

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101218\
 Data File : VN051851.D
 Acq On : 12 Oct 2018 23:37
 Operator : MD\SY
 Sample : PB113779ZHE#04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113779ZHE#04

Quant Time: Oct 13 03:38:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 09:51:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	792681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1149280	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1023471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	372704	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	434089	57.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.58%	
35) Dibromofluoromethane	7.59	113	427750	59.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.72%	
50) Toluene-d8	10.09	98	1592662	59.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.62%	
62) 4-Bromofluorobenzene	12.40	95	460776	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	

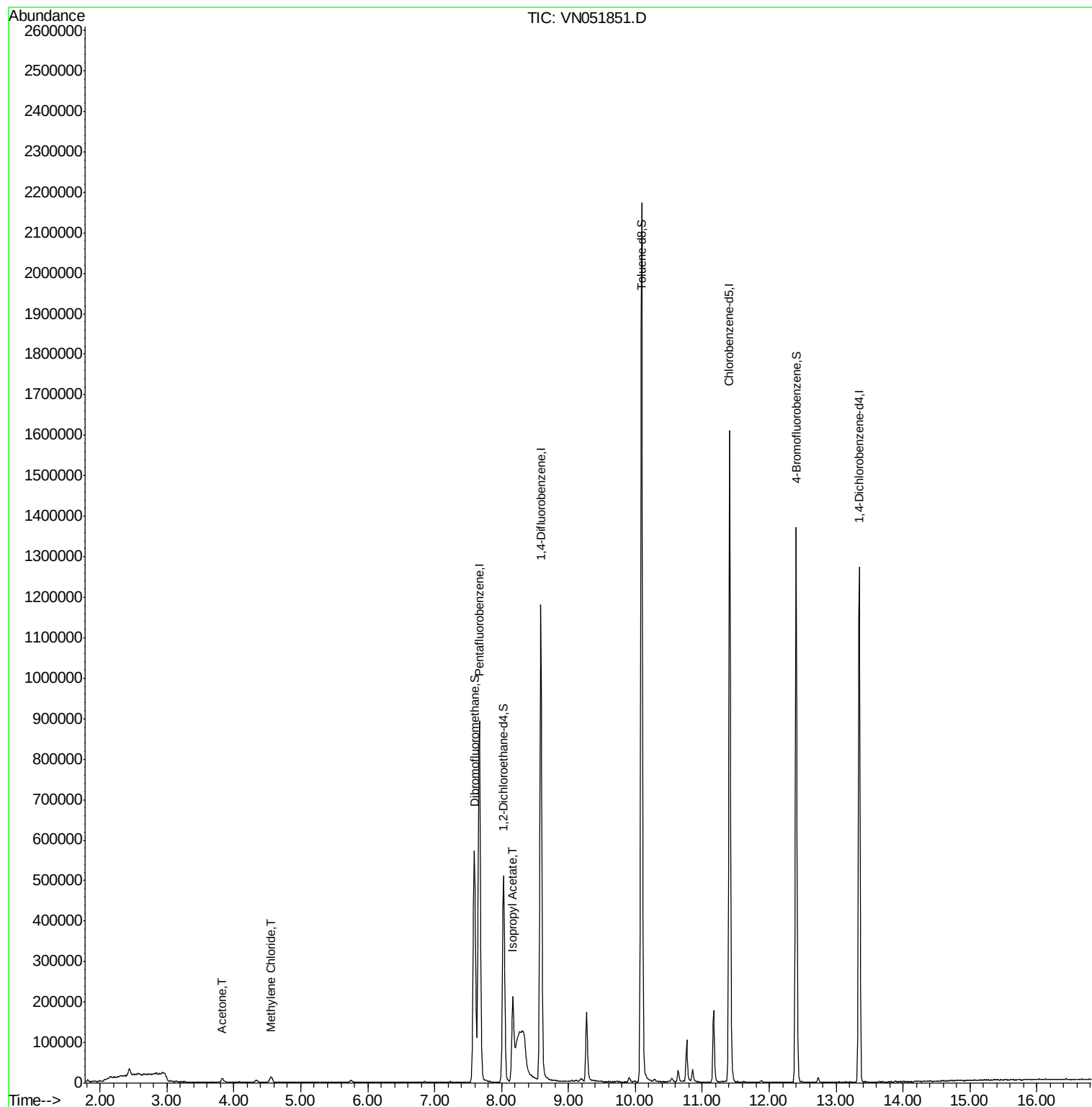
Target Compounds						Qvalue
16) Acetone	3.83	43	16108	9.86	ug/l #	87
20) Methylene Chloride	4.55	84	11414	1.69	ug/l #	83
43) Isopropyl Acetate	8.17	43	265850	27.65	ug/l	95

