

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101618\
 Data File : VN051886.D
 Acq On : 16 Oct 2018 11:11
 Operator : MD\SY
 Sample : PB113865ZHE#01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113865ZHE#01

Quant Time: Oct 17 03:53:04 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	882009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1280640	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1129403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	421401	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	483952	57.41	ug/l	0.00
Spiked Amount			Recovery	=	114.82%	
35) Dibromofluoromethane	7.59	113	476097	59.79	ug/l	0.00
Spiked Amount			Recovery	=	119.58%	
50) Toluene-d8	10.09	98	1759842	59.31	ug/l	0.00
Spiked Amount			Recovery	=	118.62%	
62) 4-Bromofluorobenzene	12.40	95	519712	50.74	ug/l	0.00
Spiked Amount			Recovery	=	101.48%	

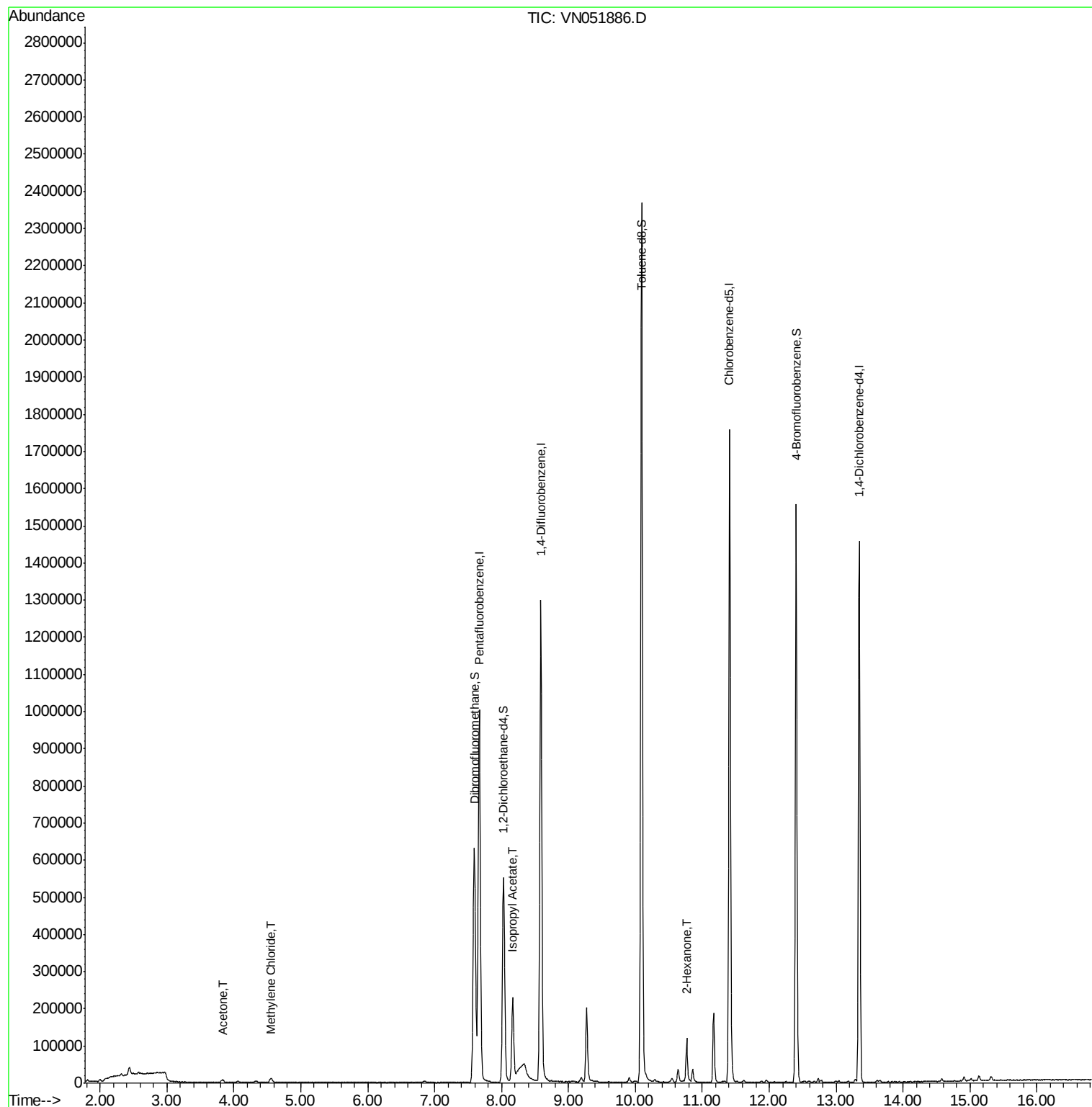
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	12964	7.13	ug/l	96
20) Methylene Chloride	4.56	84	8842	1.18	ug/l #	81
43) Isopropyl Acetate	8.17	43	261724	24.36	ug/l #	95
59) 2-Hexanone	10.77	43	16366	4.22	ug/l #	60

