

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051243.D
 Acq On : 16 Sep 2018 00:30
 Operator : MD\SY
 Sample : PB112879ZHE#19
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112879ZHE#19

Quant Time: Sep 17 05:08:33 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	425734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	636127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	508187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	125800	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	224058	47.29	ug/l	0.00
Spiked Amount						
			Recovery	=	94.58%	
35) Dibromofluoromethane	7.59	113	242636	50.76	ug/l	0.00
Spiked Amount						
			Recovery	=	101.52%	
50) Toluene-d8	10.09	98	826366	45.56	ug/l	0.00
Spiked Amount						
			Recovery	=	91.12%	
62) 4-Bromofluorobenzene	12.40	95	193176	32.20	ug/l	0.00
Spiked Amount						
			Recovery	=	64.40%	

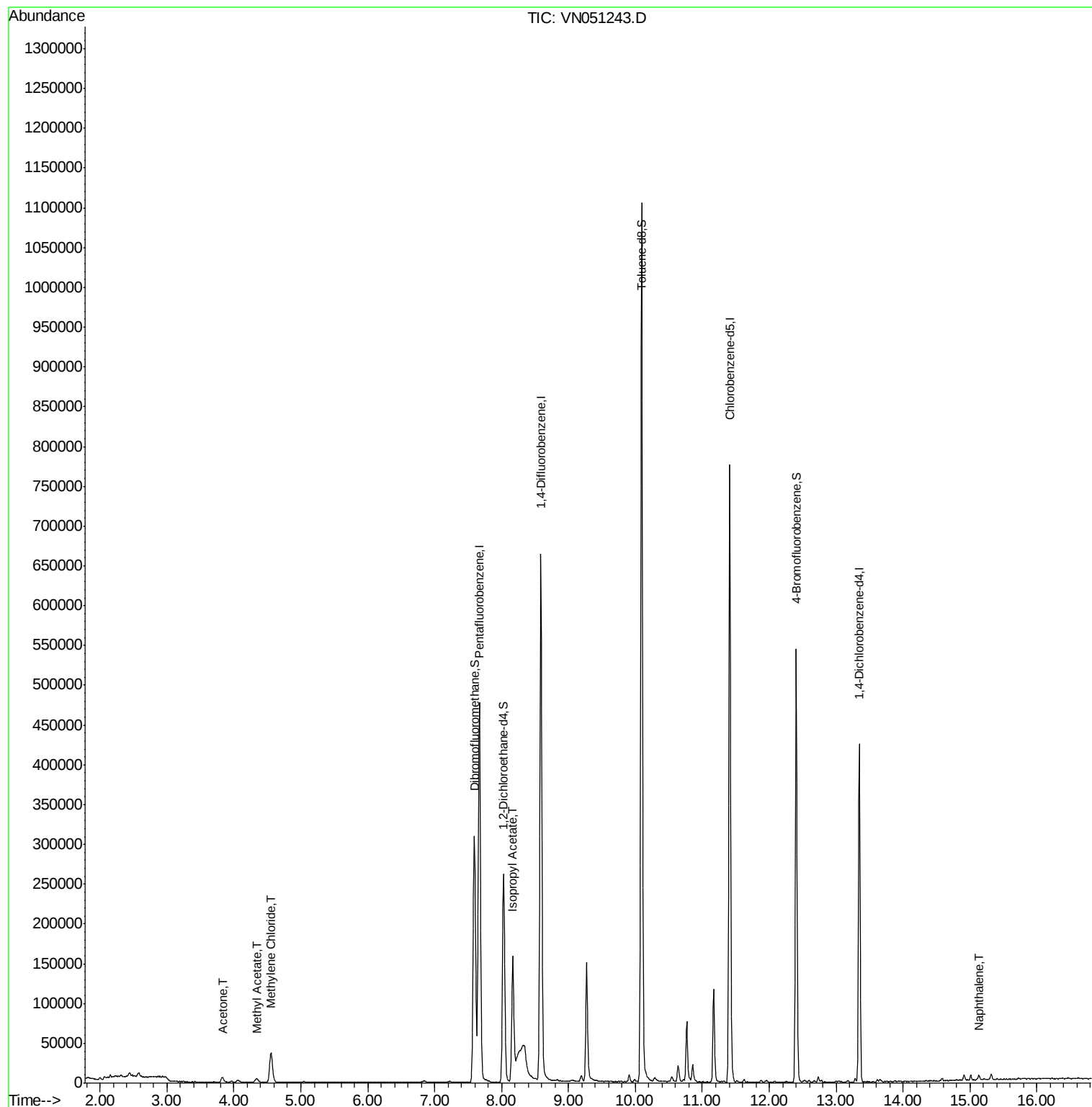
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	10482	3.18	ug/l	# 84
18) Methyl Acetate	4.34	43	10045	2.65	ug/l	93
20) Methylene Chloride	4.55	84	29465	5.63	ug/l	99
43) Isopropyl Acetate	8.17	43	189595	26.56	ug/l	# 86
95) Naphthalene	15.13	128	6108	6.49	ug/l	97

