

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110618\
 Data File : VN052180.D
 Acq On : 6 Nov 2018 9:54
 Operator : MD\SY
 Sample : J5805-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-SAMPLES(26-30)

Quant Time: Nov 06 16:20:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 15:24:48 2018
 Response via : Initial Calibration

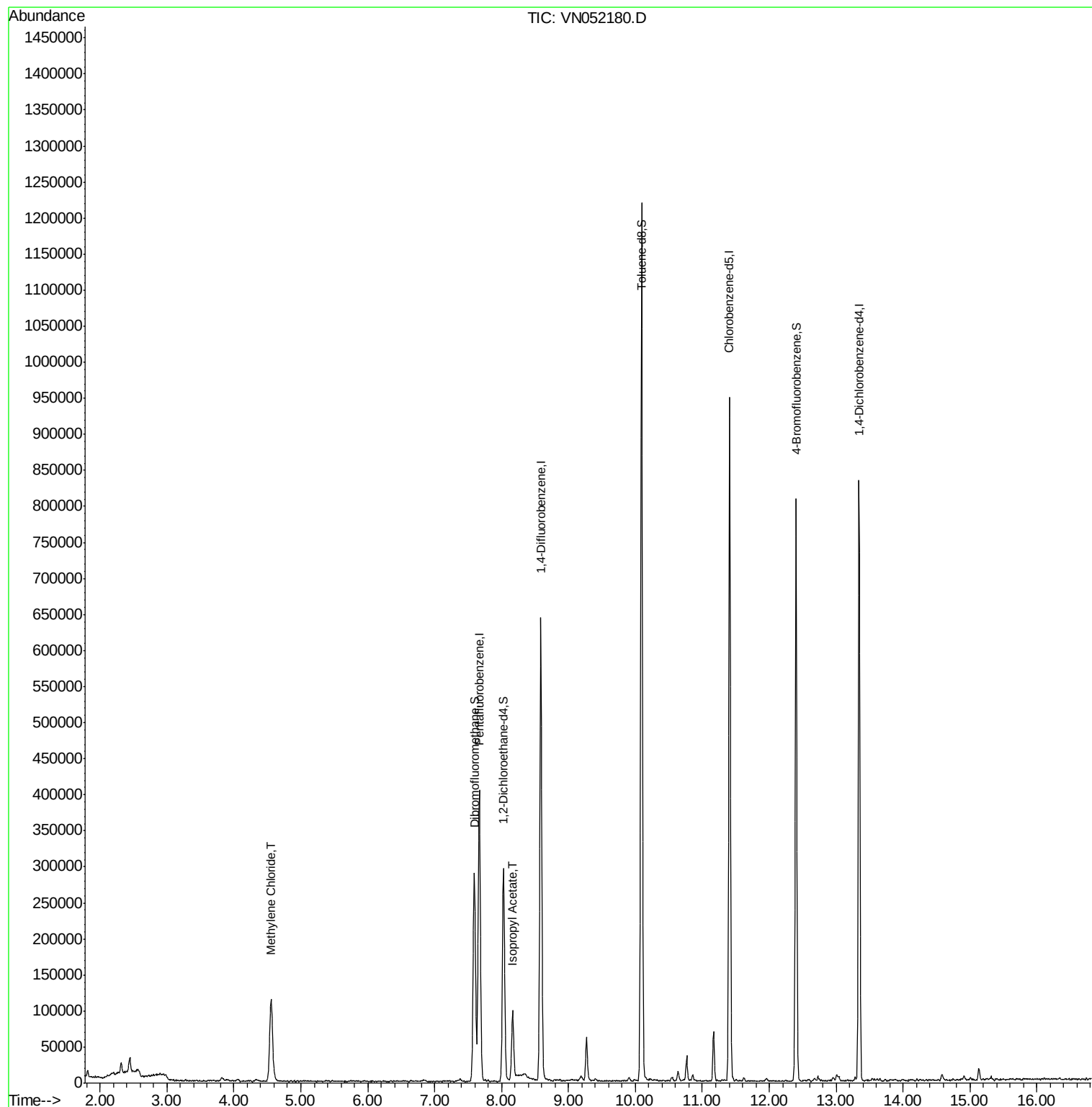
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	314009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	566487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	538327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	210747	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	241439	64.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.68%	
35) Dibromofluoromethane	7.59	113	213864	60.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.62%	
50) Toluene-d8	10.09	98	844025	62.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.14%	
62) 4-Bromofluorobenzene	12.40	95	270906	60.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.38%	
Target Compounds						
20) Methylene Chloride	4.55	84	82123	23.429	ug/l	89
43) Isopropyl Acetate	8.17	43	124808	21.827	ug/l	98

