

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051249.D
 Acq On : 16 Sep 2018 2:57
 Operator : MD\SY
 Sample : J4929-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-PIT-12

Quant Time: Sep 17 05:32:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	420176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	663747	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	537851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	161160	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	231506	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
35) Dibromofluoromethane	7.59	113	244537	49.03	ug/l	0.00
Spiked Amount			Recovery	=	98.06%	
50) Toluene-d8	10.09	98	848638	44.84	ug/l	0.00
Spiked Amount			Recovery	=	89.68%	
62) 4-Bromofluorobenzene	12.40	95	216281	34.55	ug/l	0.00
Spiked Amount			Recovery	=	69.10%	

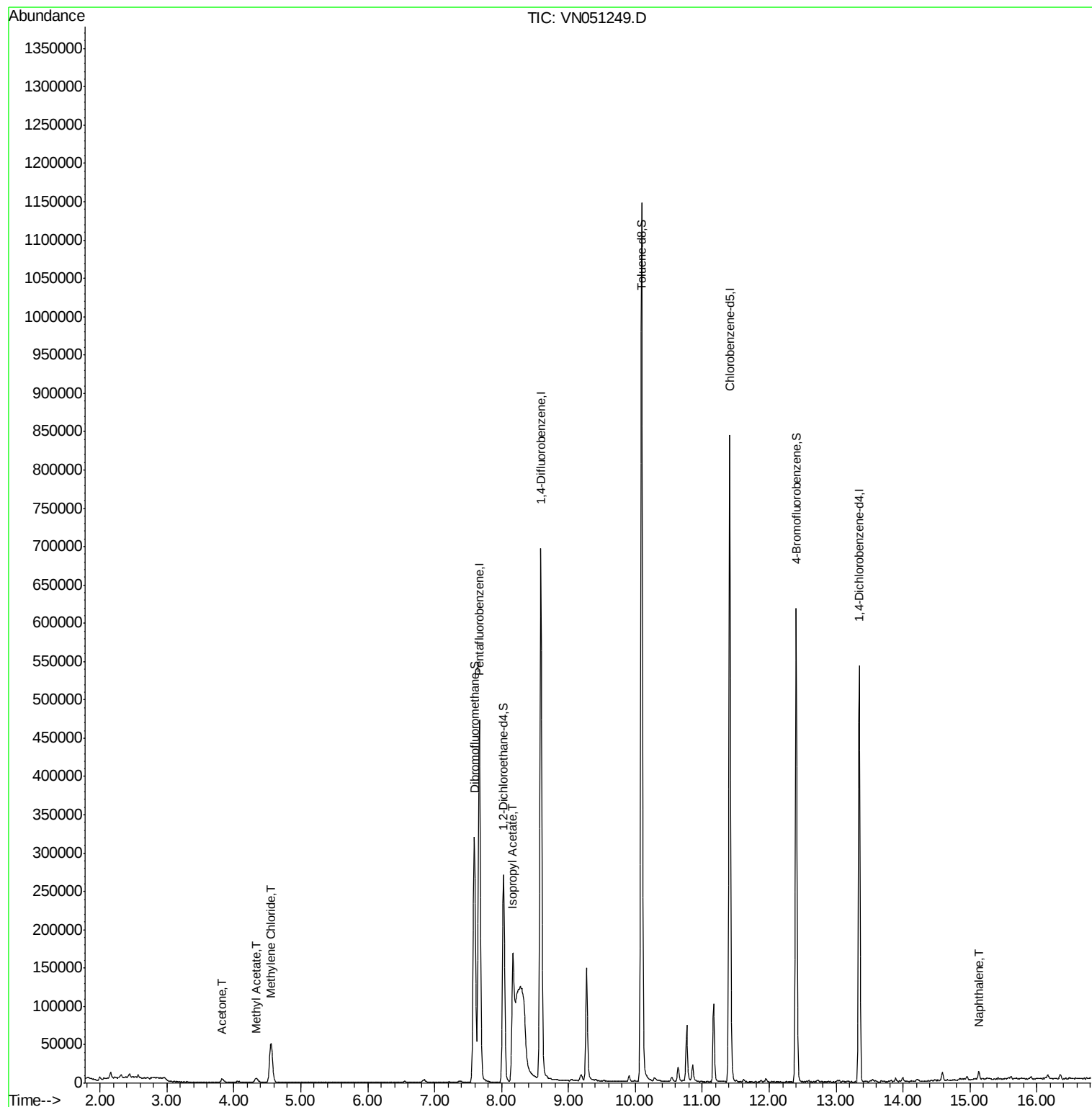
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	8586	1.63	ug/l #	87
18) Methyl Acetate	4.34	43	11601	3.10	ug/l	93
20) Methylene Chloride	4.55	84	42587	8.25	ug/l	96
43) Isopropyl Acetate	8.17	43	231363	31.07	ug/l #	77
95) Naphthalene	15.13	128	9939	6.81	ug/l	98

