

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN033119\
 Data File : VN054857.D
 Acq On : 31 Mar 2019 18:11
 Operator : JC/SP
 Sample : K2180-16
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9

Quant Time: Apr 01 04:17:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

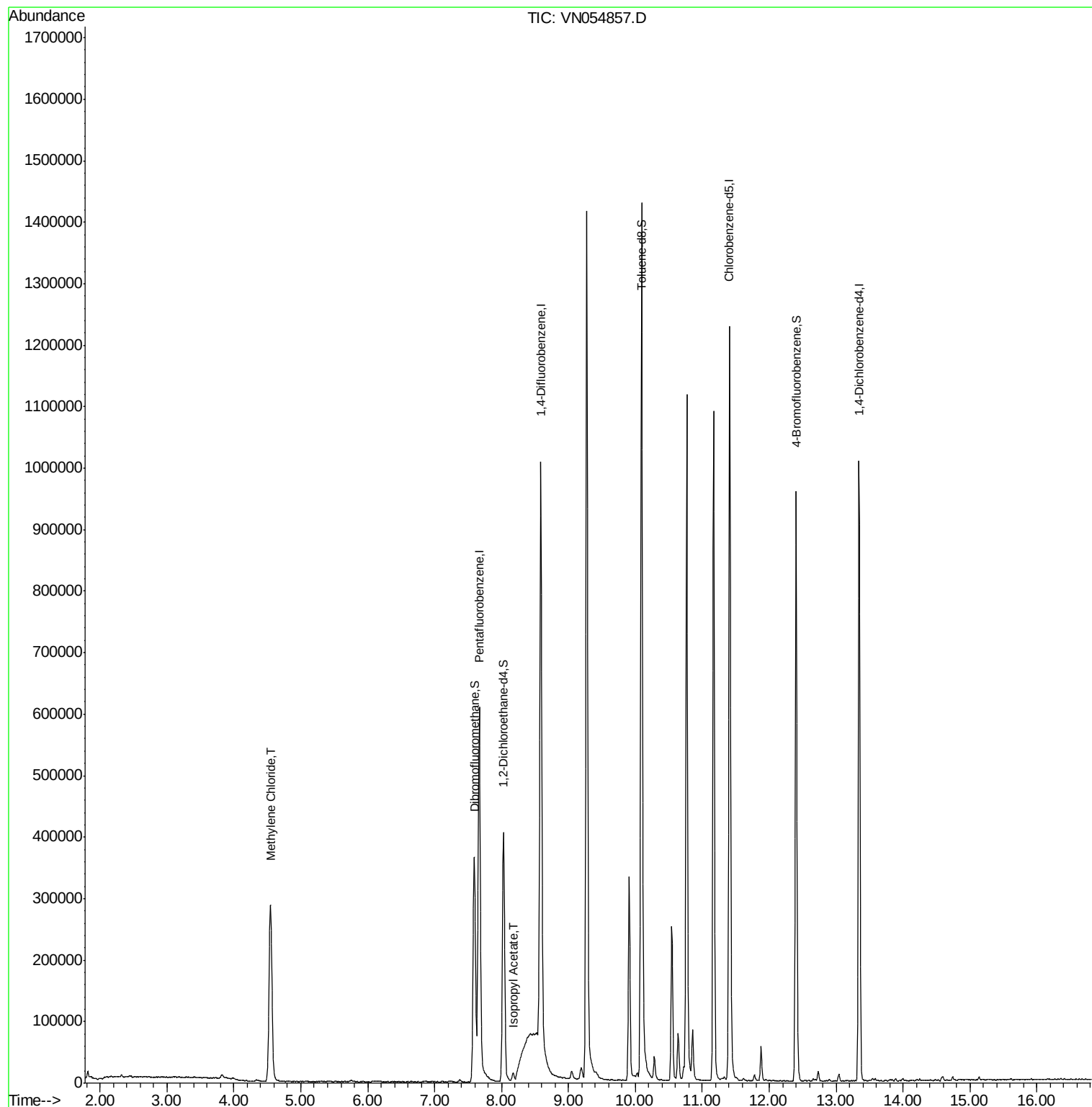
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	518018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	872672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	737955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	271747	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	350519	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
35) Dibromofluoromethane	7.59	113	277877	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
50) Toluene-d8	10.09	98	1035867	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
62) 4-Bromofluorobenzene	12.40	95	324572	45.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.24%	
Target Compounds						
20) Methylene Chloride	4.55	84	202707	34.510	ug/l #	85
43) Isopropyl Acetate	8.17	43	16977	1.752	ug/l #	84