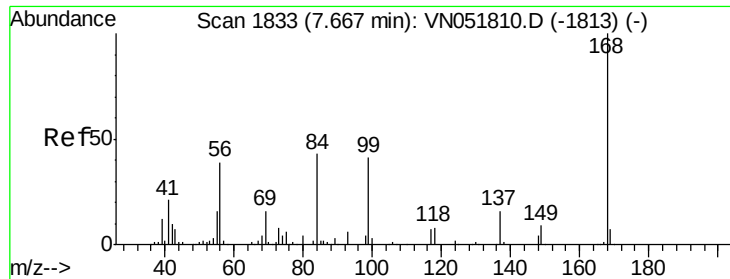
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051851.D

Acq: 12 Oct 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

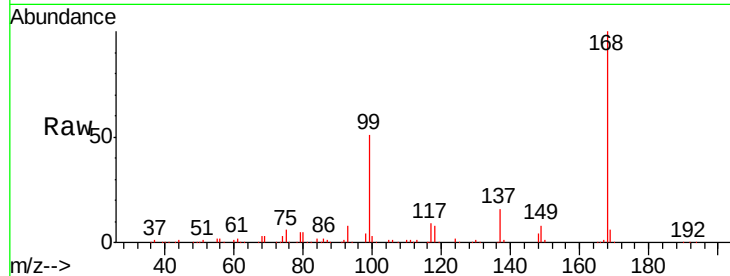
PB113779ZHE#04

Tgt Ion:168 Resp: 792681

Ion Ratio Lower Upper

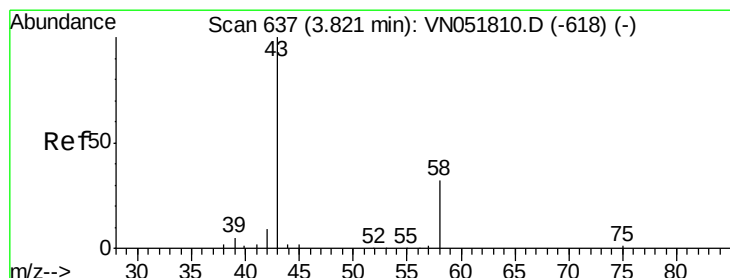
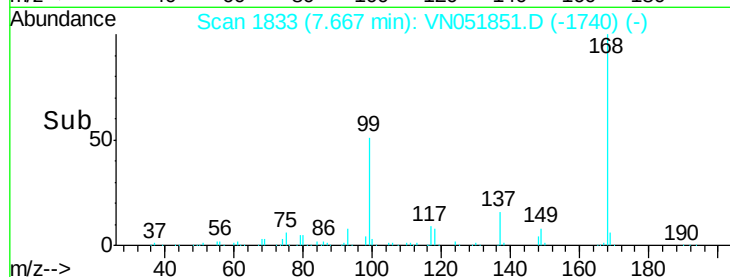
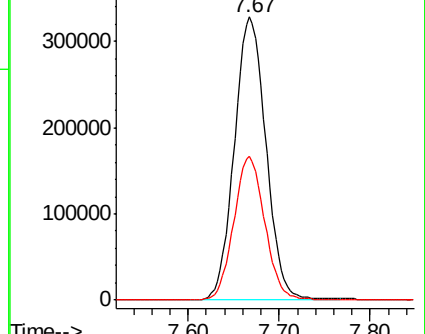
168 100

99 50.8 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 9.86 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN051851.D