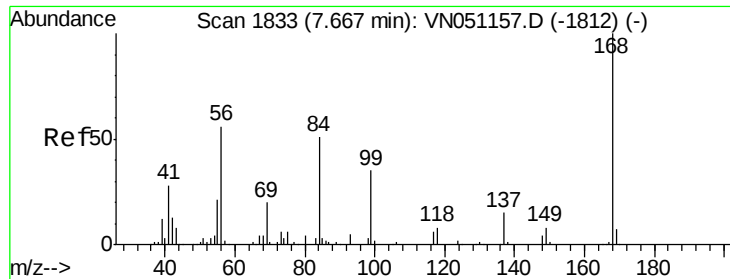
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051243.D

Acq: 16 Sep 2018 00:30

Instrument :

MSVOA_N

ClientSampleId :

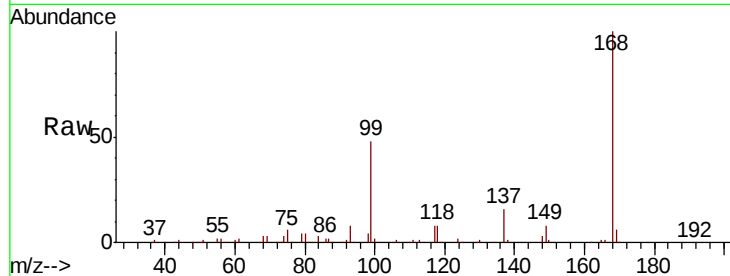
PB112879ZHE#19

Tot Ion:168 Resp: 425734

Ion Ratio Lower Upper

168 100

99 47.6 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

200000

150000

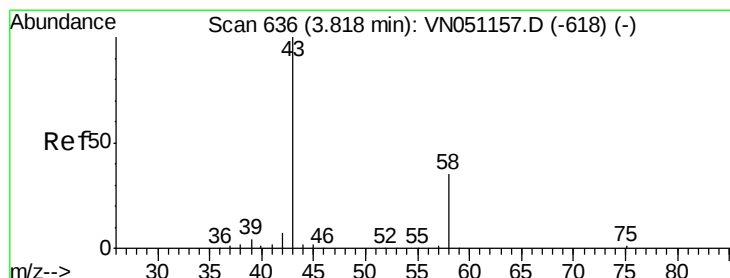
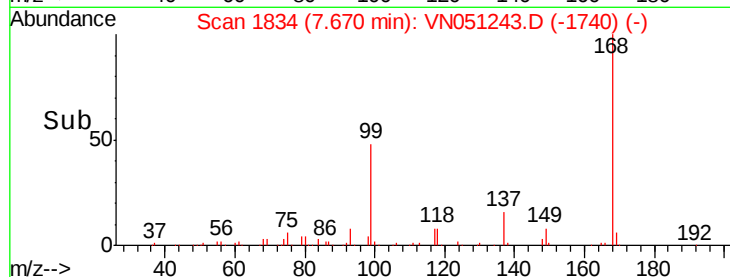
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 3.18 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN051243.D

