

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101818\
 Data File : VN051928.D
 Acq On : 18 Oct 2018 20:28
 Operator : MD\SY
 Sample : PB113908ZHE#09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113908ZHE#09

Quant Time: Oct 19 07:33:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 19 05:11:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	972852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1428742	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1229640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	430999	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	535053	59.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.66%	
35) Dibromofluoromethane	7.59	113	530528	58.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.84%	
50) Toluene-d8	10.09	98	1934618	58.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.06%	
62) 4-Bromofluorobenzene	12.40	95	542398	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	

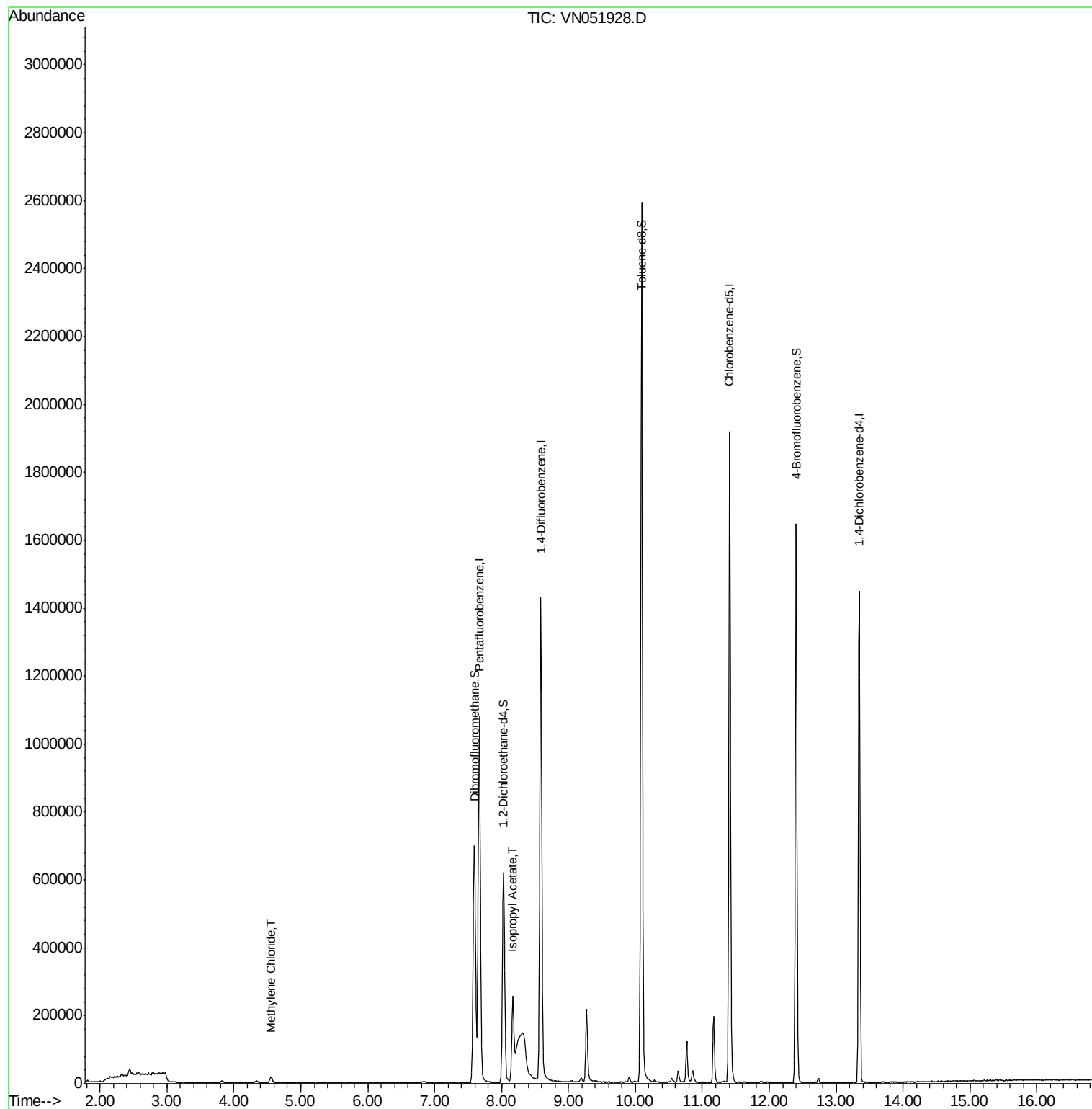
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.55	84	13865	1.71	ug/l	97
43) Isopropyl Acetate	8.17	43	299377	29.16	ug/l	# 84