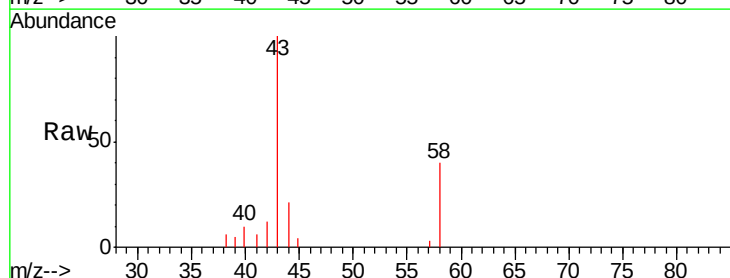
Acq: 12 Oct 2018 23:37

Tgt Ion: 43 Resp: 16108

Ion Ratio Lower Upper

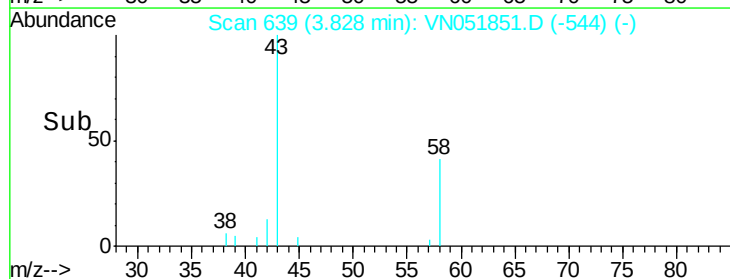
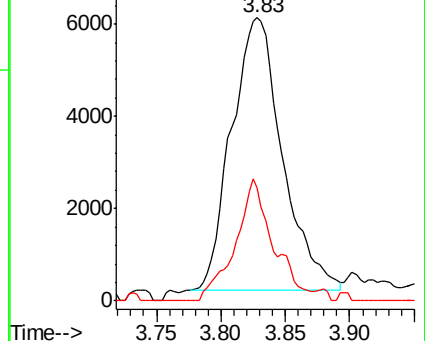
43 100

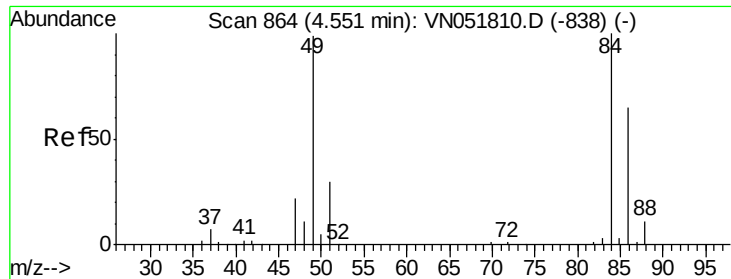
58 41.4 27.2 40.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

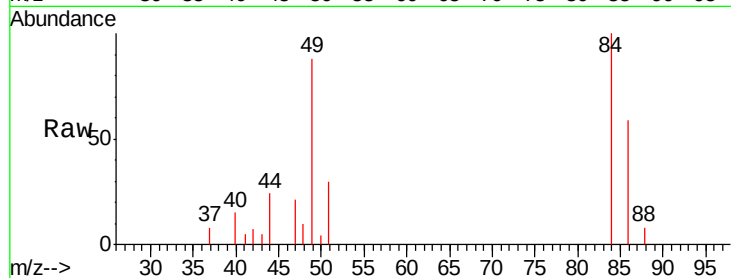




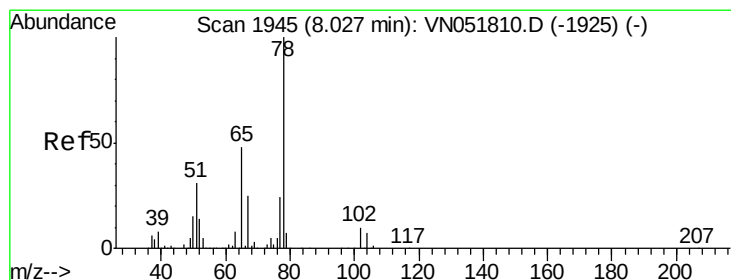
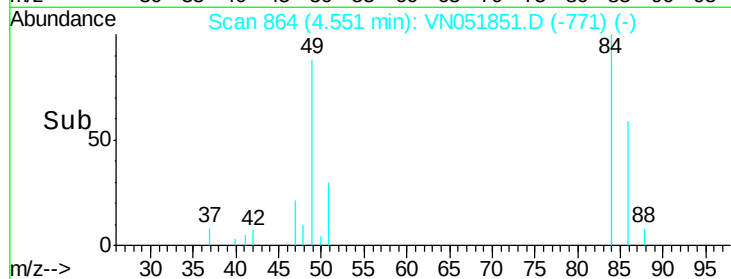
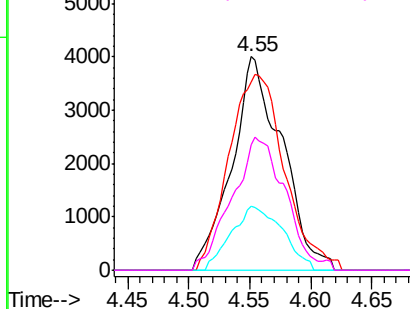
#20
Methylene Chloride
Concen: 1.69 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN051851.D
Acq: 12 Oct 2018 23:37