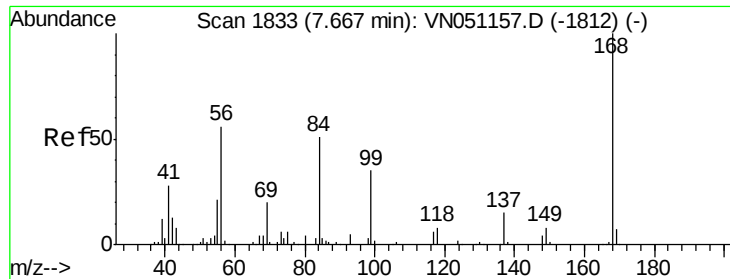
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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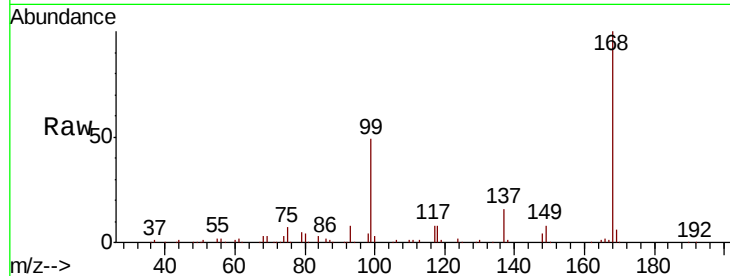


#1

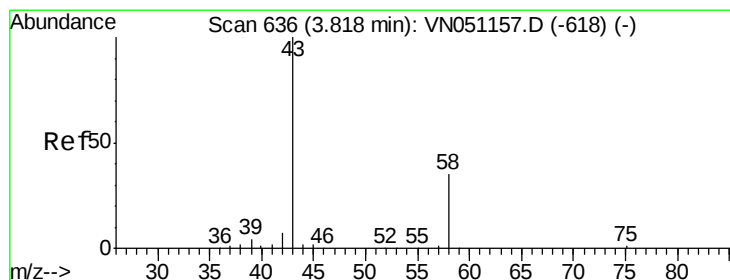
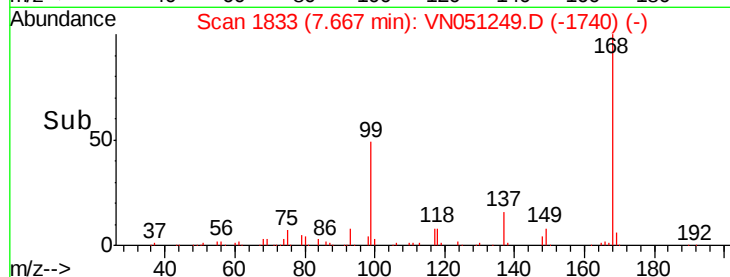
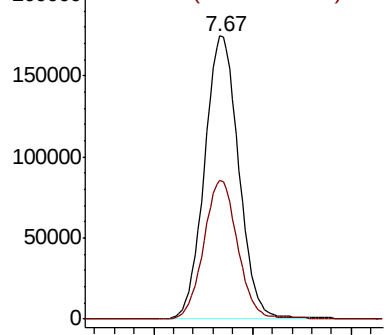
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VN051249.D
 Acq: 16 Sep 2018 2:57

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-PIT-12

Tot Ion:168 Resp: 420176
 Ion Ratio Lower Upper
 168 100
 99 48.9 38.3 57.5



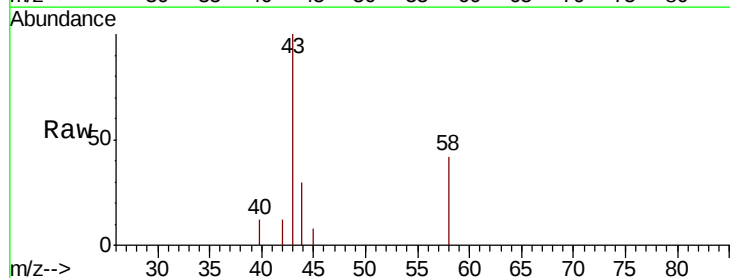
Abundance Ion 167.90 (167.60 to 168.60): VN051157.D (-1812) (-)
 Ion 98.90 (98.60 to 99.60): VN051157.D (-1812) (-)



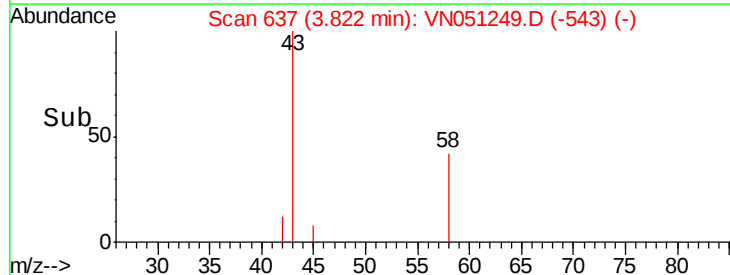
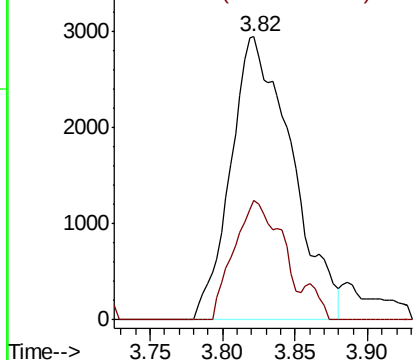
#16