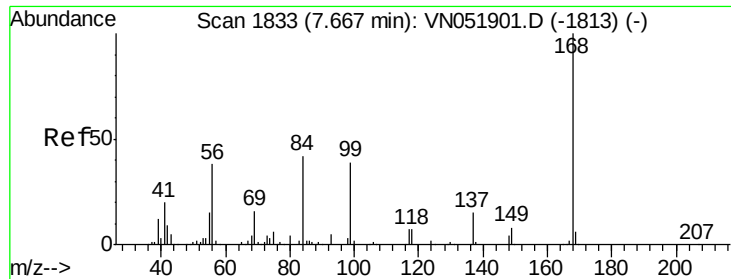
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051928.D

Acq: 18 Oct 2018 20:28

Instrument :

MSVOA_N

ClientSampleId :

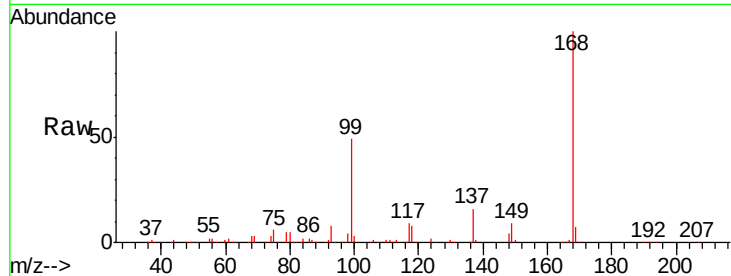
PB113908ZHE#09

Tgt Ion:168 Resp: 972852

Ion Ratio Lower Upper

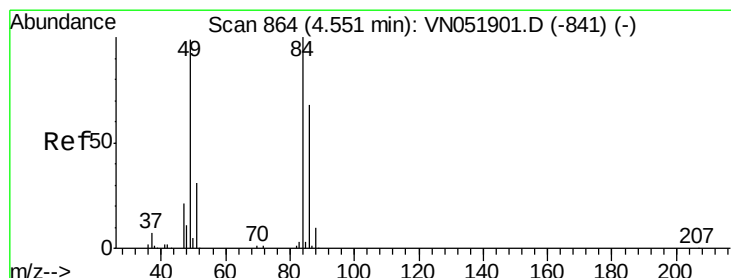
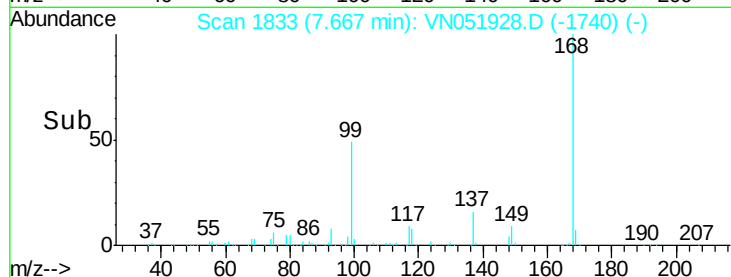
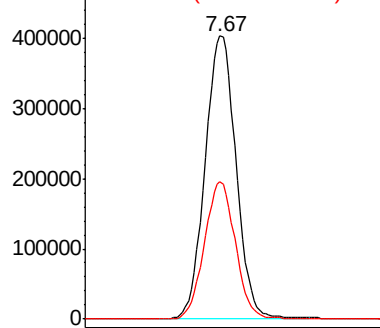
168 100