Instrument :
MSVOA_N
ClientSampleId :
PB113779ZHE#04

Tgt Ion: 84 Resp: 11414
Ion Ratio Lower Upper
84 100
49 88.2 93.2 139.8#
51 30.2 29.0 43.6
86 59.0 49.8 74.8

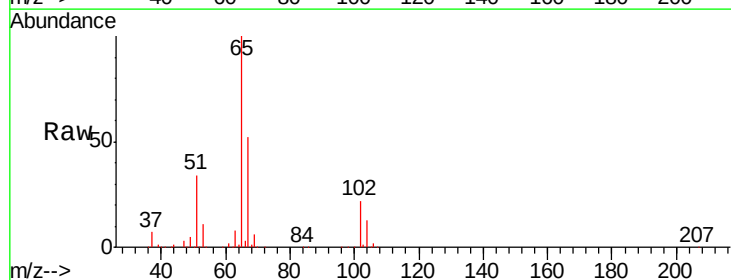


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

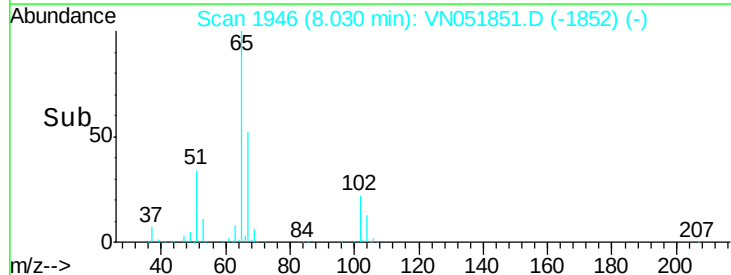
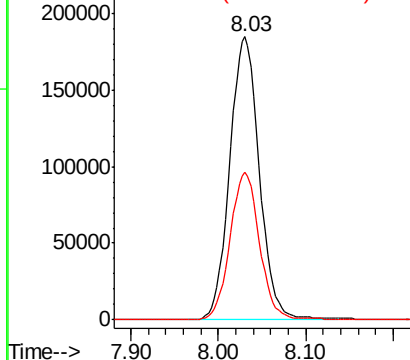


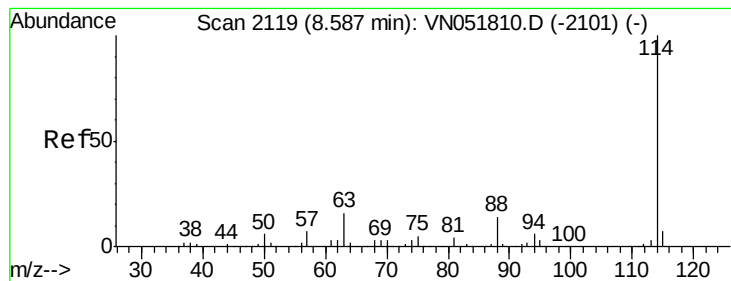
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051851.D
Acq: 12 Oct 2018 23:37

Tgt Ion: 65 Resp: 434089
Ion Ratio Lower Upper
65 100
67 51.5 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051851.D