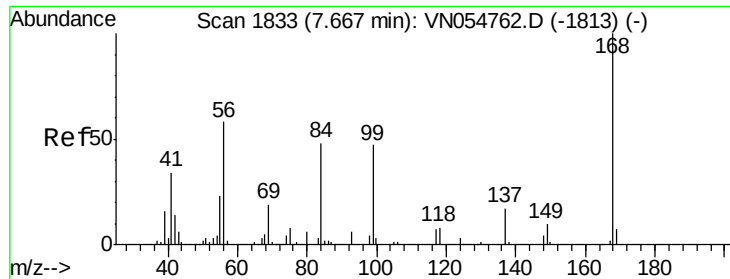
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054857.D

Acq: 31 Mar 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

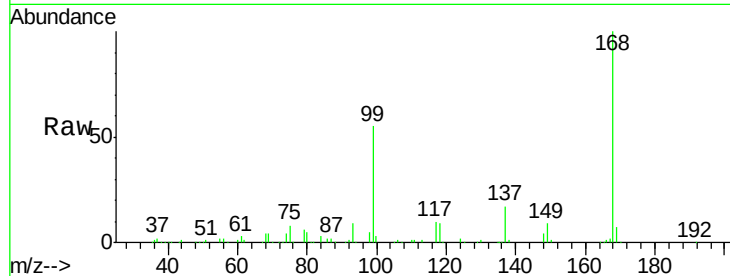
TP-9

Tgt Ion:168 Resp: 518018

Ion Ratio Lower Upper

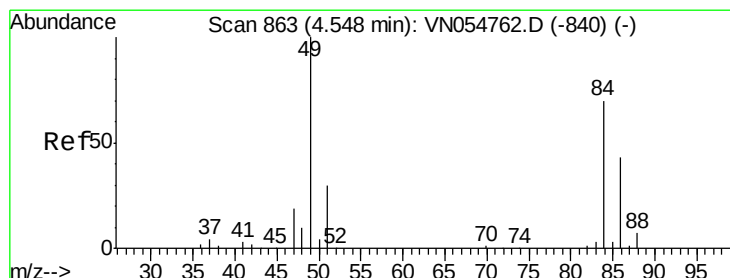
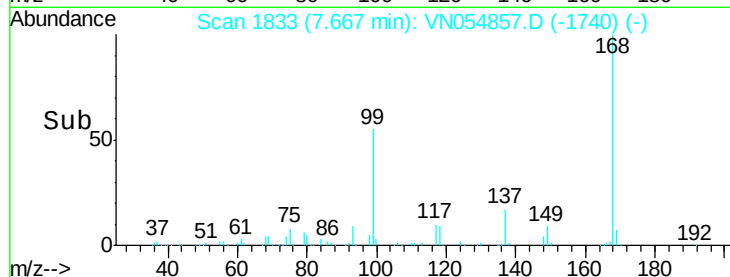
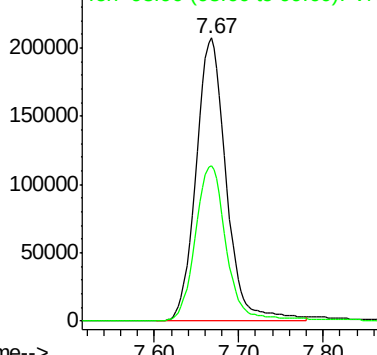
168 100