99 48.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 1.71 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN051928.D

Acq: 18 Oct 2018 20:28

Tgt Ion: 84 Resp: 13865

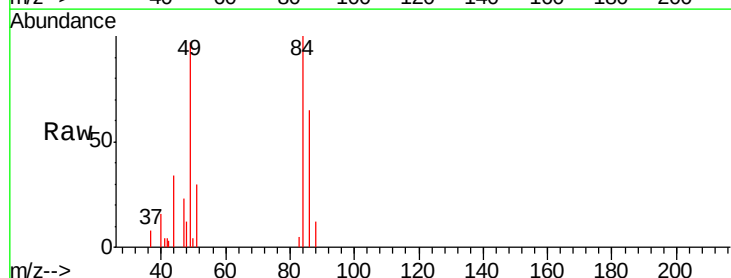
Ion Ratio Lower Upper

84 100

49 96.7 79.0 118.4

51 30.3 24.9 37.3

86 64.6 54.6 82.0

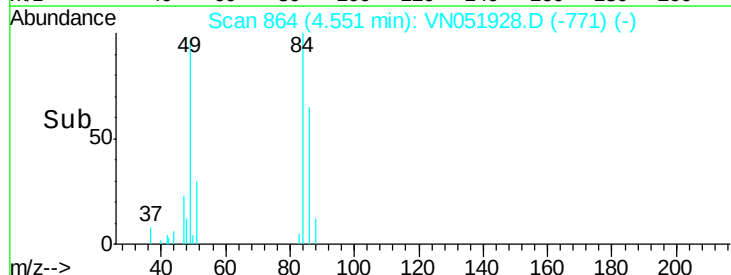
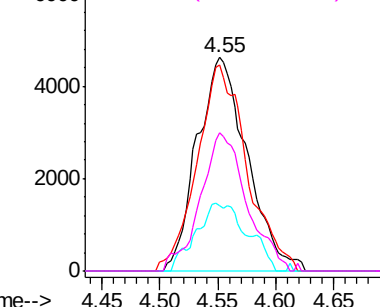


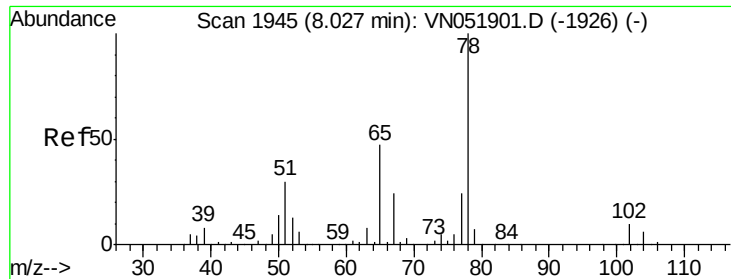
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