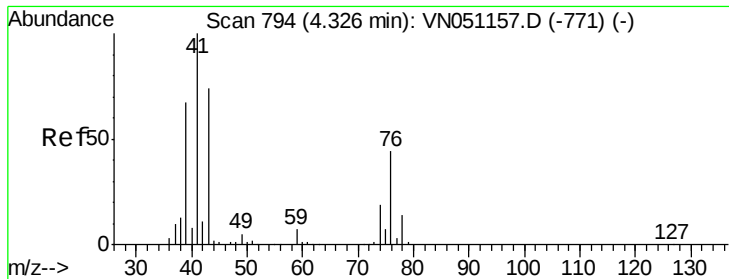
Acetone
 Concen: 1.63 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN051249.D
 Acq: 16 Sep 2018 2:57

Tgt Ion: 43 Resp: 8586
 Ion Ratio Lower Upper
 43 100
 58 42.1 27.8 41.6#



Abundance Ion 43.00 (42.70 to 43.70): VN051157.D (-618) (-)
 Ion 58.00 (57.70 to 58.70): VN051157.D (-618) (-)

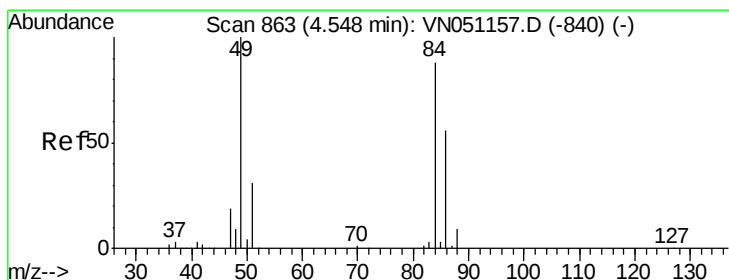
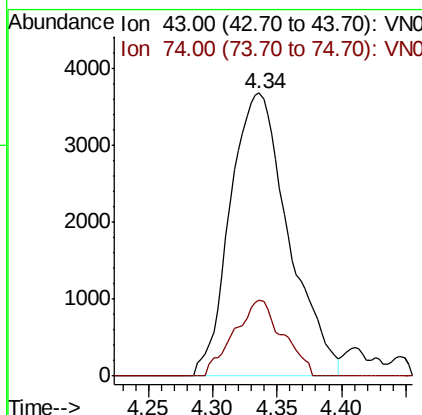
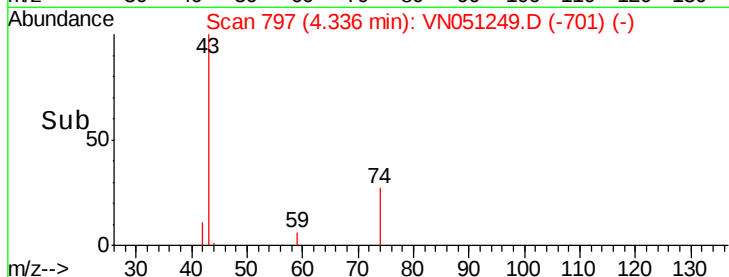
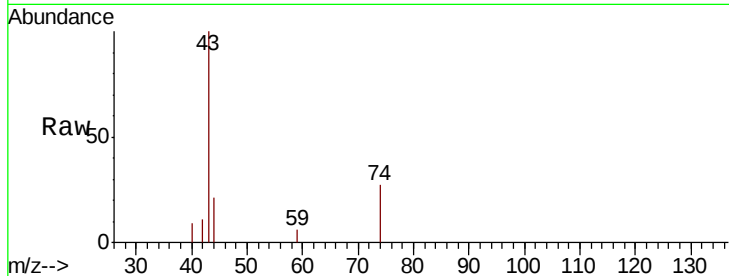




#18
Methvl Acetate
Concen: 3.10 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051249.D
Acq: 16 Sep 2018 2:57