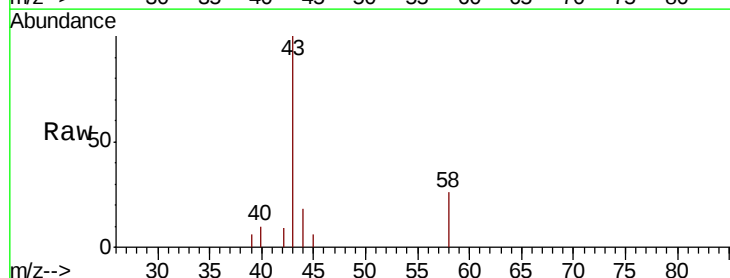
Acq: 16 Sep 2018 00:30

Tgt Ion: 43 Resp: 10482

Ion Ratio Lower Upper

43 100

58 25.7 27.8 41.6#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

4000

3000

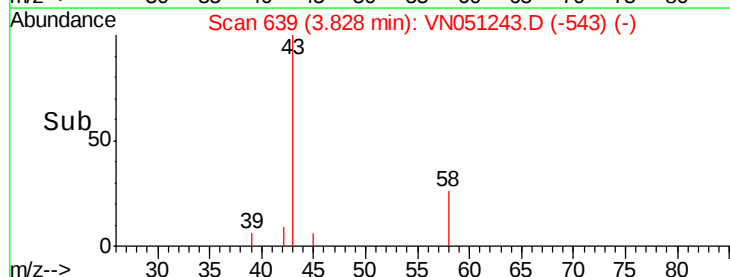
2000

1000

0

3.75 3.80 3.85 3.90

Time-->

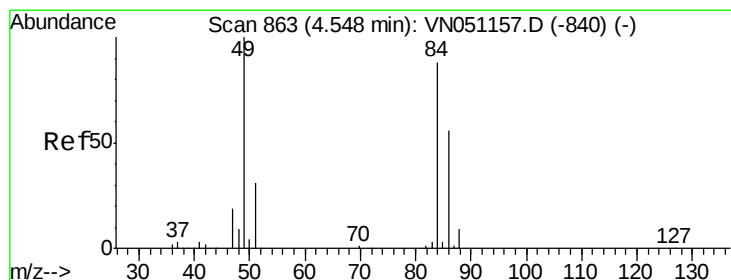
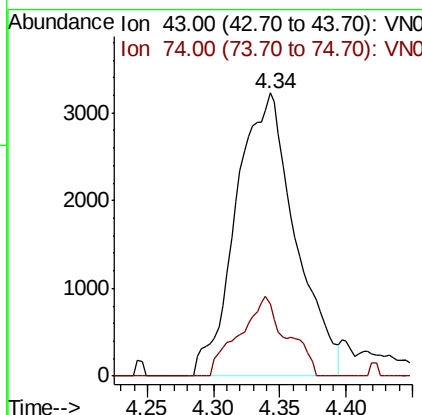
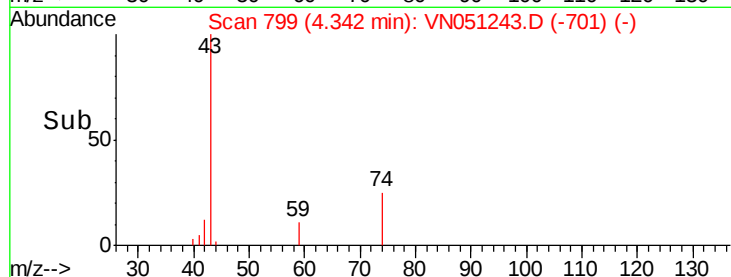
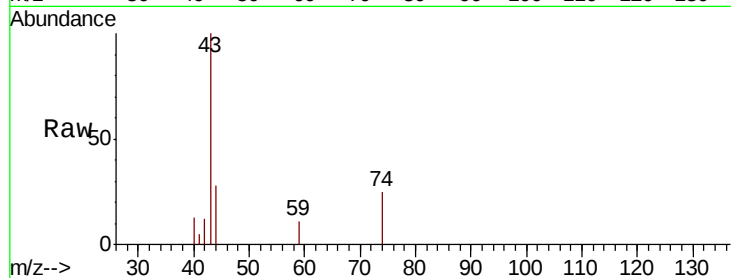




#18
Methyl Acetate
Concen: 2.65 ug/l
RT: 4.34 min Scan# 799
Delta R.T. 0.02 min
Lab File: VN051243.D
Acq: 16 Sep 2018 00:30

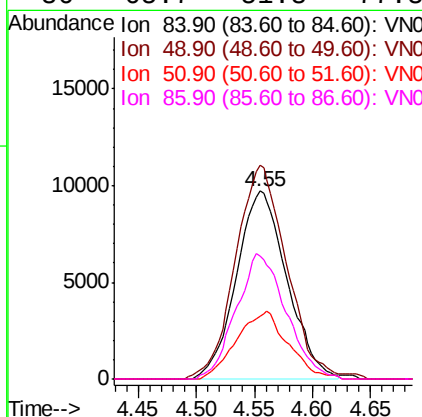
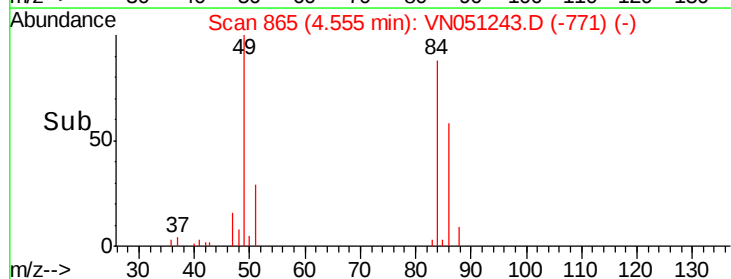
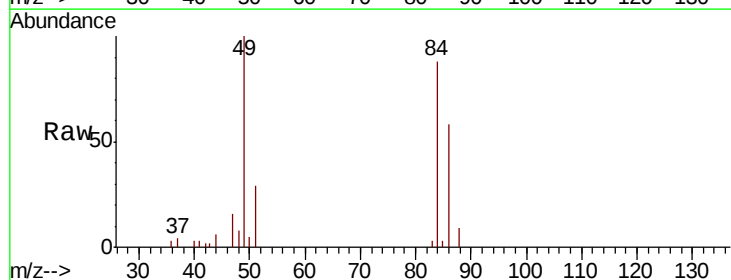
Instrument :
MSVOA_N
ClientSampleId :
PB112879ZHE#19