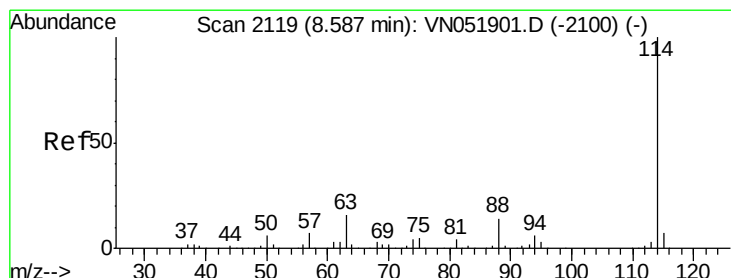
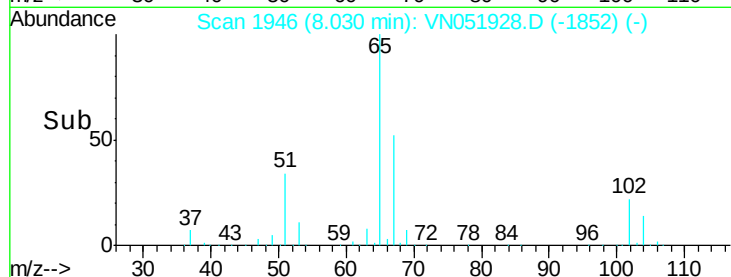
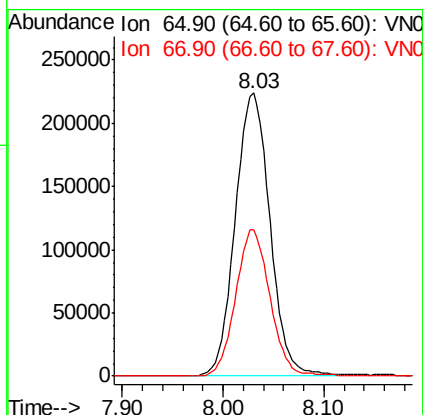
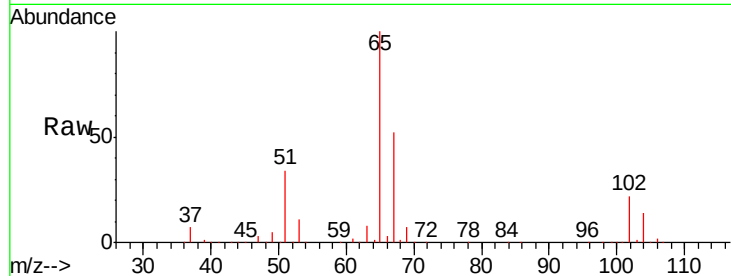




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051928.D
 Acq: 18 Oct 2018 20:28

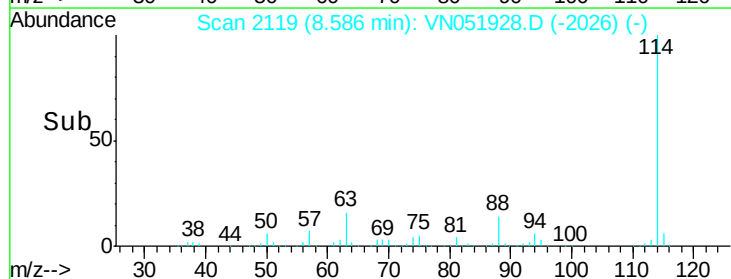
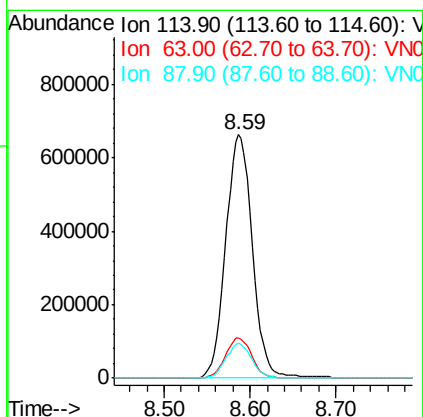
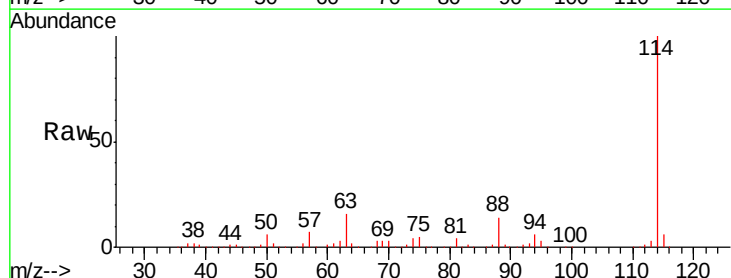
Instrument :
 MSVOA_N
 ClientSampleId :
 PB113908ZHE#09