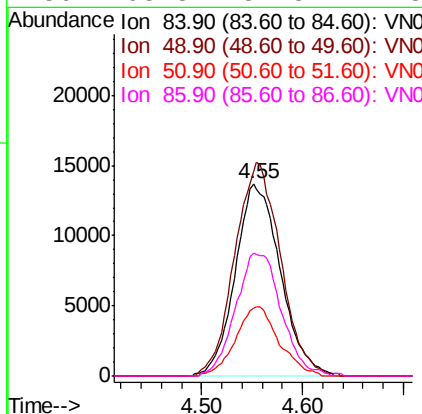
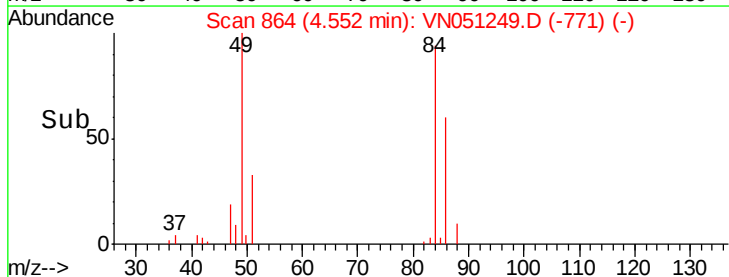
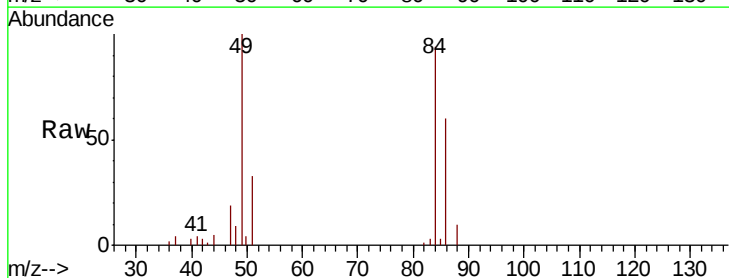
Instrument :
MSVOA_N
ClientSampleId :
SP-PIT-12

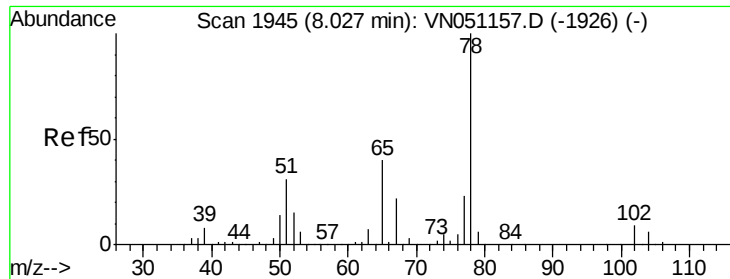
Tot Ion: 43 Resp: 11601
Ion Ratio Lower Upper
43 100
74 22.4 20.7 31.1



#20
Methylene Chloride
Concen: 8.25 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN051249.D
Acq: 16 Sep 2018 2:57

Tgt Ion: 84 Resp: 42587
Ion Ratio Lower Upper
84 100
49 106.3 90.2 135.2
51 35.3 28.4 42.6
86 63.8 51.8 77.8

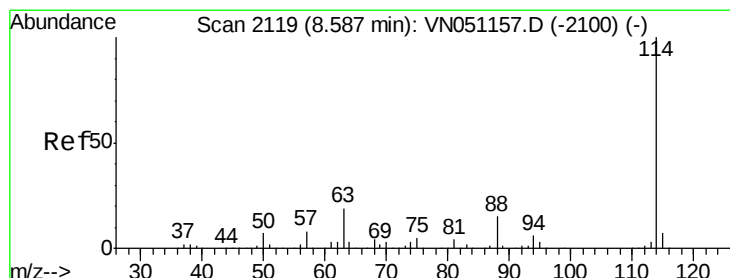
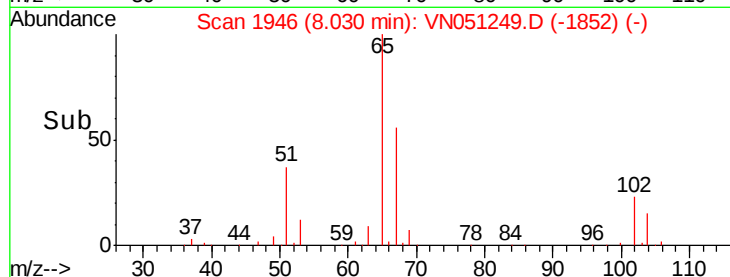
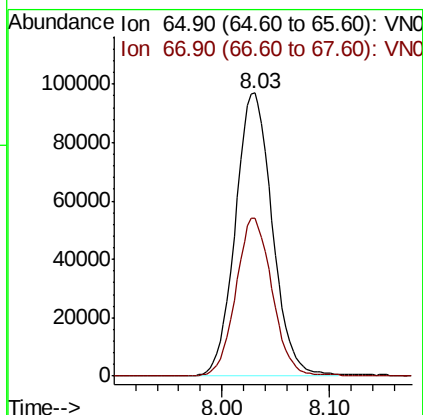
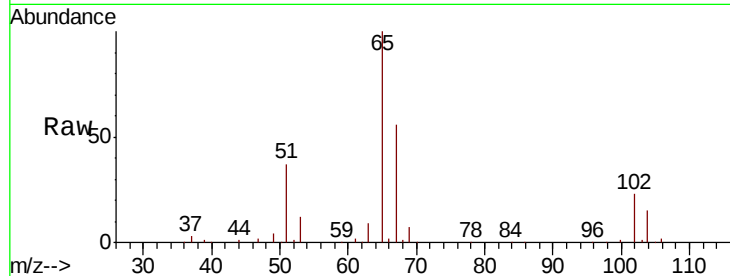




#33
 1,2-Dichloroethane-d4
 Concen: 49.51 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051249.D
 Acq: 16 Sep 2018 2:57