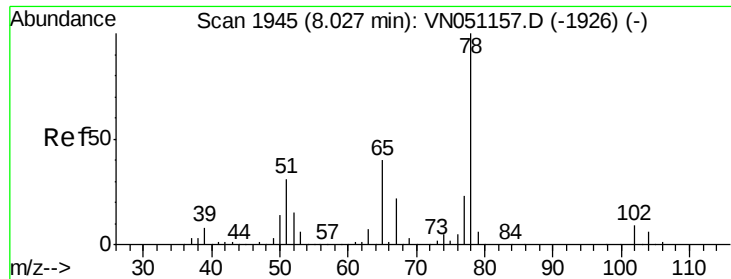
Tot Ion: 43 Resp: 10045
Ion Ratio Lower Upper
43 100
74 22.5 20.7 31.1



#20
Methylene Chloride
Concen: 5.63 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051243.D
Acq: 16 Sep 2018 00:30

Tgt Ion: 84 Resp: 29465
Ion Ratio Lower Upper
84 100
49 112.1 90.2 135.2
51 33.5 28.4 42.6
86 65.7 51.8 77.8

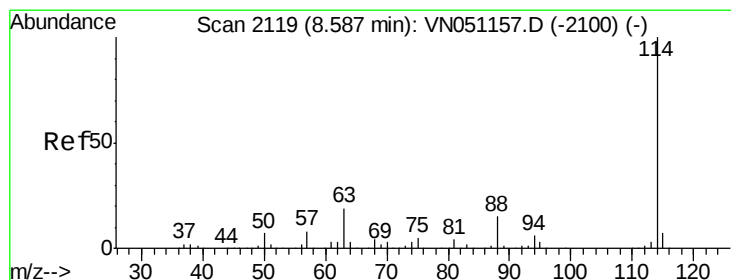
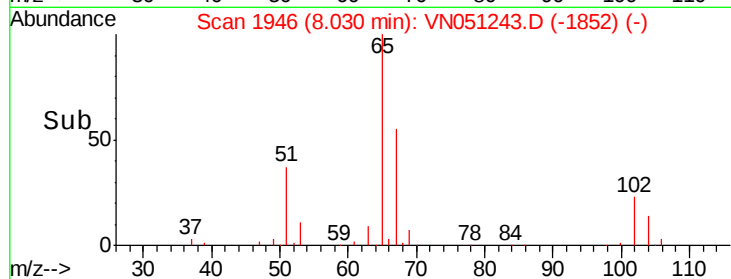
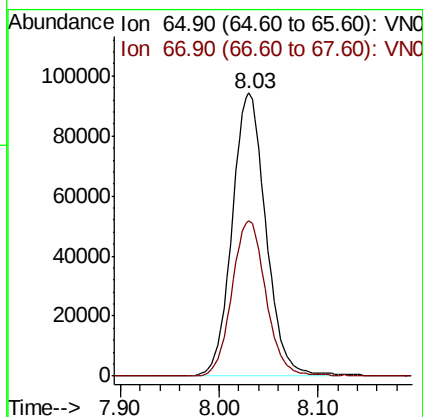
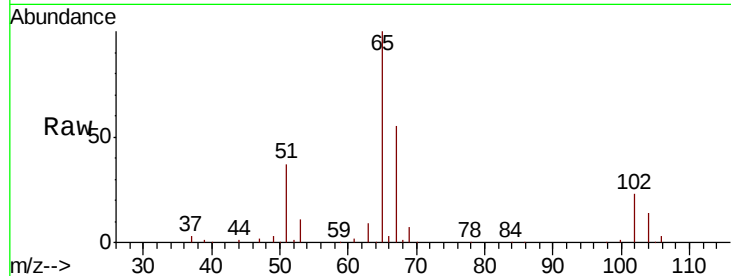




#33
 1,2-Dichloroethane-d4
 Concen: 47.29 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051243.D
 Acq: 16 Sep 2018 00:30