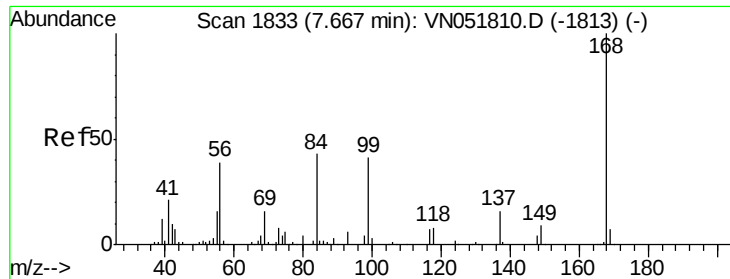
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051886.D

Acq: 16 Oct 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

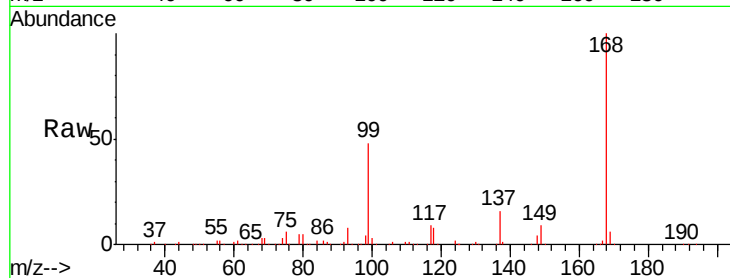
PB113865ZHE#01

Tgt Ion:168 Resp: 882009

Ion Ratio Lower Upper

168 100

99 48.5 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN051810.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051810.D (-1813) (-)

7.67

400000

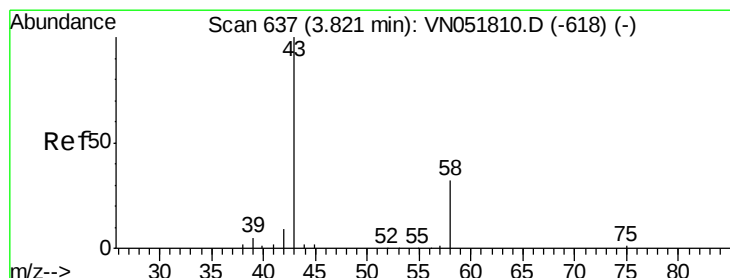
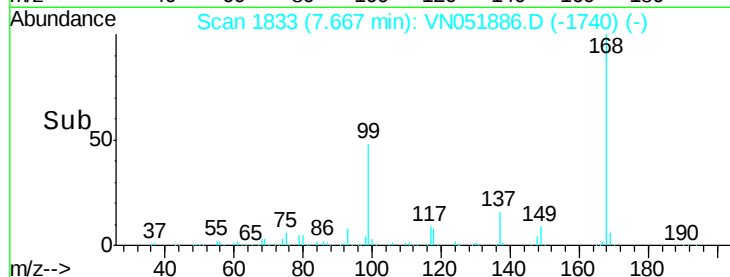
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 7.13 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN051886.D

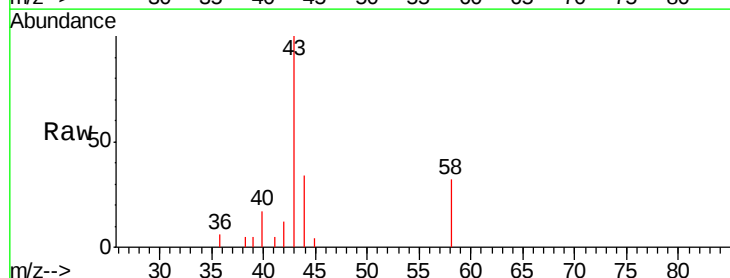
Acq: 16 Oct 2018 11:11

Tgt Ion: 43 Resp: 12964

Ion Ratio Lower Upper

43 100

58 31.8 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN051810.D (-618) (-)

Ion 58.00 (57.70 to 58.70): VN051810.D (-618) (-)