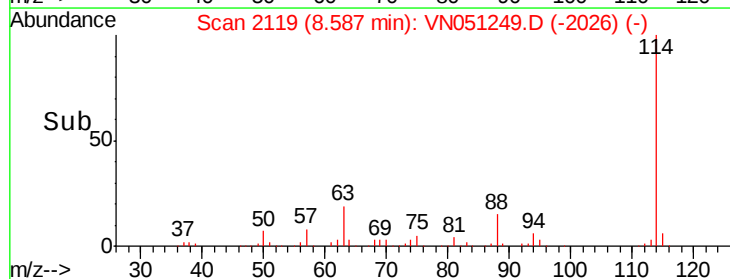
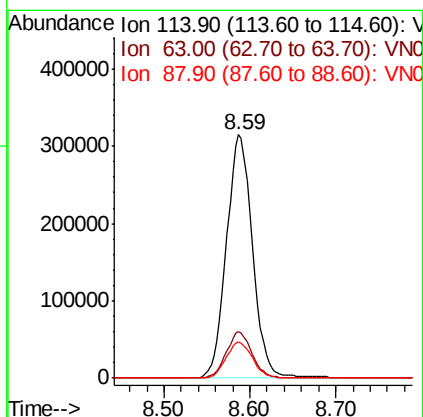
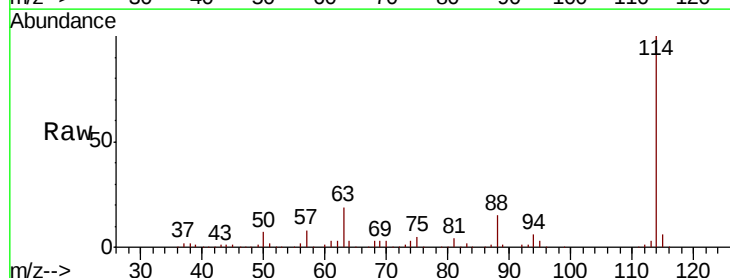
Instrument :
 MSVOA_N
 ClientSampleId :
 SP-PIT-12

Tot Ion: 65 Resp: 231506
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051249.D
 Acq: 16 Sep 2018 2:57

Tgt Ion: 114 Resp: 663747
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.8
 88 14.9 0.0 30.8

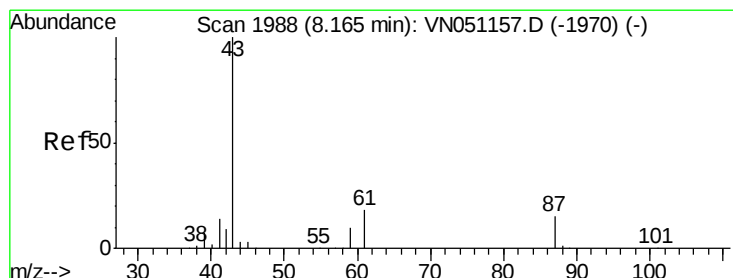
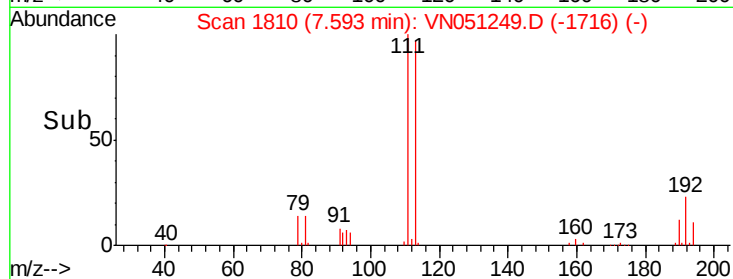
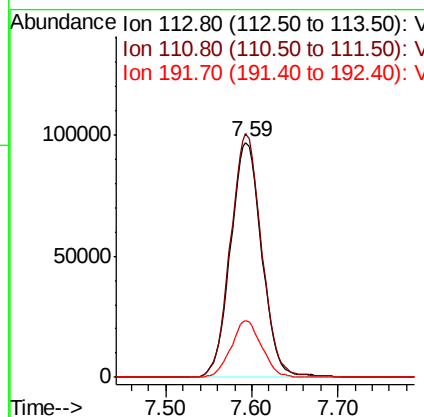
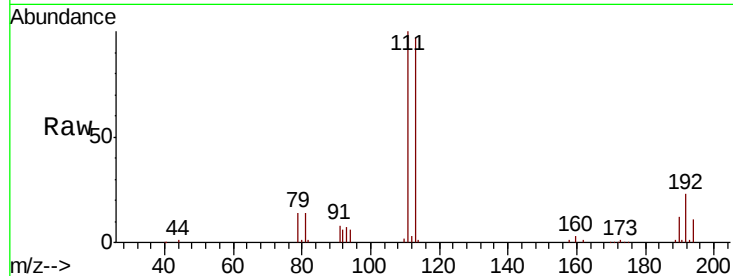




#35
 Dibromofluoromethane
 Concen: 49.03 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051249.D
 Acq: 16 Sep 2018 2:57