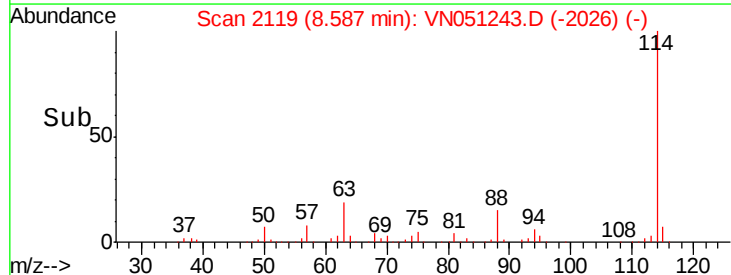
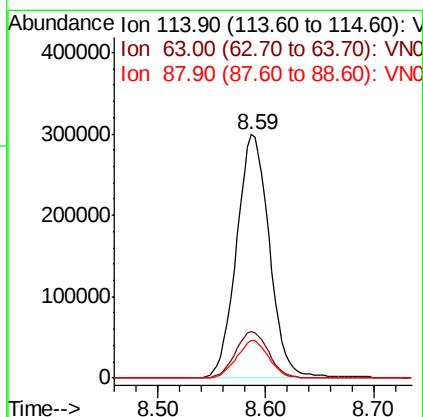
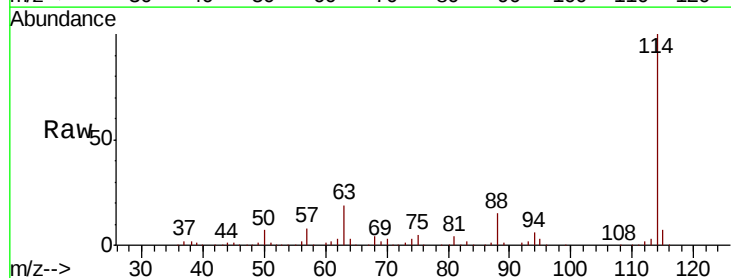
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112879ZHE#19

Tot Ion: 65 Resp: 224058
 Ion Ratio Lower Upper
 65 100
 67 55.2 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: VN051243.D
 Acq: 16 Sep 2018 00:30

Tgt Ion: 114 Resp: 636127
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.8
 88 15.4 0.0 30.8

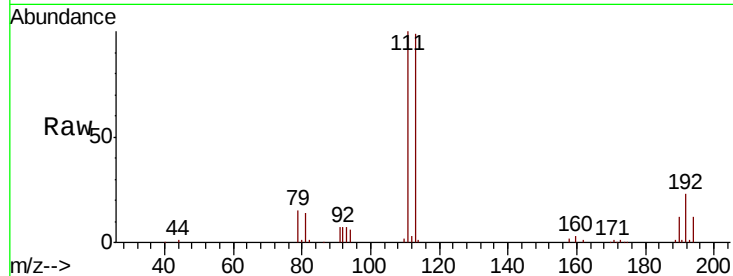




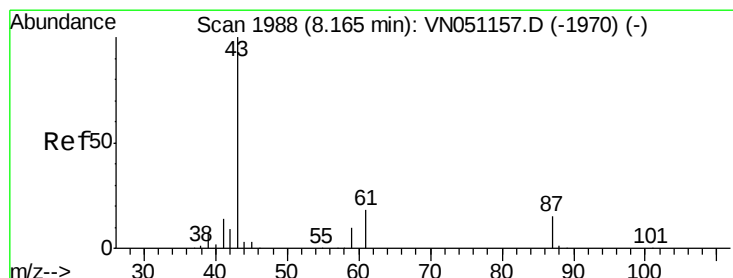
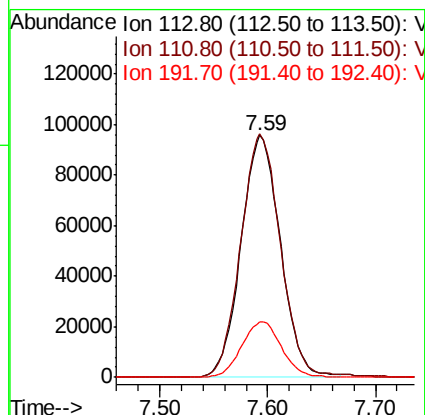
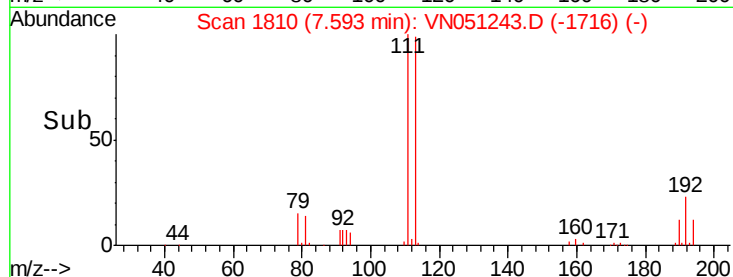
#35
 Dibromofluoromethane
 Concen: 50.76 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051243.D
 Acq: 16 Sep 2018 00:30

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112879ZHE#19

Tot Ion:113 Resp: 242636
 Ion Ratio Lower Upper
 113 100
 111 101.8 83.0 124.6
 192 23.3 18.7 28.1