3.83

4000

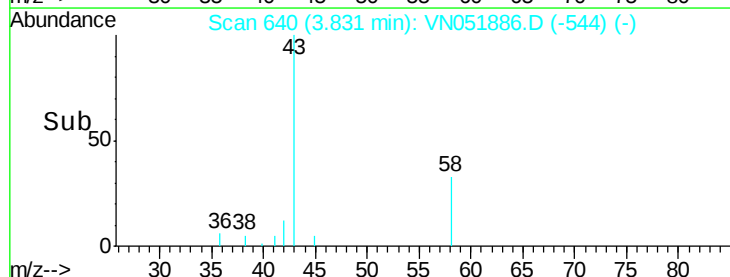
3000

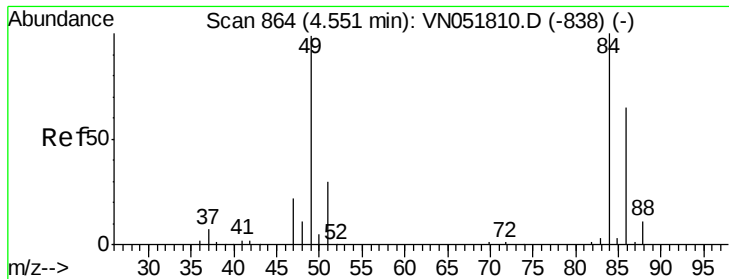
2000

1000

0

Time-->

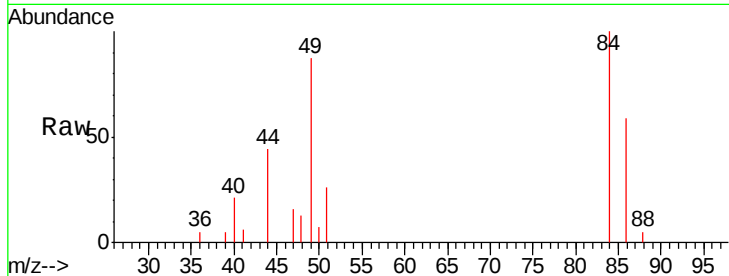




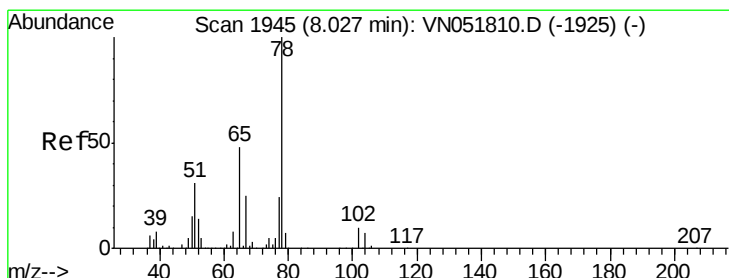
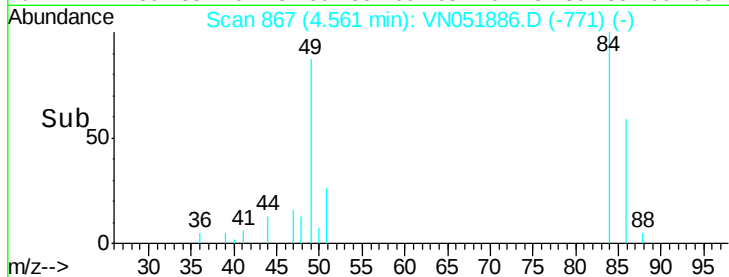
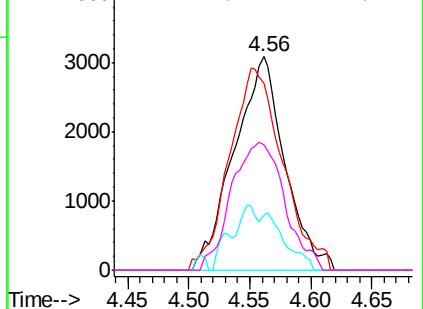
#20
Methylene Chloride
Concen: 1.18 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN051886.D
Acq: 16 Oct 2018 11:11

Instrument :
MSVOA_N
ClientSampleId :
PB113865ZHE#01

Tgt Ion: 84 Resp: 8842
Ion Ratio Lower Upper
84 100
49 87.3 93.2 139.8#
51 25.8 29.0 43.6#
86 58.6 49.8 74.8