Acq: 12 Oct 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

PB113779ZHE#04

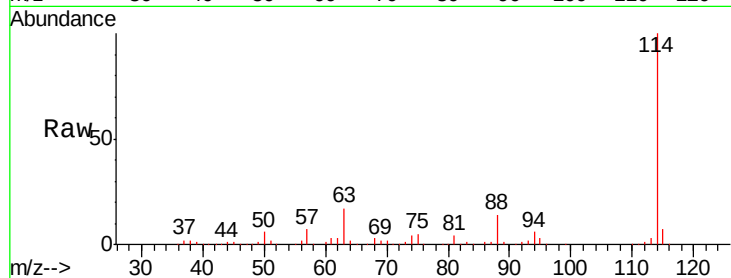
Tgt Ion:114 Resp: 1149280

Ion Ratio Lower Upper

114 100

63 16.9 0.0 38.6

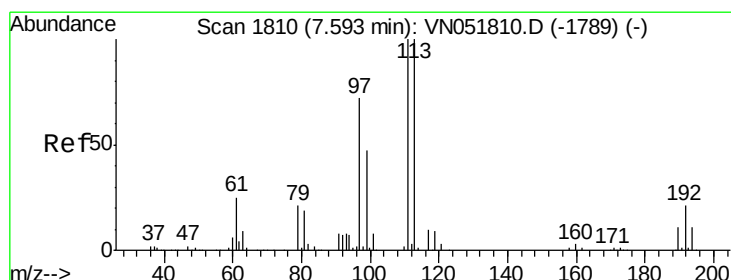
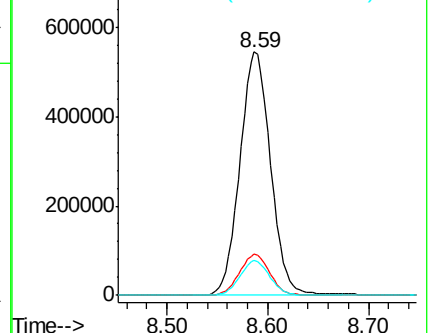
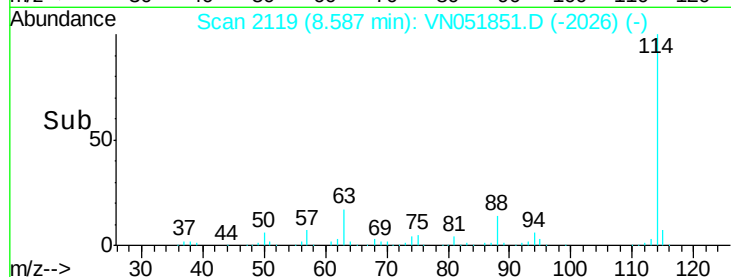
88 14.2 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051851.D

Acq: 12 Oct 2018 23:37

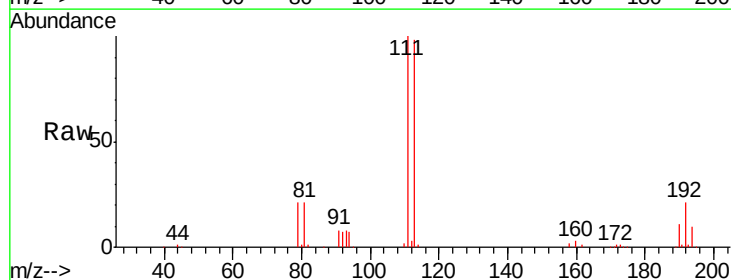
Tgt Ion:113 Resp: 427750

Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

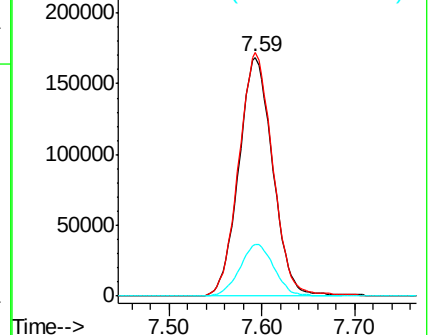
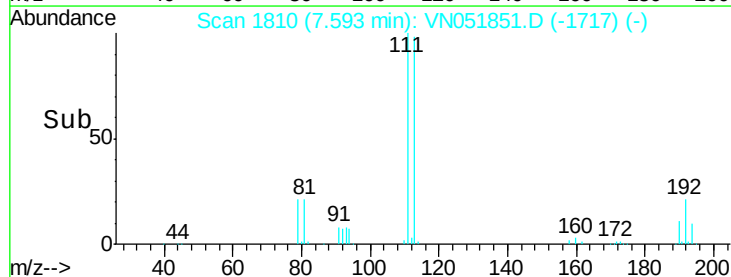
192 21.9 18.0 27.0