99 55.0 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 34.510 ug/l

RT: 4.55 min Scan# 862

Delta R.T. -0.00 min

Lab File: VN054857.D

Acq: 31 Mar 2019 18:11

Tgt Ion: 84 Resp: 202707

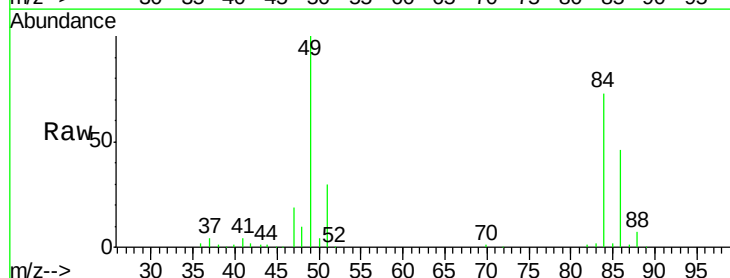
Ion Ratio Lower Upper

84 100

49 137.5 89.7 134.5#

51 40.8 28.2 42.4

86 62.8 50.8 76.2

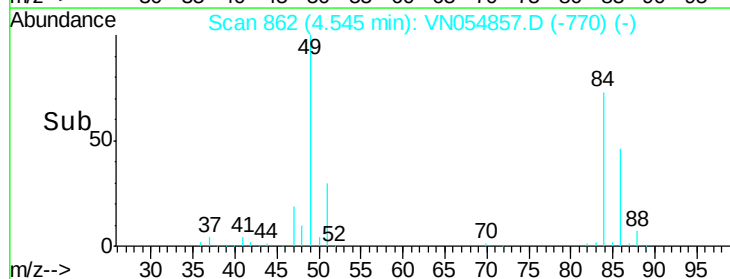
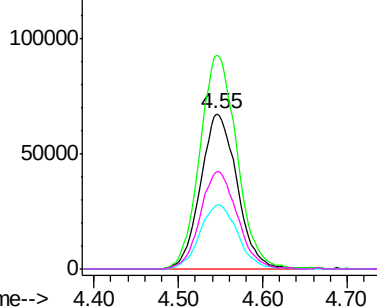


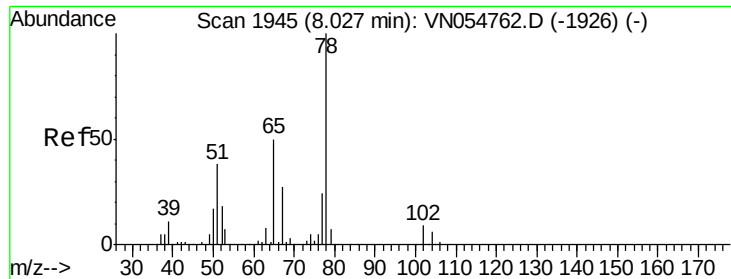
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