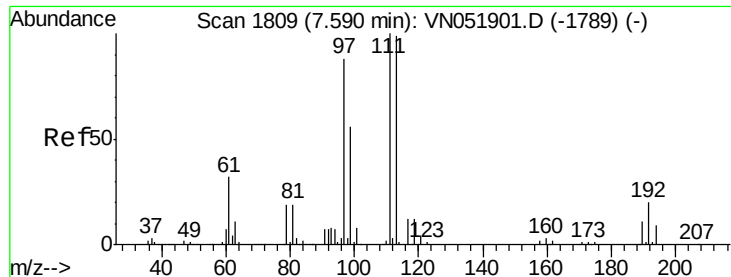
Tgt Ion: 65 Resp: 535053
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051928.D
 Acq: 18 Oct 2018 20:28

Tgt Ion: 114 Resp: 1428742
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 31.8
 88 14.3 0.0 28.0

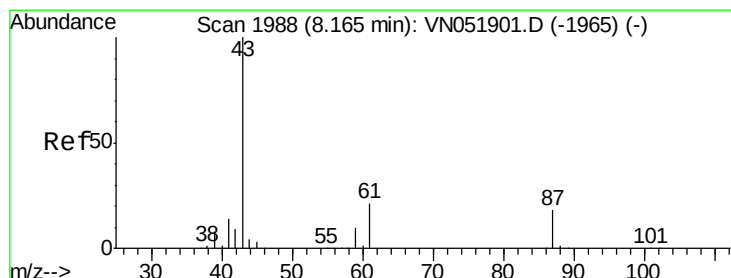
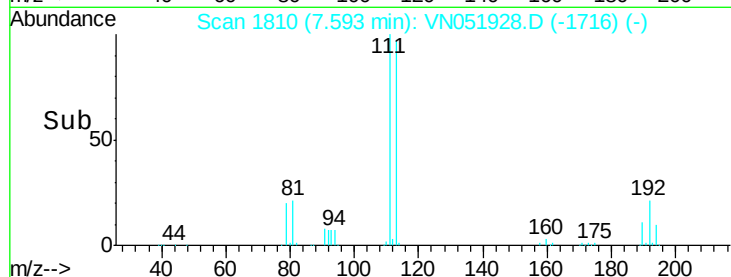
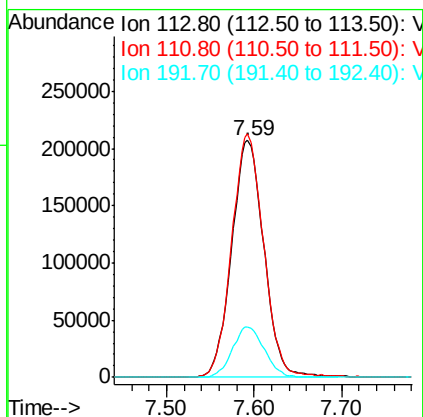
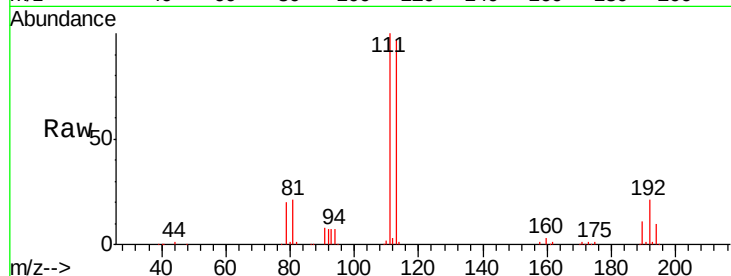




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051928.D
 Acq: 18 Oct 2018 20:28