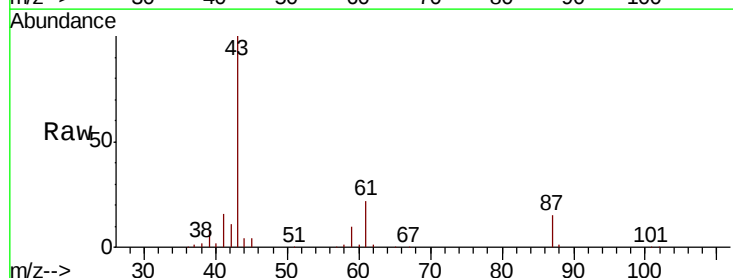


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

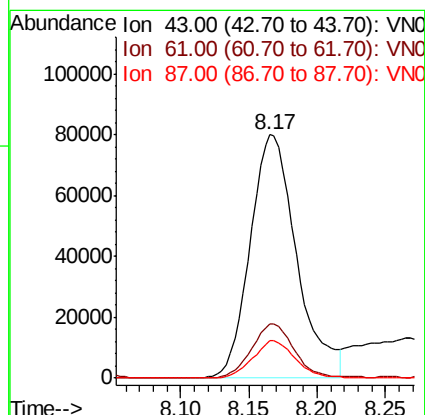
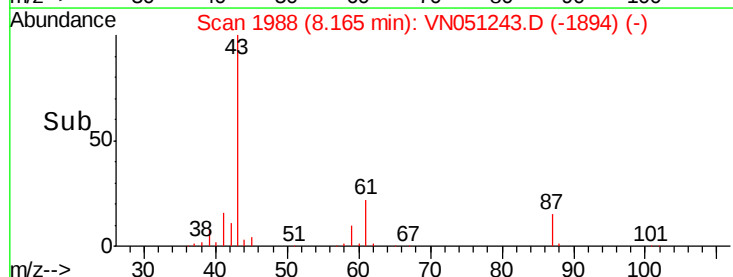


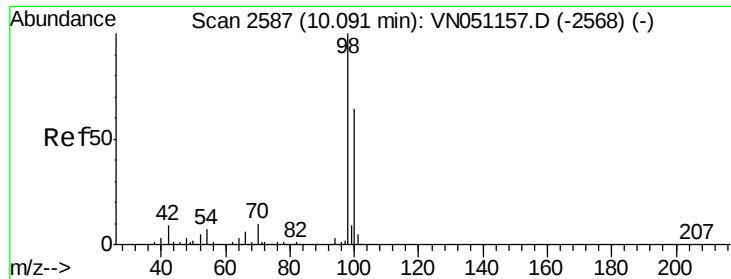
#43
 Isopropyl Acetate
 Concen: 26.56 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN051243.D
 Acq: 16 Sep 2018 00:30

Tgt Ion: 43 Resp: 189595
 Ion Ratio Lower Upper
 43 100
 61 20.2 25.0 37.6#
 87 14.1 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 45.56 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051243.D

Acq: 16 Sep 2018 00:30

Instrument :

MSVOA_N

ClientSampleId :

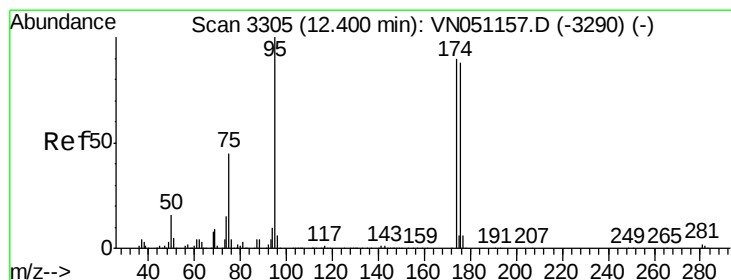
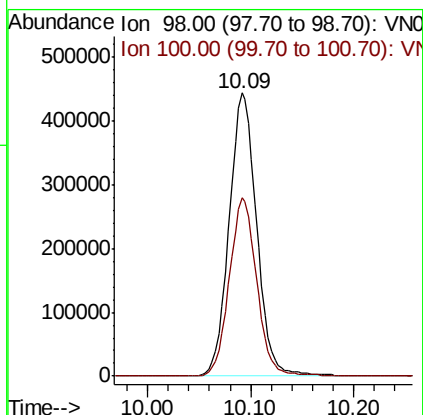
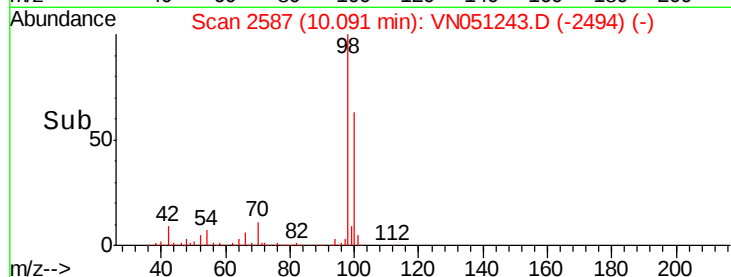
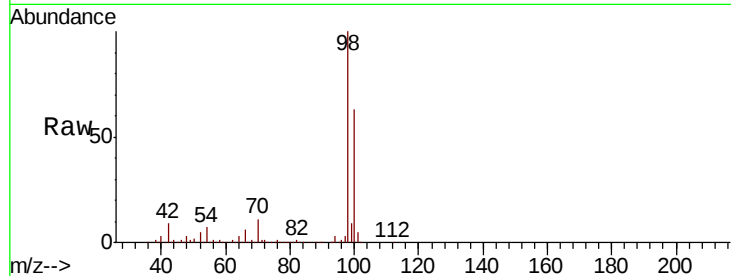
PB112879ZHE#19