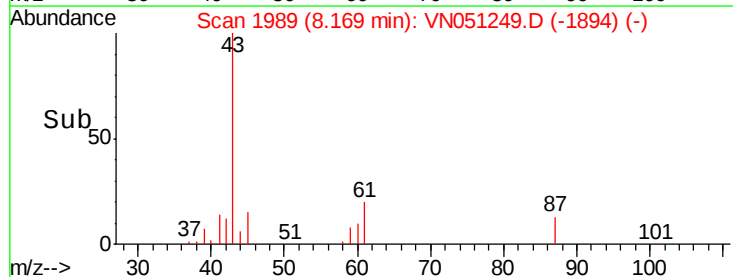
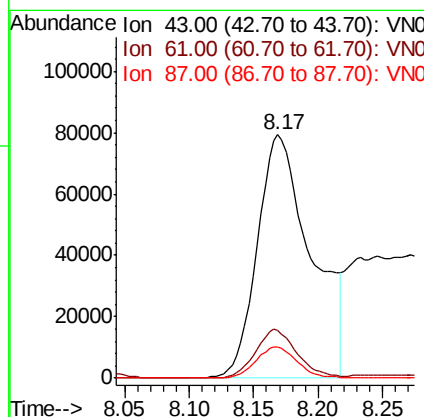
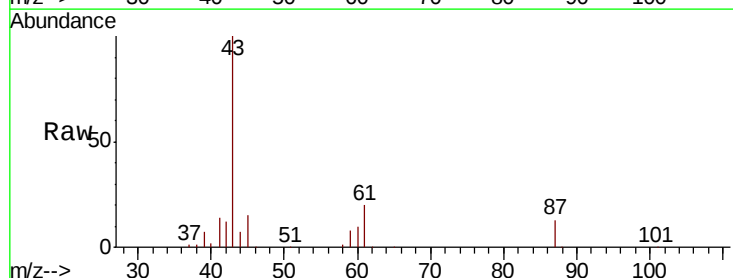
Instrument :
 MSVOA_N
 ClientSampleId :
 SP-PIT-12

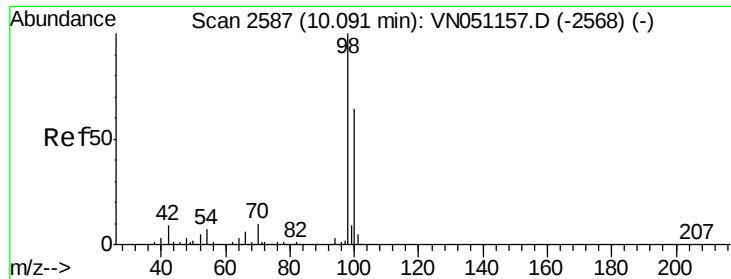
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.0	124.6
192	23.6	18.7	28.1



#43
 Isopropyl Acetate
 Concen: 31.07 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN051249.D
 Acq: 16 Sep 2018 2:57

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.4	25.0	37.6#
87	9.8	11.8	17.8#





#50

Toluene-d8

Concen: 44.84 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051249.D

Acq: 16 Sep 2018 2:57

Instrument :

MSVOA_N

ClientSampleId :

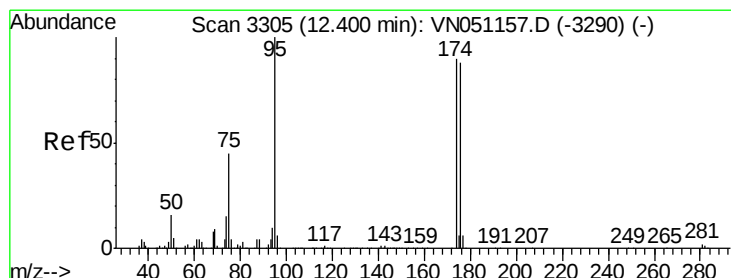
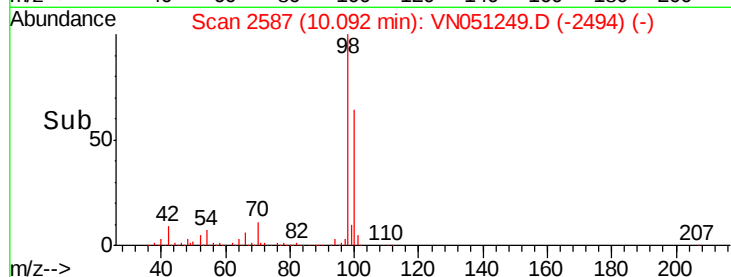
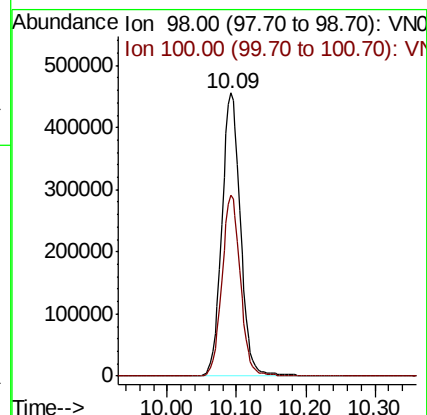
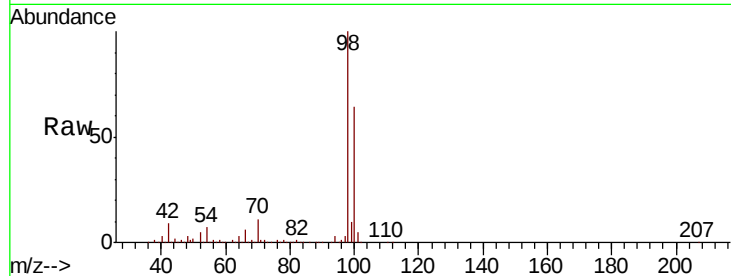
SP-PIT-12