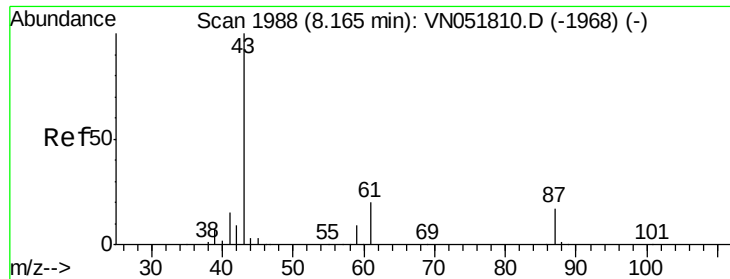


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 27.65 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051851.D

Acq: 12 Oct 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

PB113779ZHE#04

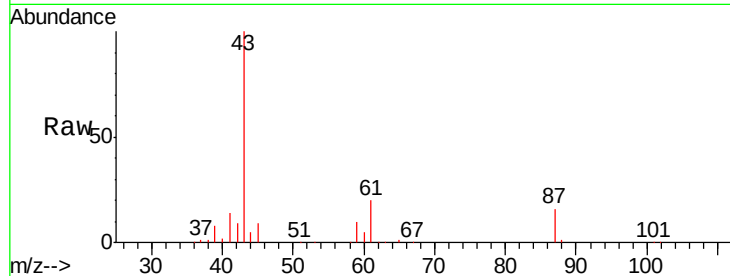
Tgt Ion: 43 Resp: 265850

Ion Ratio Lower Upper

43 100

61 18.4 17.5 26.3

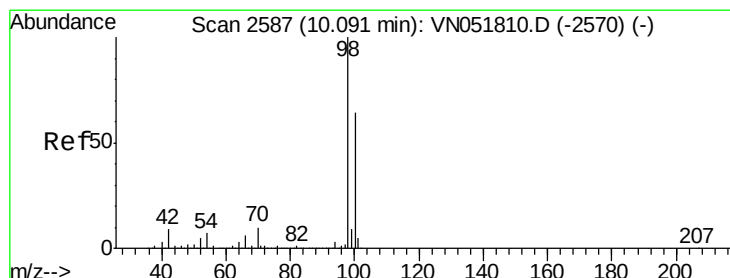
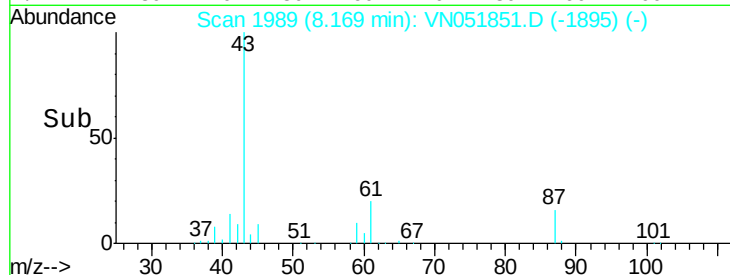
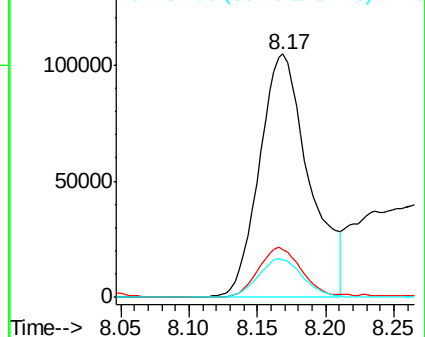
87 14.3 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051851.D