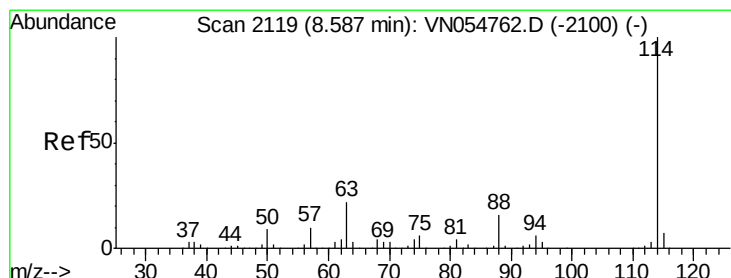
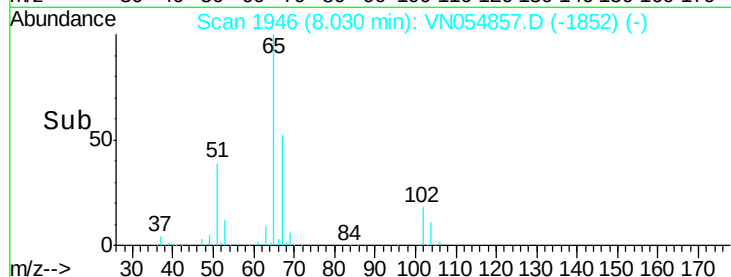
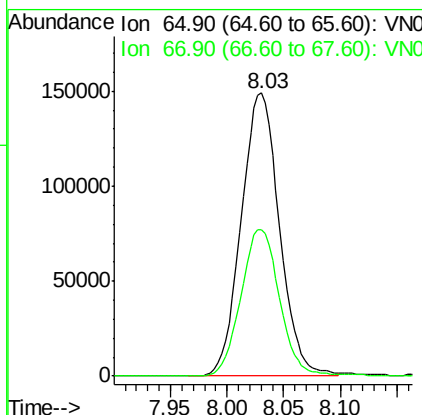
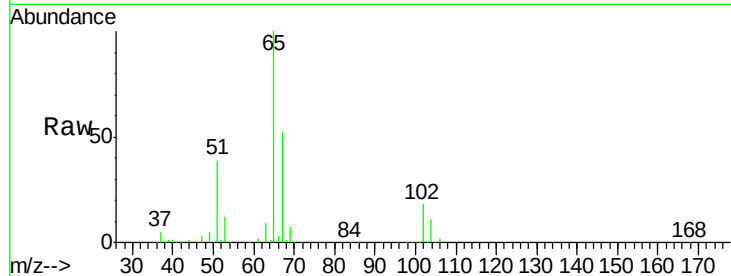




#33
 1,2-Dichloroethane-d4
 Concen: 50.196 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054857.D
 Acq: 31 Mar 2019 18:11

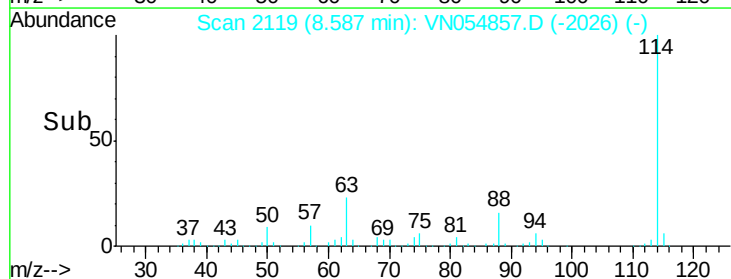
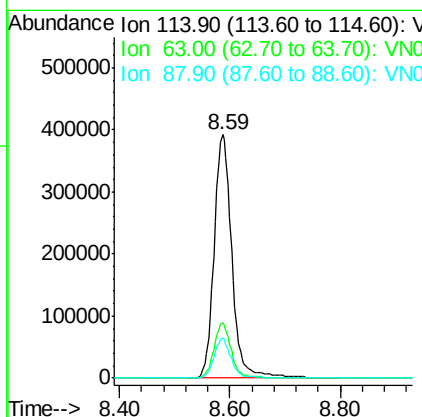
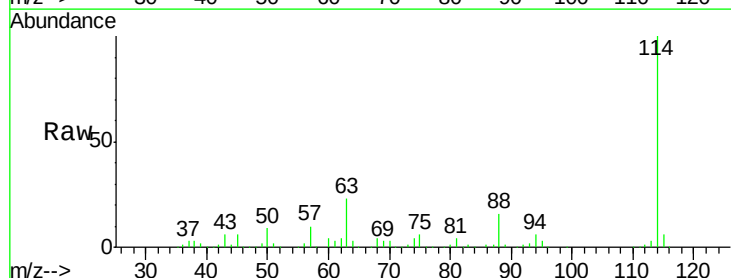
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9