Tot Ion: 98 Resp: 848638

Ion Ratio Lower Upper

98 100

100 63.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 34.55 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051249.D

Acq: 16 Sep 2018 2:57

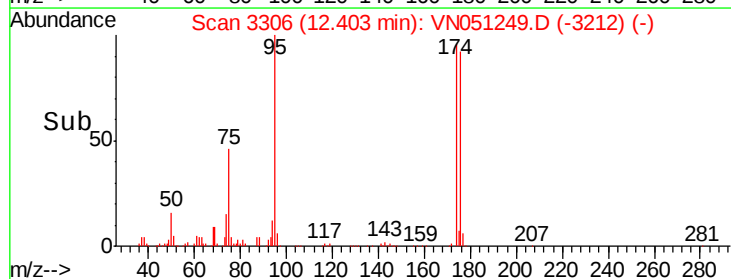
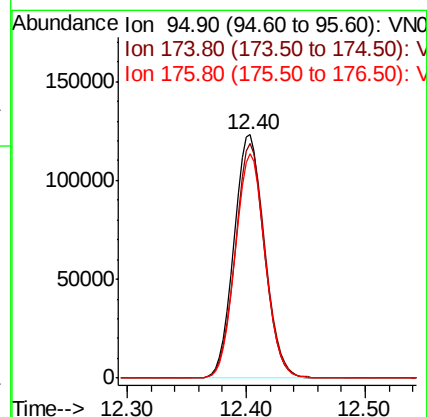
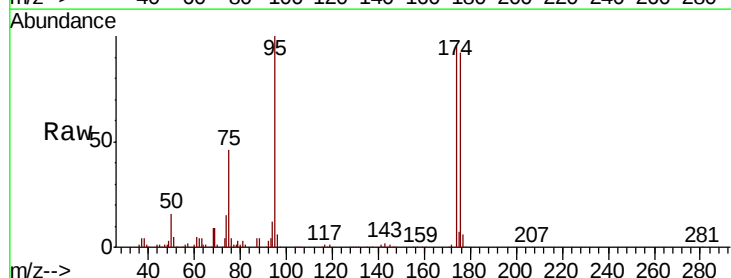
Tgt Ion: 95 Resp: 216281

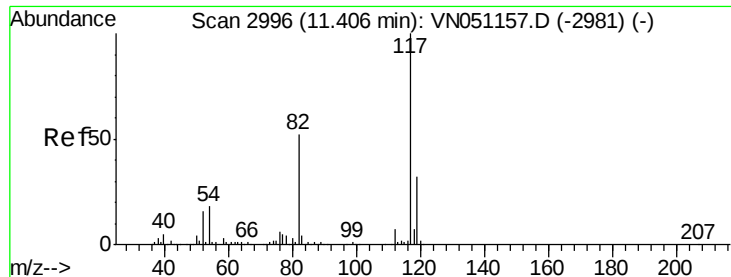
Ion Ratio Lower Upper

95 100

174 95.8 0.0 184.8

176 91.4 0.0 178.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051249.D

Acq: 16 Sep 2018 2:57

Instrument :

MSVOA_N

ClientSampleId :

