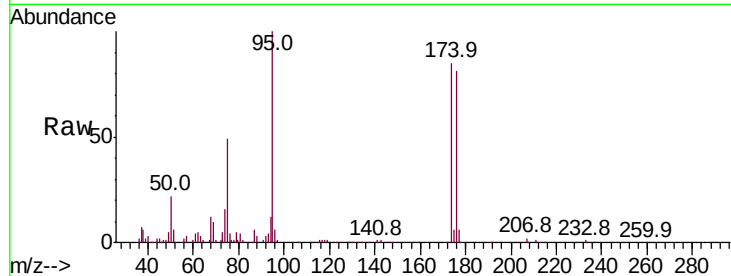
Tot Ion: 95 Resp: 105350

Ion Ratio Lower Upper

95 100

174 96.1 0.0 191.8

176 93.9 0.0 193.2

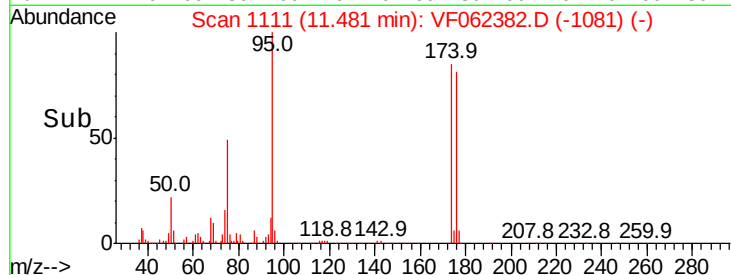


Abundance Ion 94.90 (94.60 to 95.60): VF062344.D (-1106) (-)

Ion 173.80 (173.50 to 174.50): VF062344.D (-1106) (-)

Ion 175.80 (175.50 to 176.50): VF062344.D (-1106) (-)

Time-->

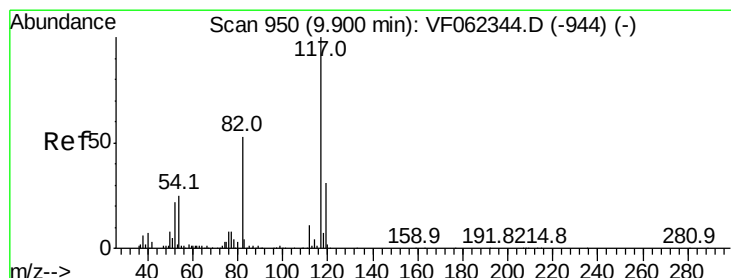


Abundance Ion 94.90 (94.60 to 95.60): VF062382.D (-1081) (-)

Ion 173.80 (173.50 to 174.50): VF062382.D (-1081) (-)

Ion 175.80 (175.50 to 176.50): VF062382.D (-1081) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.89 min Scan# 950

Delta R.T. -0.01 min

Lab File: VF062382.D

Acq: 8 May 2019 17:32

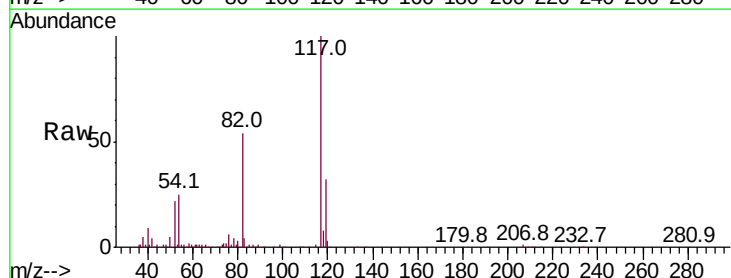
Tgt Ion: 117 Resp: 273711

Ion Ratio Lower Upper

117 100

82 54.3 42.2 63.2

119 32.4 25.0 37.4

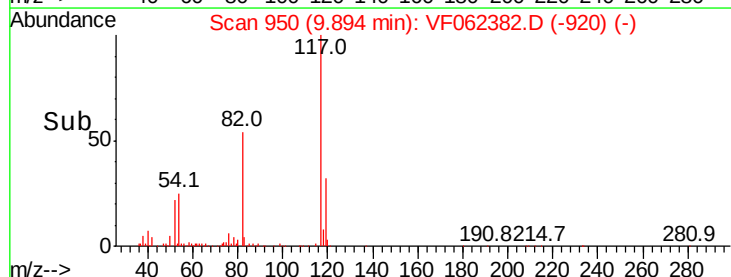


Abundance Ion 116.90 (116.60 to 117.60): VF062344.D (-944) (-)

Ion 82.00 (81.70 to 82.70): VF062344.D (-944) (-)

Ion 118.90 (118.60 to 119.60): VF062344.D (-944) (-)

Time-->

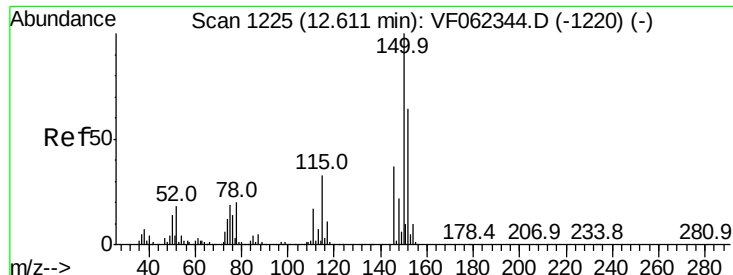


Abundance Ion 116.90 (116.60 to 117.60): VF062382.D (-920) (-)

Ion 82.00 (81.70 to 82.70): VF062382.D (-920) (-)

Ion 118.90 (118.60 to 119.60): VF062382.D (-920) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VF062382.D

Acq: 8 May 2019 17:32

Instrument :

MSVOA_F

ClientSampleId :

SP-01-COMPARE

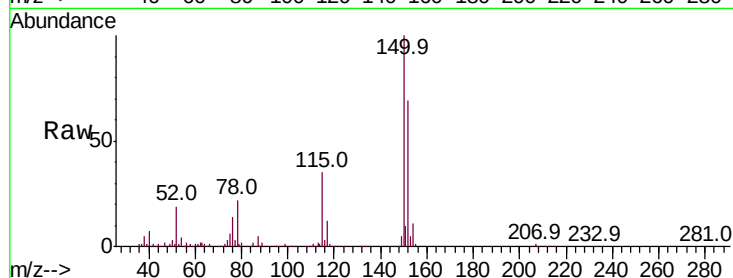
Tot Ion:152 Resp: 104057

Ion Ratio Lower Upper

152 100

115 52.9 26.4 79.2

150 151.5 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