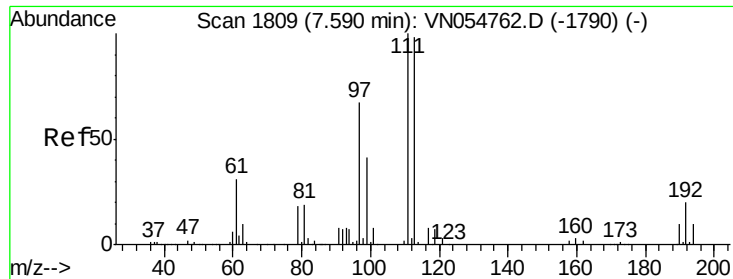
Tgt Ion: 65 Resp: 350519
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054857.D
 Acq: 31 Mar 2019 18:11

Tgt Ion: 114 Resp: 872672
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 35.2
 88 16.3 0.0 30.2

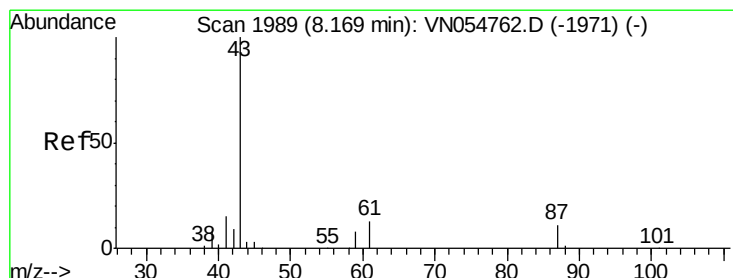
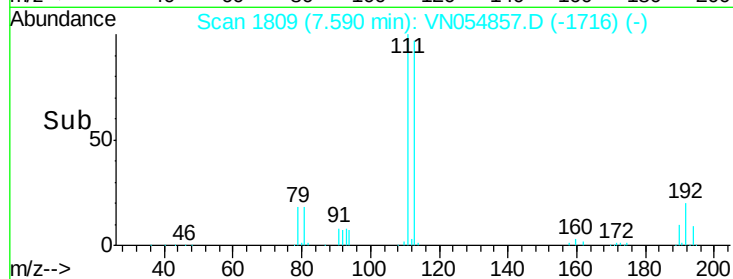
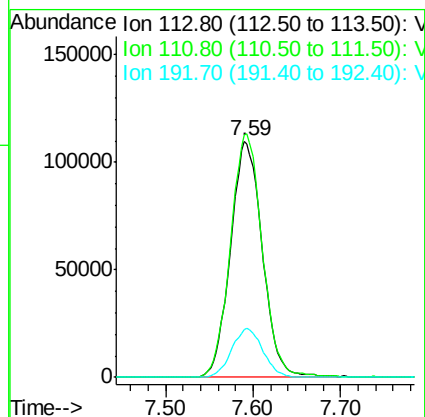
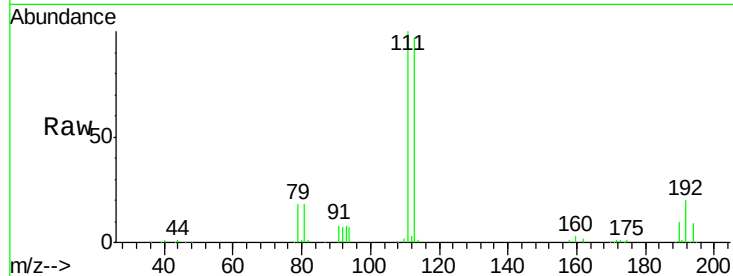




#35
 Dibromofluoromethane
 Concen: 47.761 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054857.D
 Acq: 31 Mar 2019 18:11