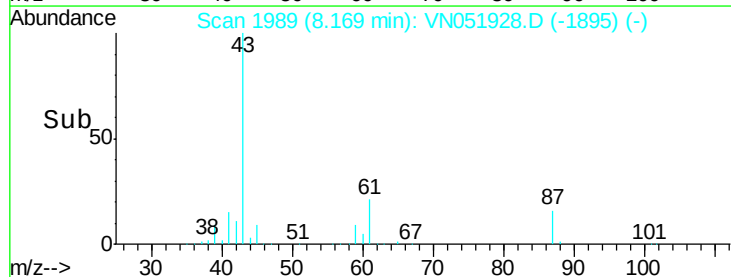
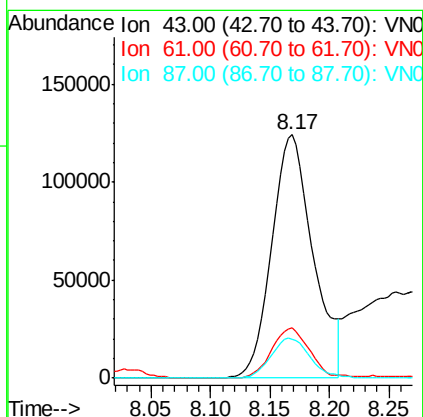
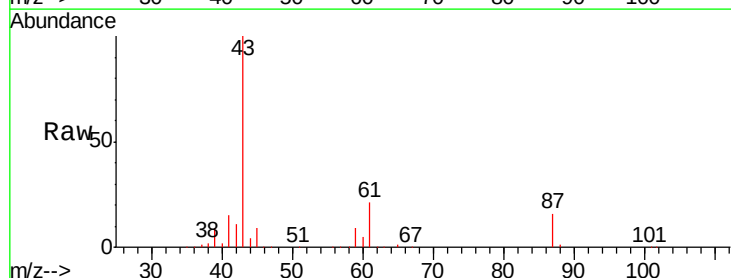
Instrument :
 MSVOA_N
 ClientSampleId :
 PB113908ZHE#09

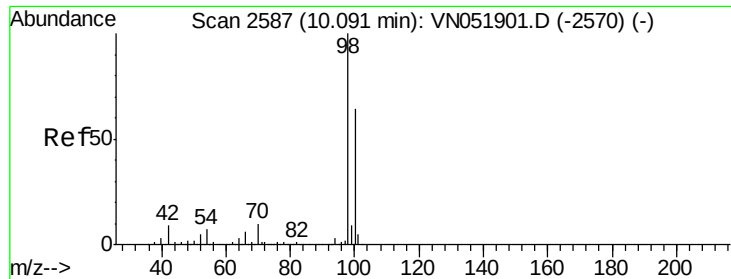
Tgt Ion: 113 Resp: 530528
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.6 123.8
 192 21.0 17.3 25.9



#43
 Isopropyl Acetate
 Concen: 29.16 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN051928.D
 Acq: 18 Oct 2018 20:28

Tgt Ion: 43 Resp: 299377
 Ion Ratio Lower Upper
 43 100
 61 19.3 24.9 37.3#
 87 15.6 14.6 22.0





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051928.D

Acq: 18 Oct 2018 20:28

Instrument :

MSVOA_N

ClientSampleId :