Tot Ion: 98 Resp: 826366

Ion Ratio Lower Upper

98 100

100 62.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 32.20 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051243.D

Acq: 16 Sep 2018 00:30

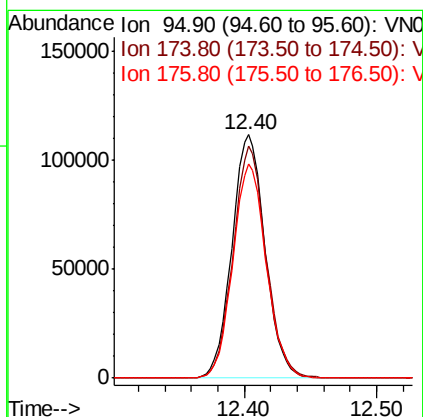
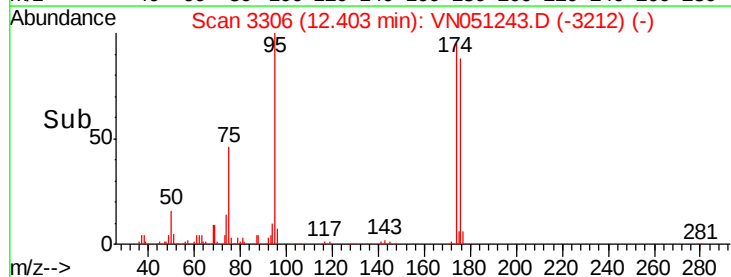
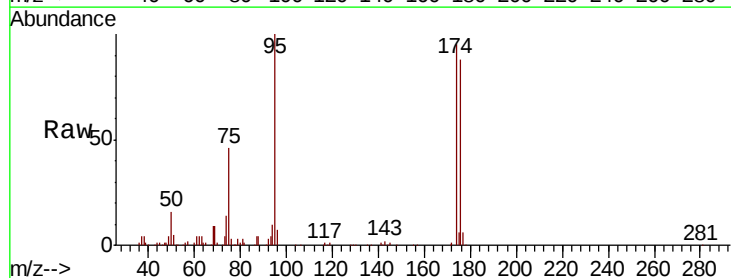
Tgt Ion: 95 Resp: 193176

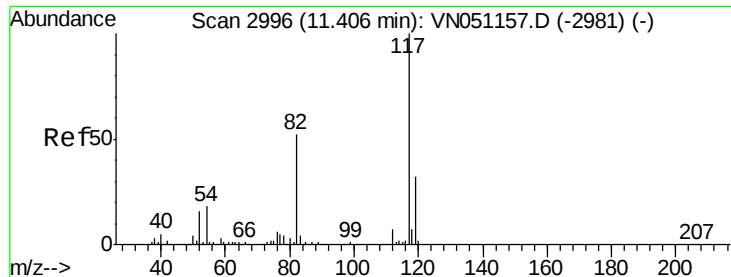
Ion Ratio Lower Upper

95 100

174 94.9 0.0 184.8

176 88.9 0.0 178.6

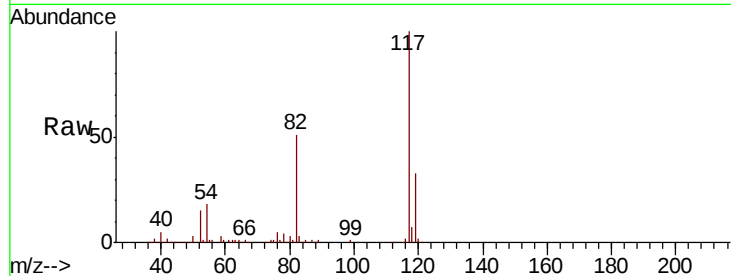




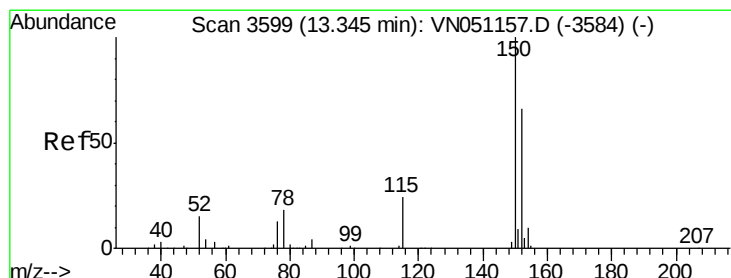
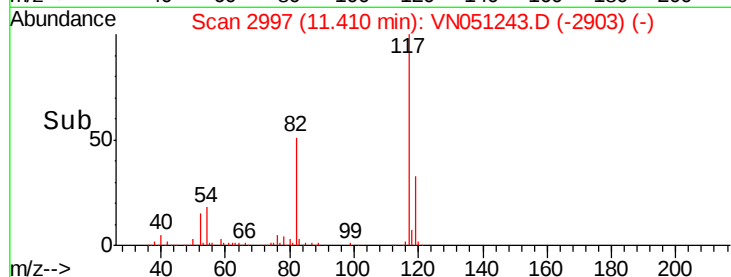
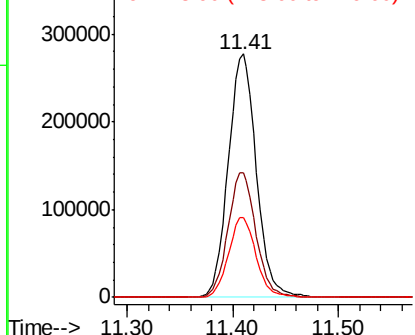
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051243.D
Acq: 16 Sep 2018 00:30