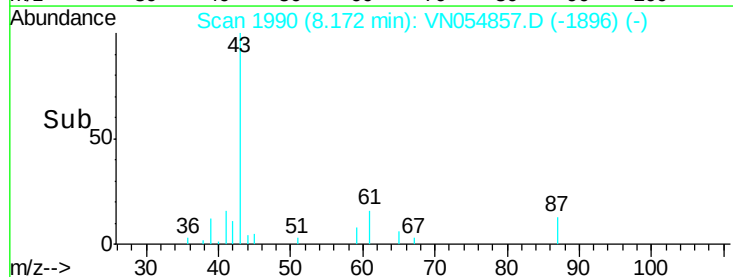
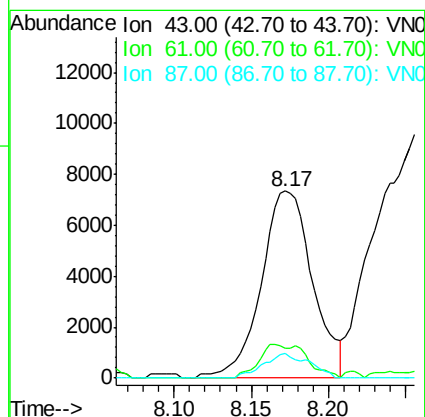
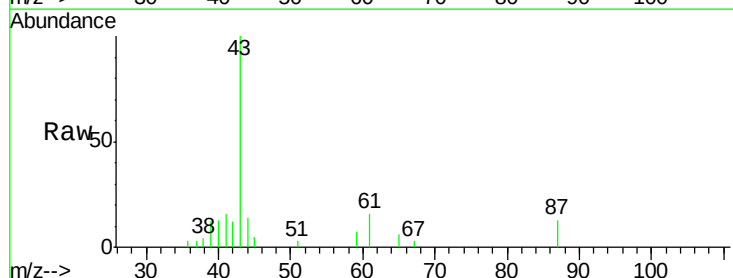
Instrument :
 MSVOA_N
 ClientSampled :
 TP-9

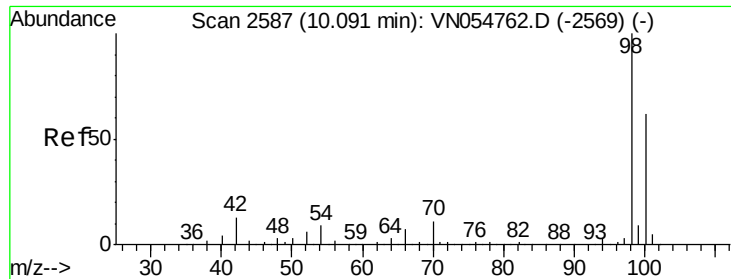
Tgt Ion: 113 Resp: 277877
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.4
 192 20.4 19.2 28.8



#43
 Isopropyl Acetate
 Concen: 1.752 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN054857.D
 Acq: 31 Mar 2019 18:11

Tgt Ion: 43 Resp: 16977
 Ion Ratio Lower Upper
 43 100
 61 9.4 15.8 23.8#
 87 11.6 12.0 18.0#





#50

Toluene-d8

Concen: 47.890 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054857.D

Acq: 31 Mar 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

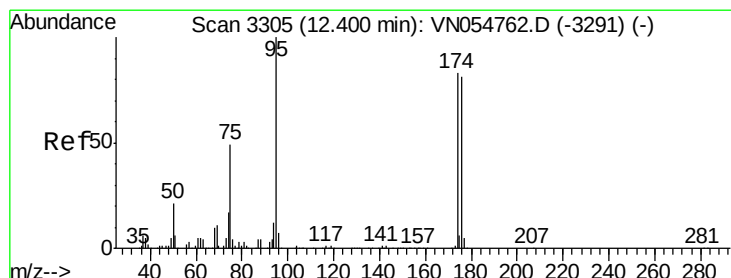
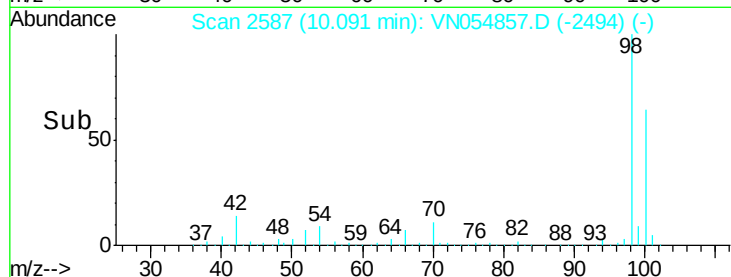
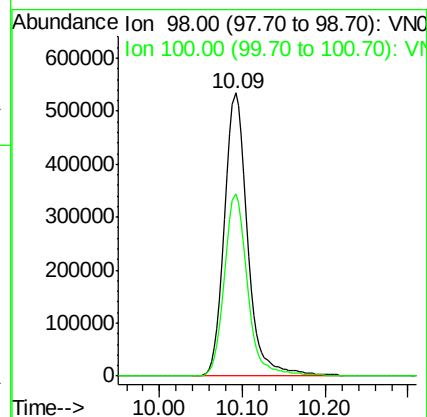
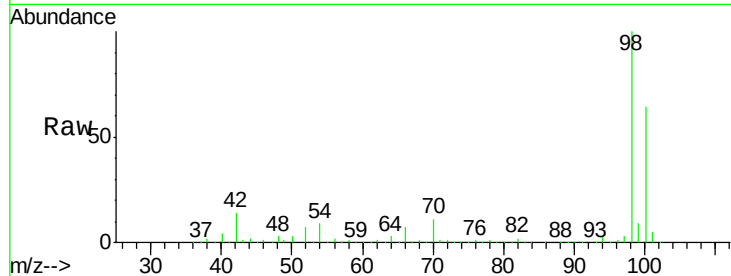
TP-9