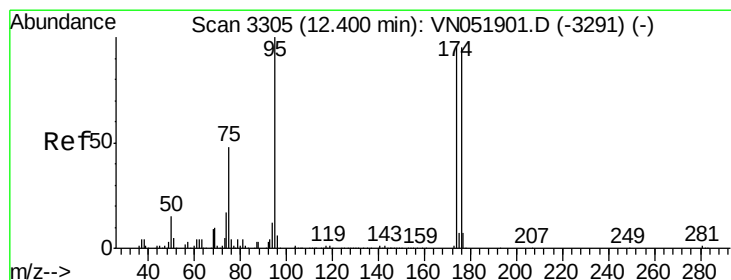
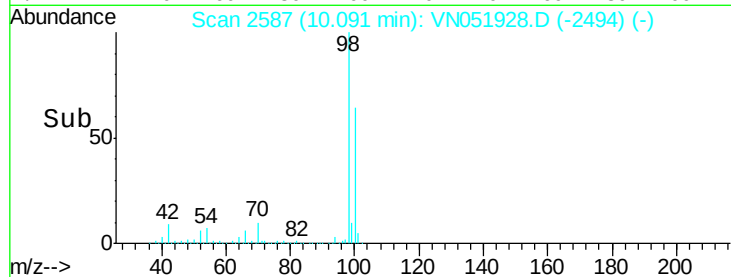
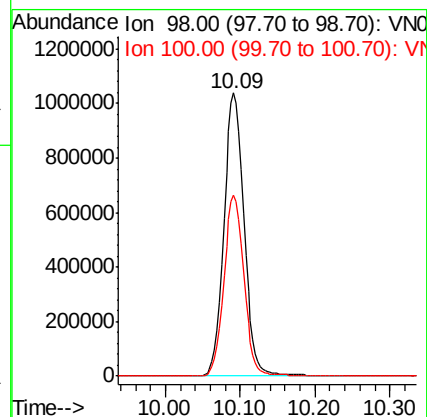
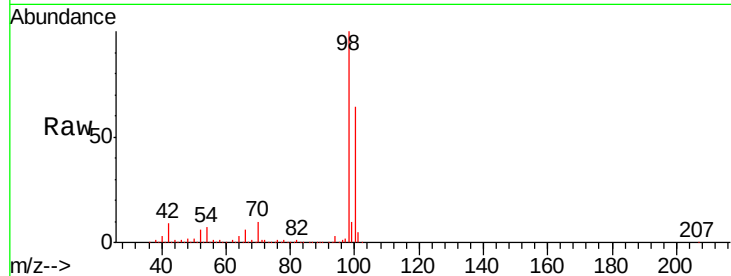
PB113908ZHE#09

Tgt Ion: 98 Resp: 1934618

Ion Ratio Lower Upper

98 100

100 63.7 51.0 76.4



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN051928.D

Acq: 18 Oct 2018 20:28

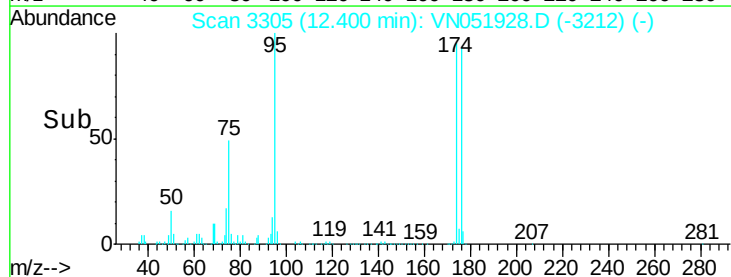
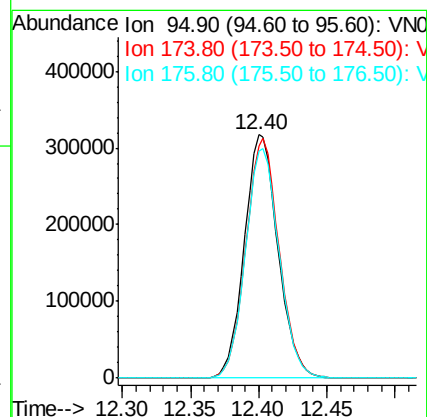
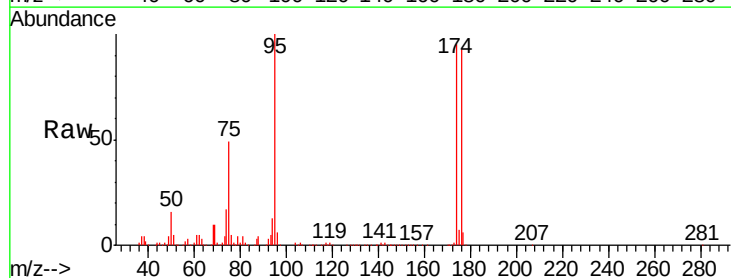
Tgt Ion: 95 Resp: 542398