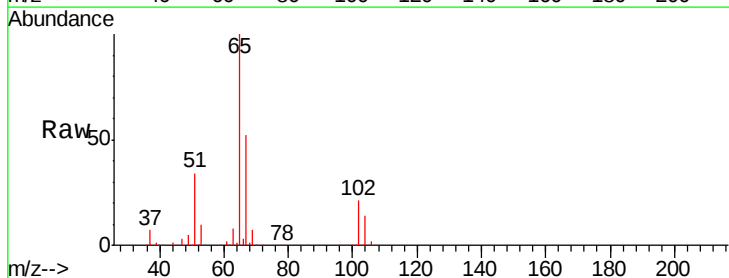


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

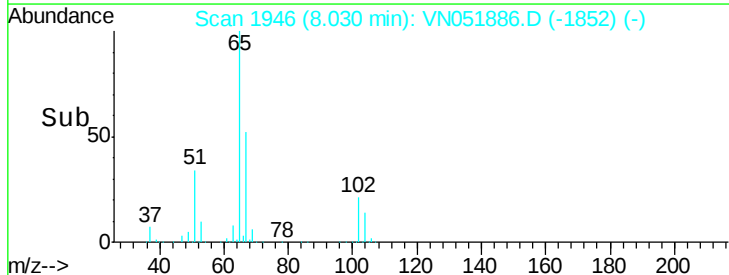
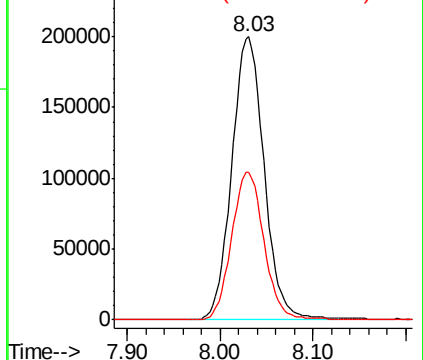


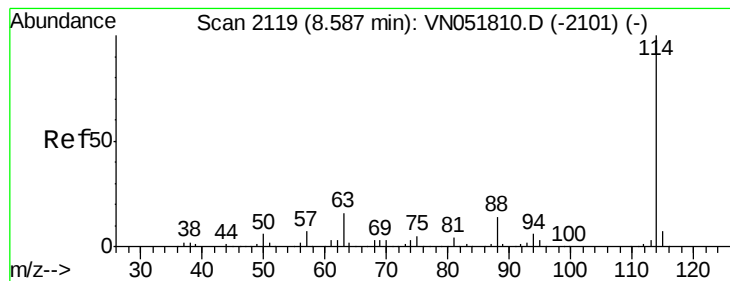
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051886.D
Acq: 16 Oct 2018 11:11

Tgt Ion: 65 Resp: 483952
Ion Ratio Lower Upper
65 100
67 52.4 0.0 110.4



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





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051886.D

Acq: 16 Oct 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

PB113865ZHE#01

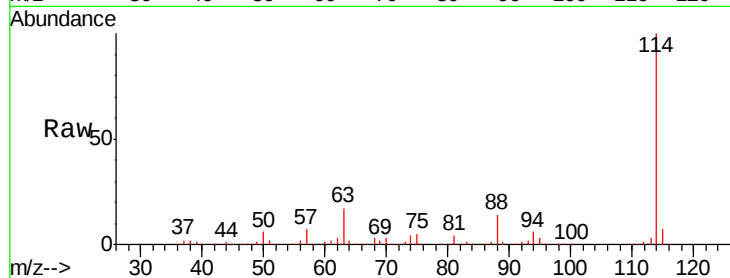
Tgt Ion:114 Resp: 1280640

Ion Ratio Lower Upper

114 100

63 16.6 0.0 38.6

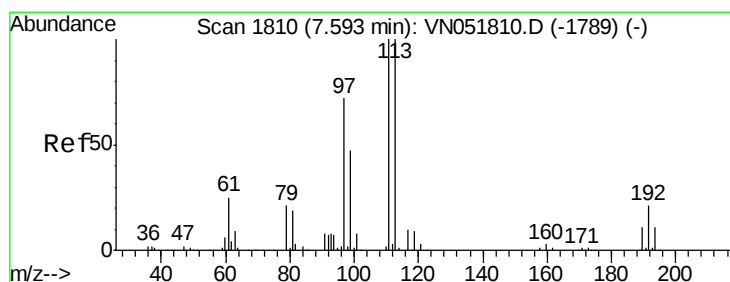
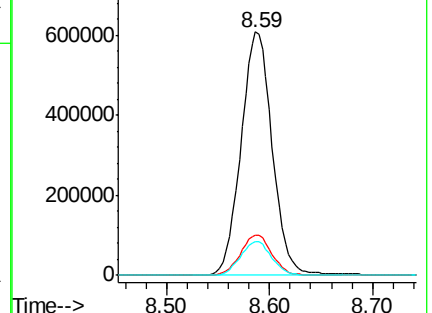
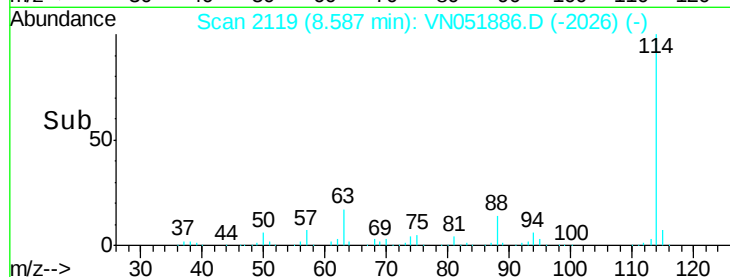
88 14.0 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051886.D