Tgt Ion: 98 Resp: 1035867

Ion Ratio Lower Upper

98 100

100 64.8 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 45.119 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054857.D

Acq: 31 Mar 2019 18:11

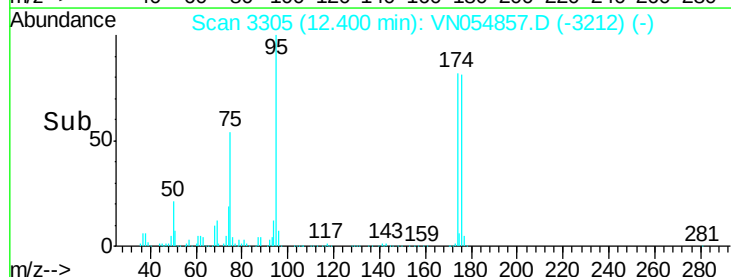
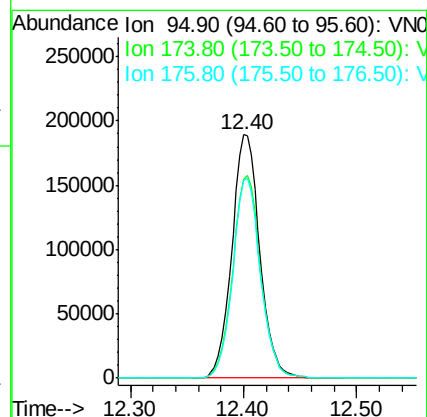
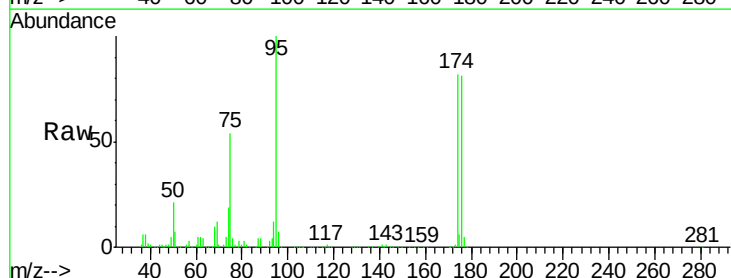
Tgt Ion: 95 Resp: 324572