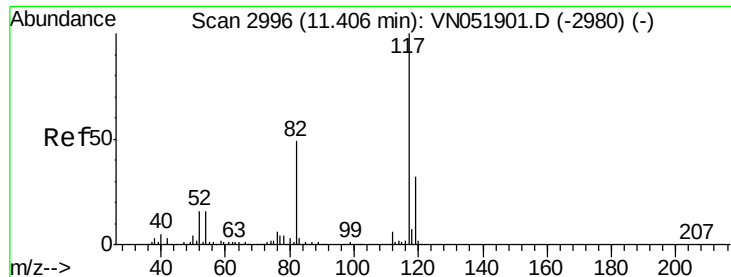
Ion Ratio Lower Upper

95 100

174 97.6 0.0 195.0

176 94.6 0.0 191.4

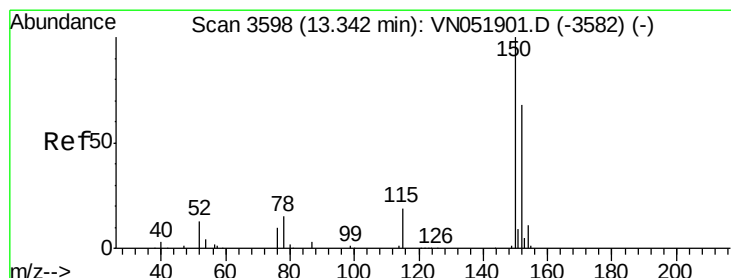
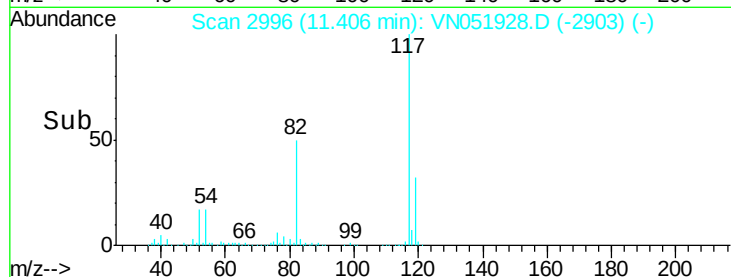
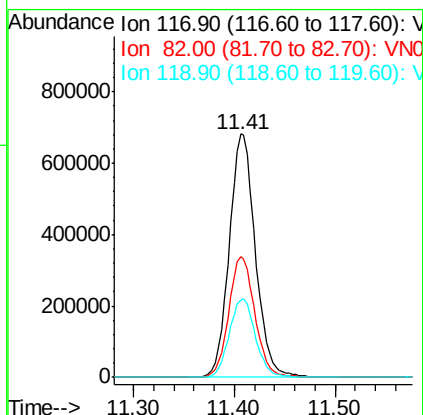
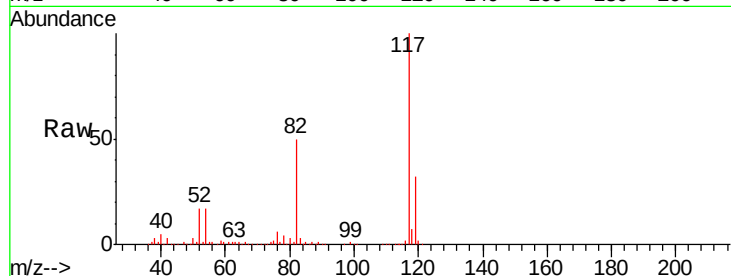




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#09

Tgt Ion:117 Resp: 1229640
Ion Ratio Lower Upper
117 100
82 49.8 38.9 58.3
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Tgt Ion:152 Resp: 430999
Ion Ratio Lower Upper
152 100
115 53.3 26.7 80.1
150 156.5 0.0 346.4