Acq: 16 Oct 2018 11:11

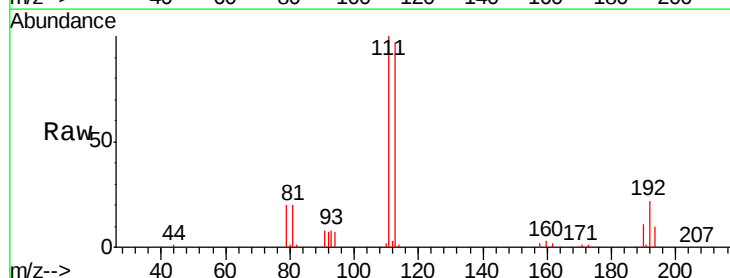
Tgt Ion:113 Resp: 476097

Ion Ratio Lower Upper

113 100

111 101.7 82.6 123.8

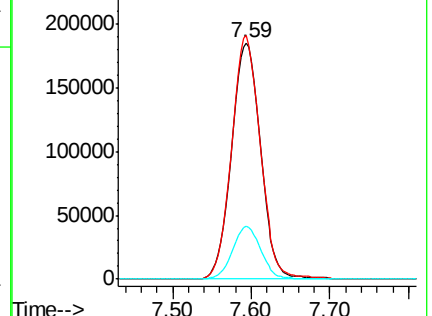
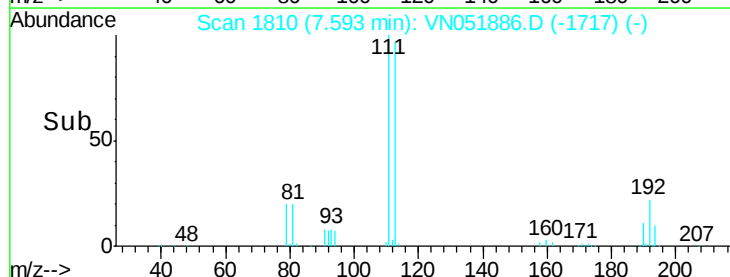
192 21.8 18.0 27.0

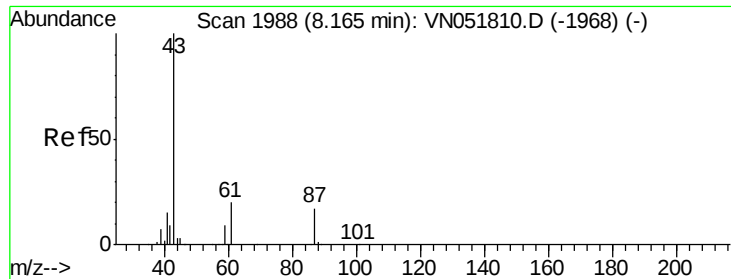


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 24.36 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051886.D