SP-PIT-12

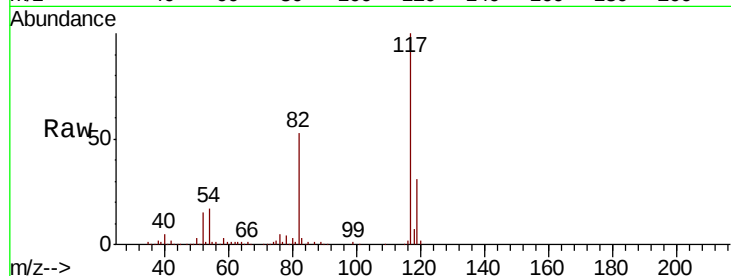
Tot Ion:117 Resp: 537851

Ion Ratio Lower Upper

117 100

82 52.6 41.8 62.6

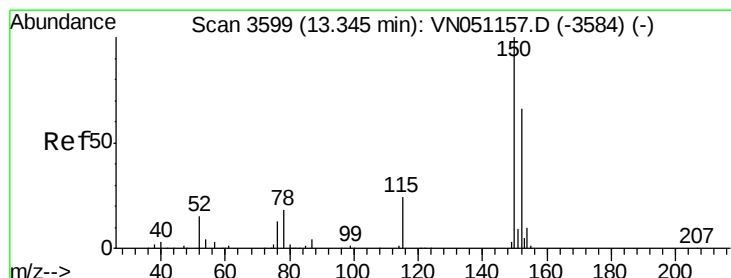
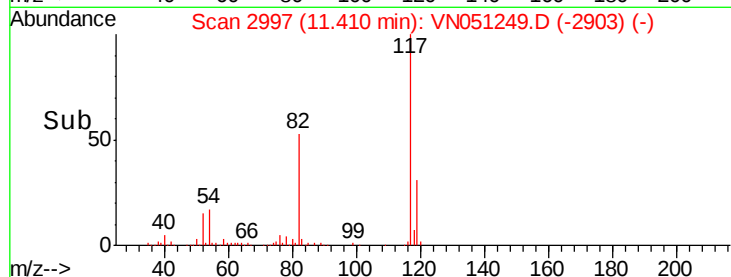
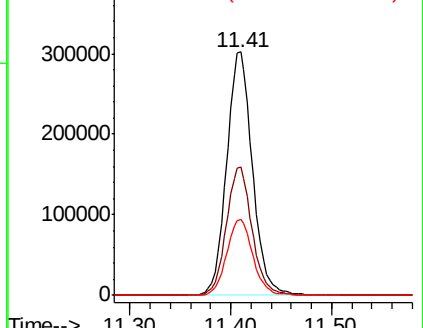
119 31.3 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051249.D

Acq: 16 Sep 2018 2:57

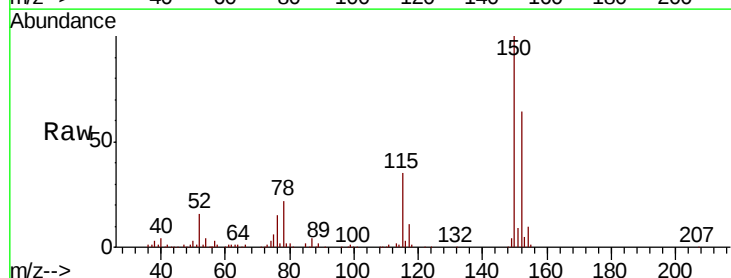
Tgt Ion:152 Resp: 161160

Ion Ratio Lower Upper

152 100

115 54.2 28.2 84.7

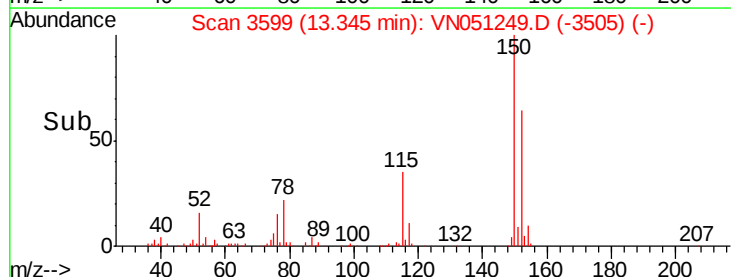
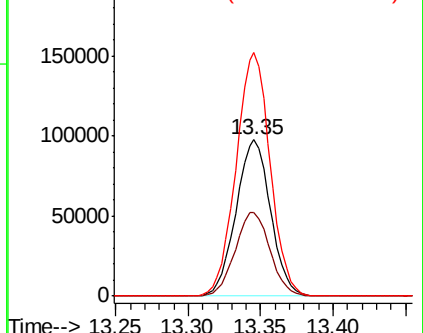
150 153.7 0.0 349.0

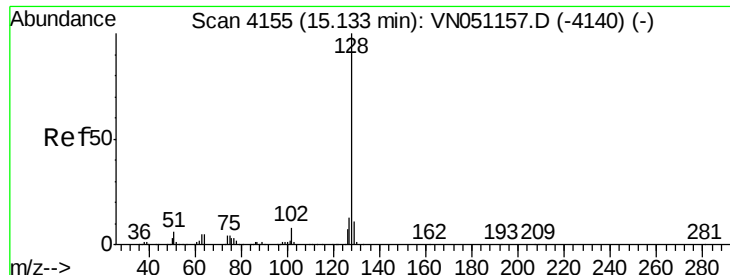


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 6.81 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051249.D

Acq: 16 Sep 2018 2:57

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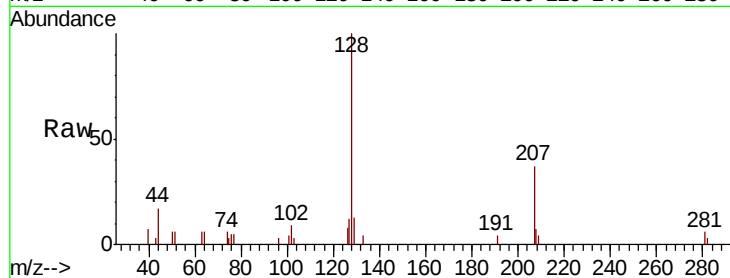
Tot Ion:128 Resp: 9939

Ion Ratio Lower Upper

128 100

127 12.1 10.6 15.8

129 11.0 8.6 12.8



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