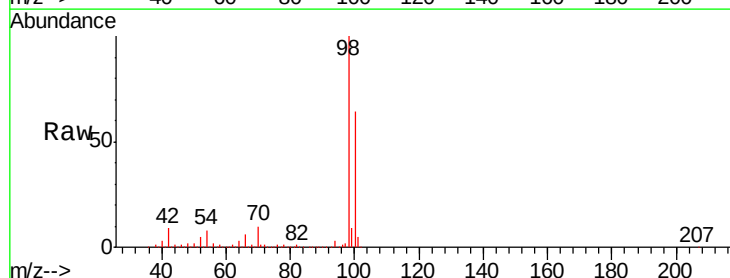
Acq: 12 Oct 2018 23:37

Tgt Ion: 98 Resp: 1592662

Ion Ratio Lower Upper

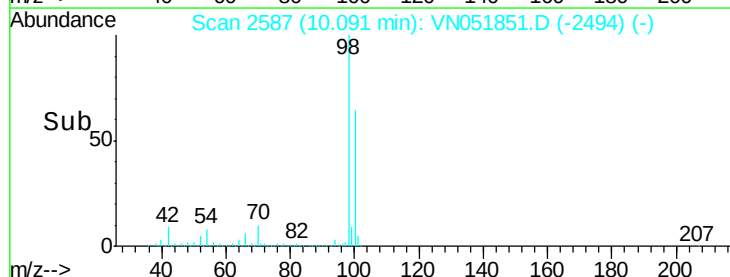
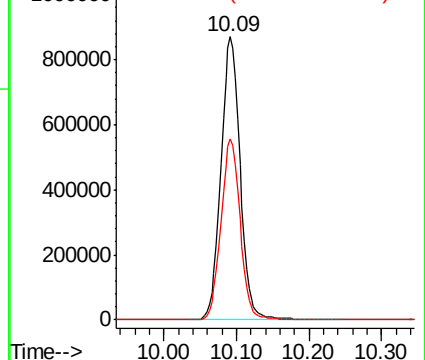
98 100

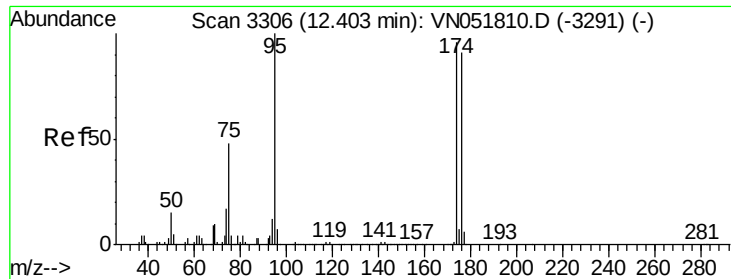
100 64.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

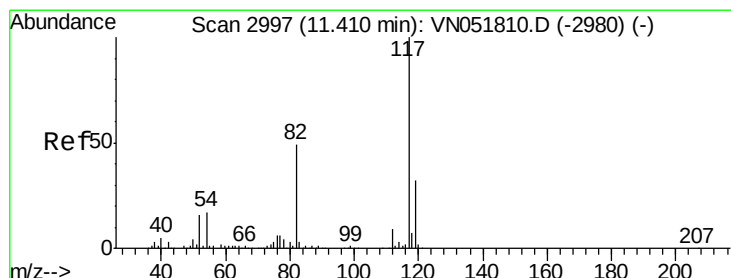
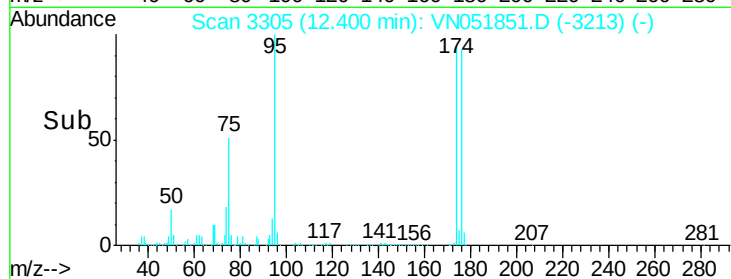
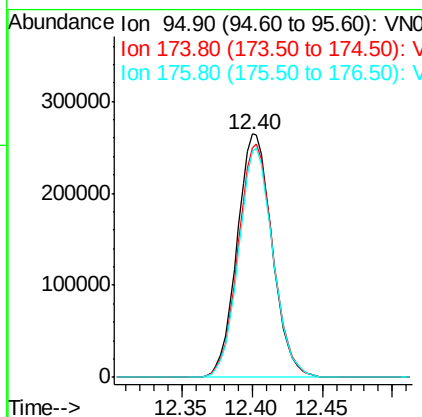
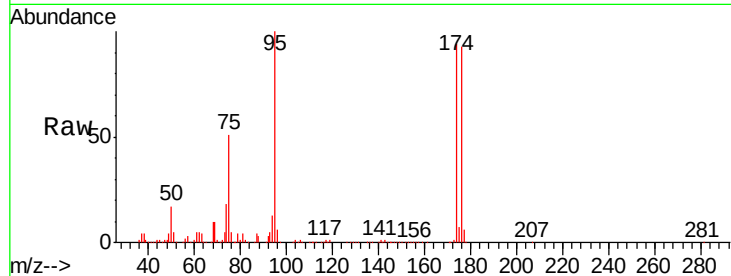