Acq: 16 Oct 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

PB113865ZHE#01

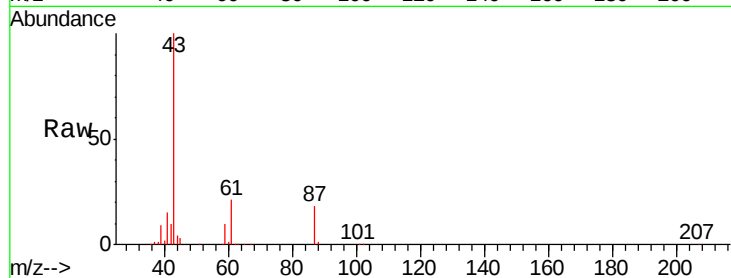
Tgt Ion: 43 Resp: 261724

Ion Ratio Lower Upper

43 100

61 20.5 17.5 26.3

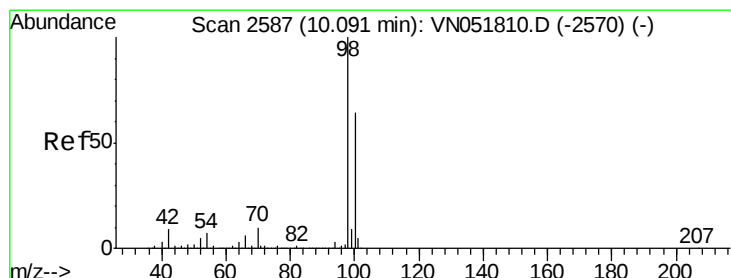
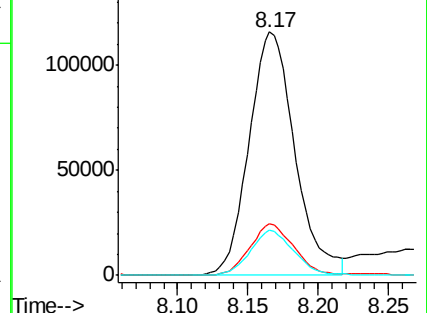
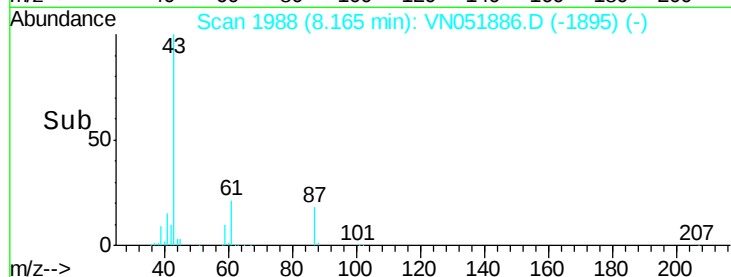
87 17.7 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VN051810.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN051810.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN051810.D (-1968) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051886.D

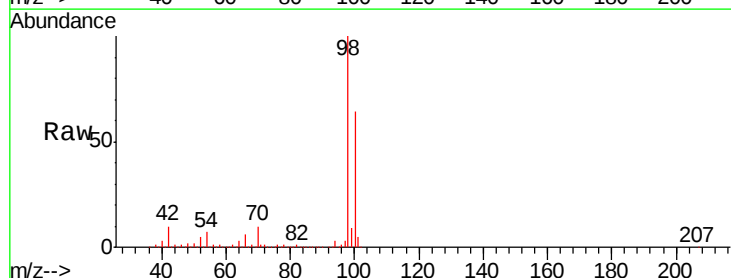
Acq: 16 Oct 2018 11:11

Tgt Ion: 98 Resp: 1759842

Ion Ratio Lower Upper

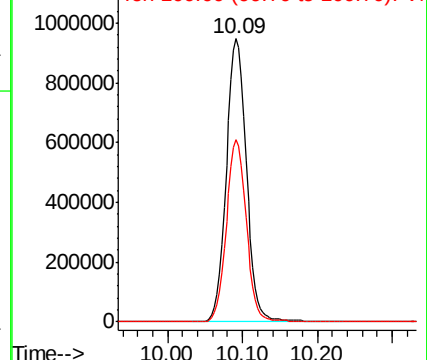
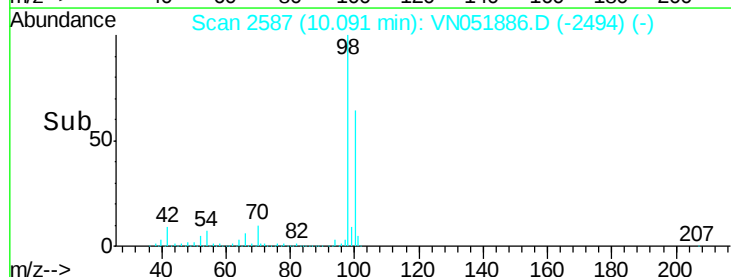
98 100

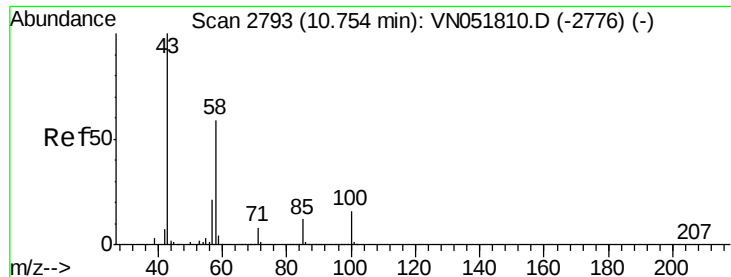
100 63.9 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN051810.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN051810.D (-2570) (-)