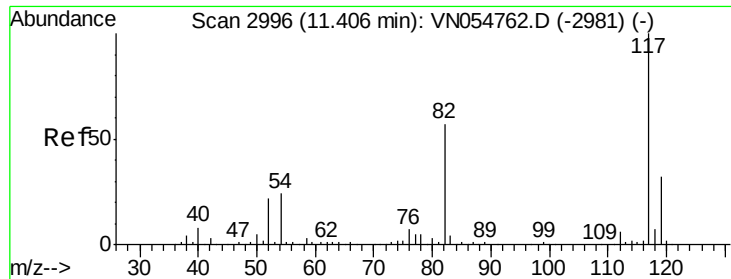
Ion Ratio Lower Upper

95 100

174 83.5 0.0 191.0

176 81.6 0.0 187.4

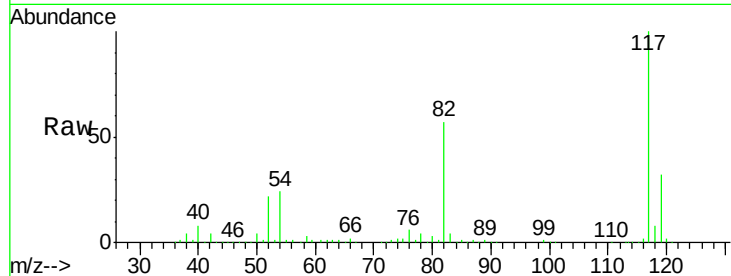




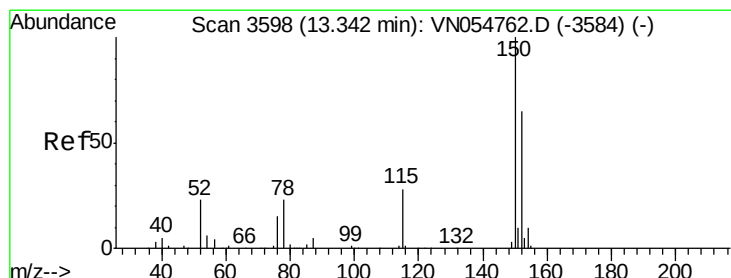
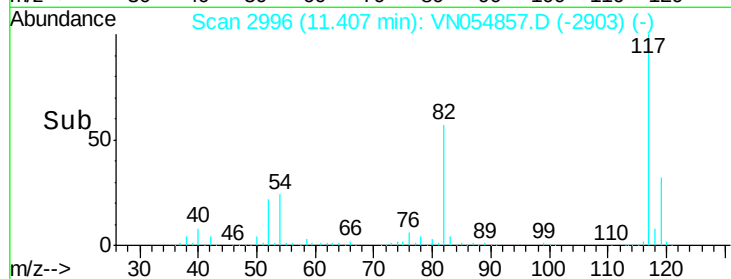
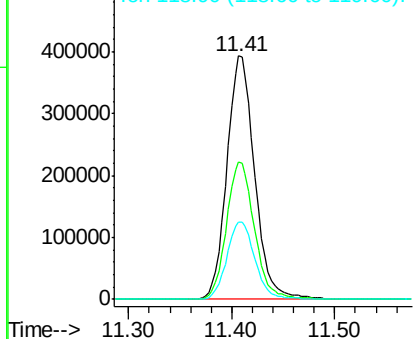
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054857.D
Acq: 31 Mar 2019 18:11

Instrument :
MSVOA_N
ClientSampled :
TP-9

Tgt Ion:117 Resp: 737955
Ion Ratio Lower Upper
117 100
82 56.6 40.0 60.0
119 31.9 25.8 38.6

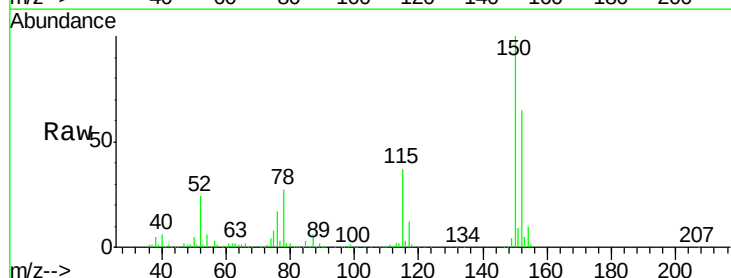


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054857.D
Acq: 31 Mar 2019 18:11

Tgt Ion:152 Resp: 271747
Ion Ratio Lower Upper
152 100
115 56.8 27.2 81.6
150 155.0 0.0 349.2



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