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051851.D
Acq: 12 Oct 2018 23:37

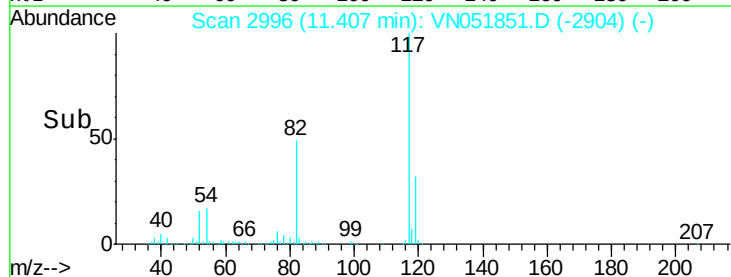
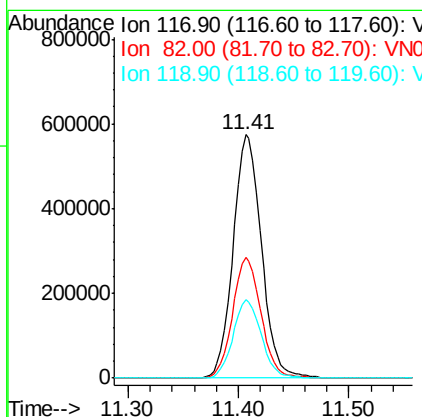
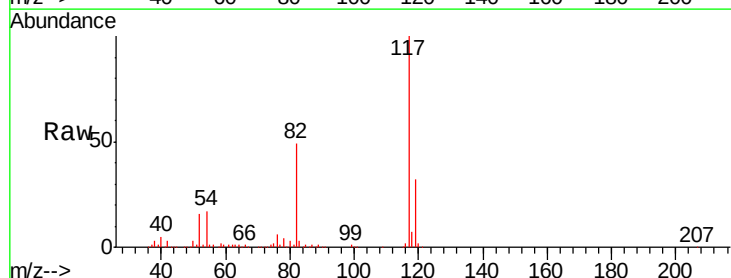
Instrument :
MSVOA_N
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PB113779ZHE#04

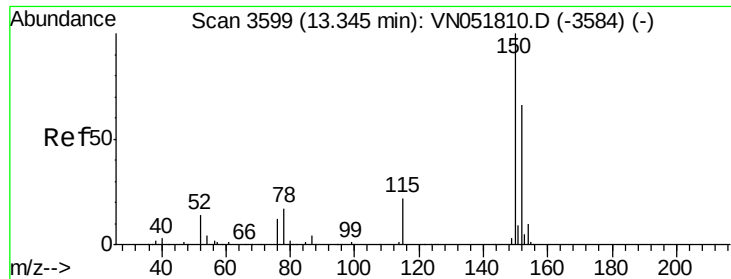
Tgt Ion: 95 Resp: 460776
Ion Ratio Lower Upper
95 100
174 95.2 0.0 183.0
176 92.4 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051851.D
Acq: 12 Oct 2018 23:37

Tgt Ion: 117 Resp: 1023471
Ion Ratio Lower Upper
117 100
82 49.4 42.6 64.0
119 32.1 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051851.D

Acq: 12 Oct 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

PB113779ZHE#04

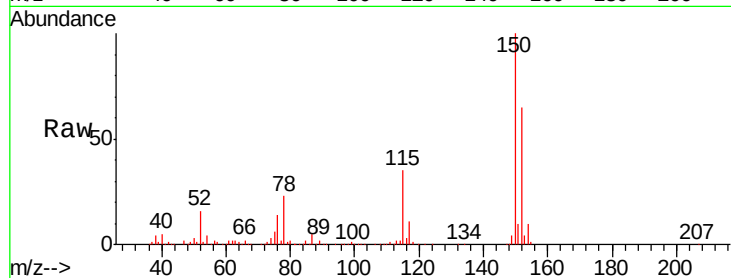
Tgt Ion:152 Resp: 372704

Ion Ratio Lower Upper

152 100

115 54.5 27.8 83.4

150 156.7 0.0 351.4



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