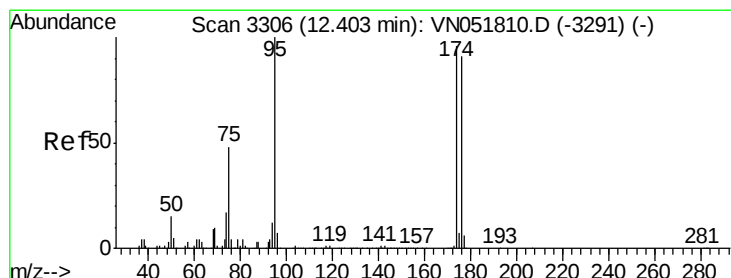
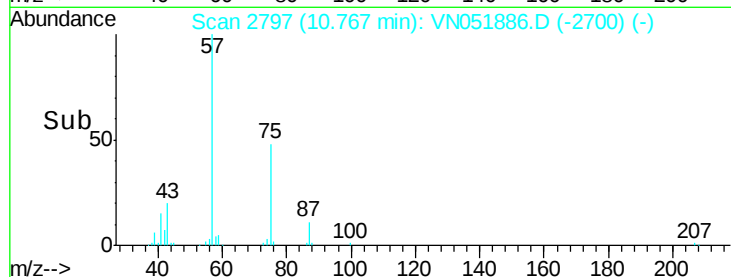
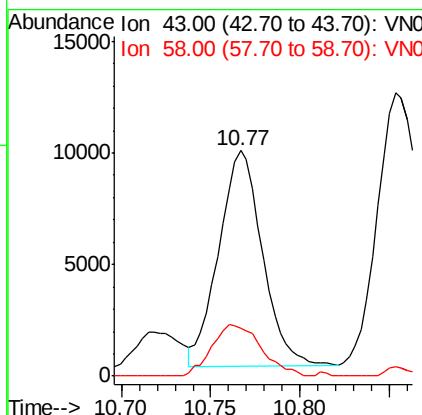
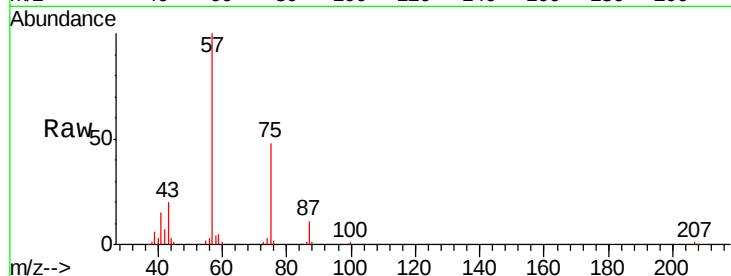




#59
2-Hexanone
Concen: 4.22 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN051886.D
Acq: 16 Oct 2018 11:11

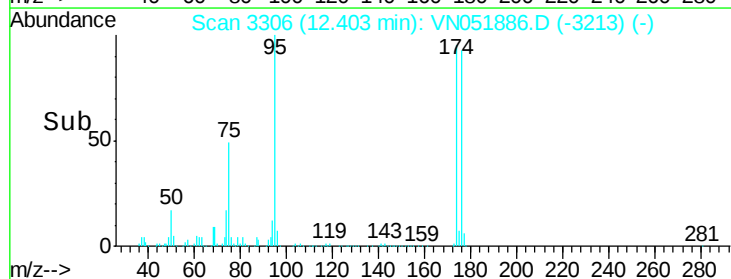
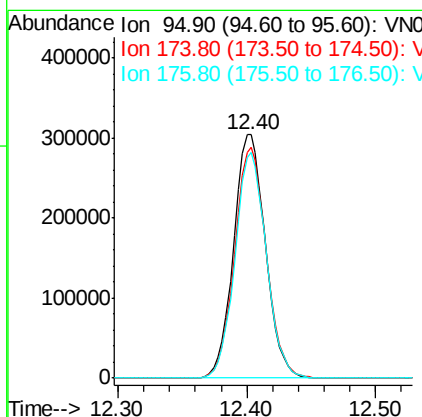
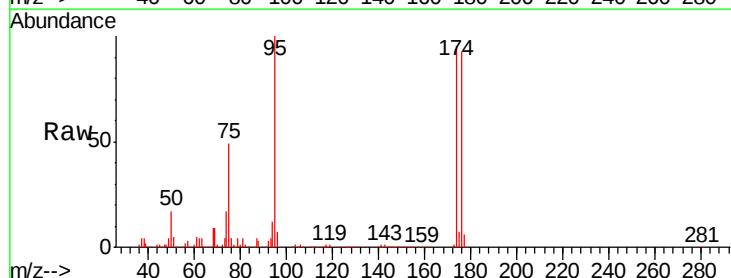
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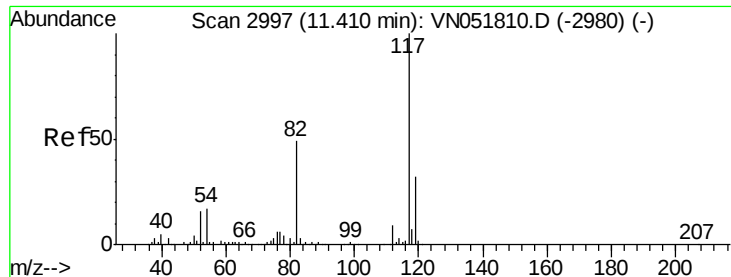
Tgt Ion: 43 Resp: 16366
Ion Ratio Lower Upper
43 100
58 27.0 28.3 85.0#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051886.D
Acq: 16 Oct 2018 11:11