Instrument :
MSVOA_N
ClientSampleId :
PB112879ZHE#19

Tot Ion:117 Resp: 508187
Ion Ratio Lower Upper
117 100
82 51.4 41.8 62.6
119 33.0 26.2 39.2

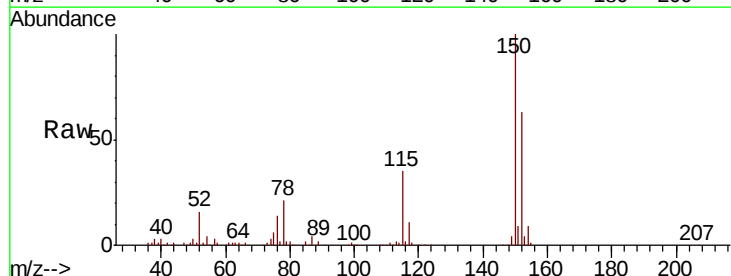


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

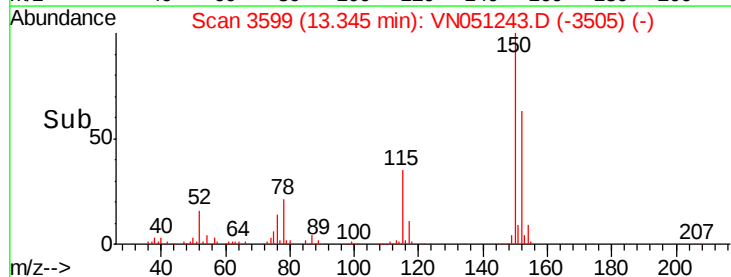
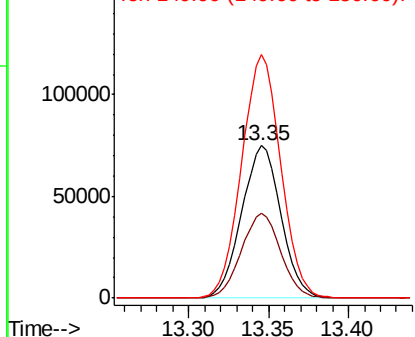


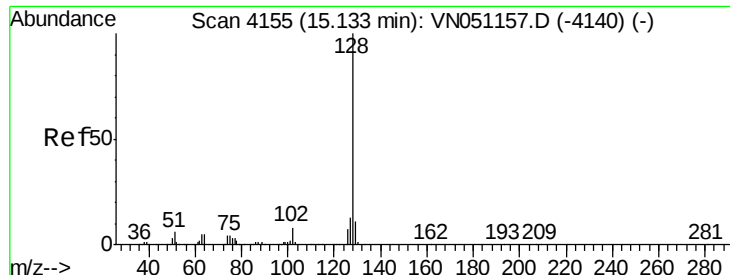
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051243.D
Acq: 16 Sep 2018 00:30

Tgt Ion:152 Resp: 125800
Ion Ratio Lower Upper
152 100
115 55.6 28.2 84.7
150 158.9 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: 6.49 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051243.D

Acq: 16 Sep 2018 00:30

Instrument :

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ClientSampleId :

PB112879ZHE#19

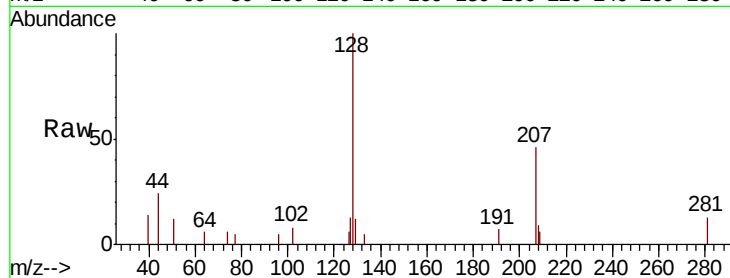
Tot Ion:128 Resp: 6108

Ion Ratio Lower Upper

128 100

127 13.9 10.6 15.8

129 9.1 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