Tgt Ion: 95 Resp: 519712
Ion Ratio Lower Upper
95 100
174 94.3 0.0 183.0
176 91.2 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: VN051886.D

Acq: 16 Oct 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

PB113865ZHE#01

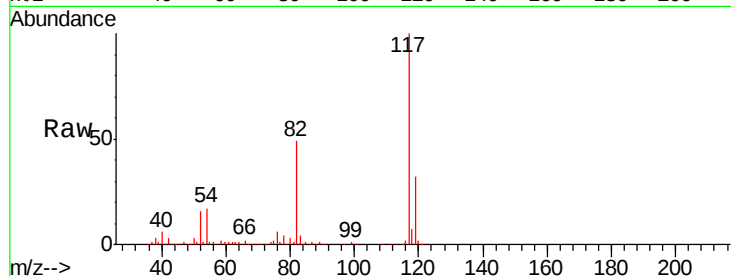
Tgt Ion:117 Resp: 1129403

Ion Ratio Lower Upper

117 100

82 49.3 42.6 64.0

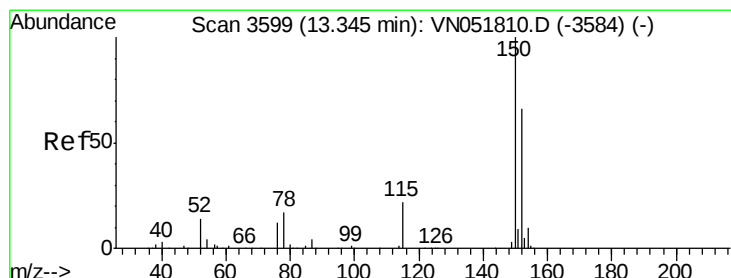
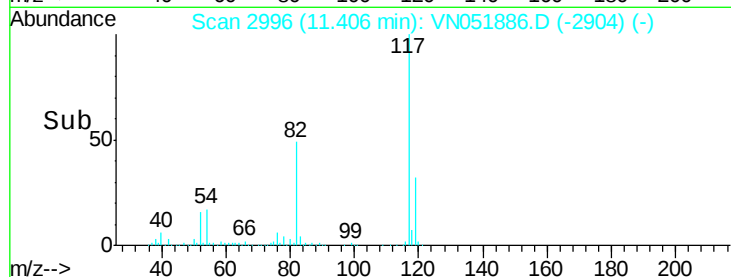
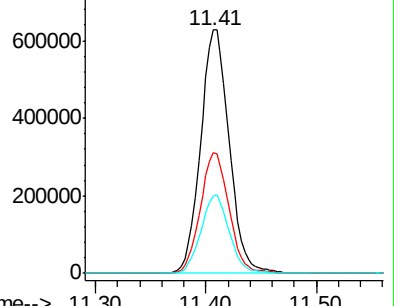
119 31.6 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

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: VN051886.D

Acq: 16 Oct 2018 11:11

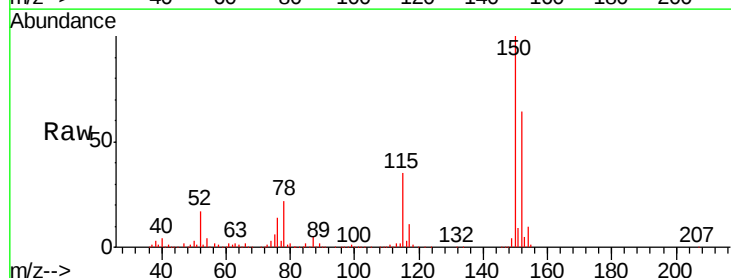
Tgt Ion:152 Resp: 421401

Ion Ratio Lower Upper

152 100

115 54.9 27.8 83.4

150 158.1 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