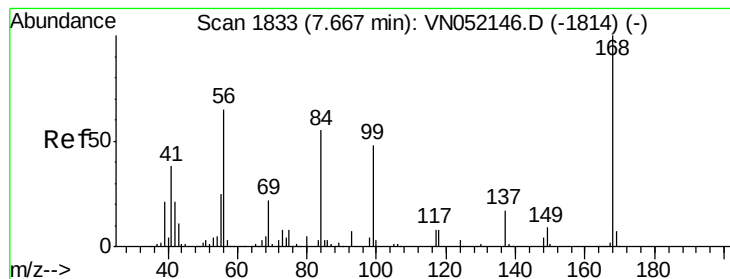
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052180.D

Acq: 6 Nov 2018 9:54

Instrument :

MSVOA_N

ClientSampleId :

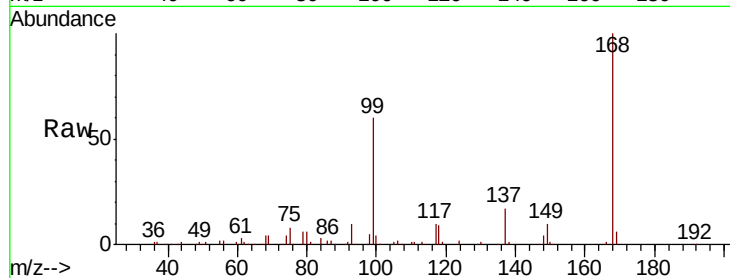
COMP-SAMPLES(26-30)

Tot Ion:168 Resp: 314009

Ion Ratio Lower Upper

168 100

99 59.9 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

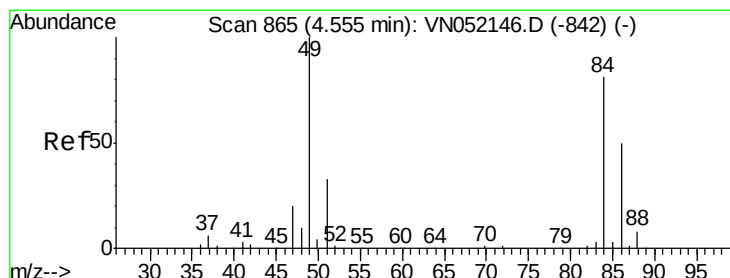
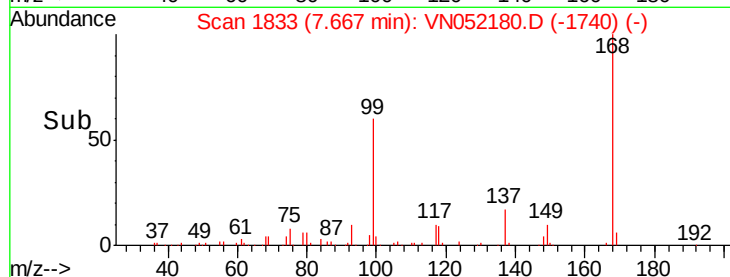
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#20

Methylene Chloride

Concen: 23.429 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN052180.D

Acq: 6 Nov 2018 9:54

Tgt Ion: 84 Resp: 82123

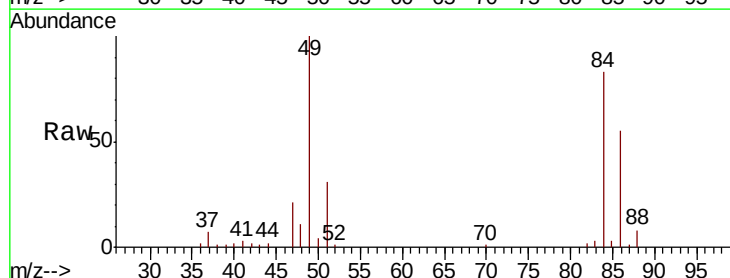
Ion Ratio Lower Upper

84 100

49 119.6 110.6 165.8

51 37.5 33.7 50.5

86 65.9 50.5 75.7



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

4.55

50000

40000

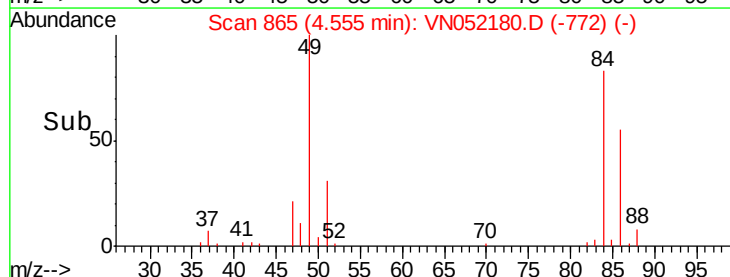
30000

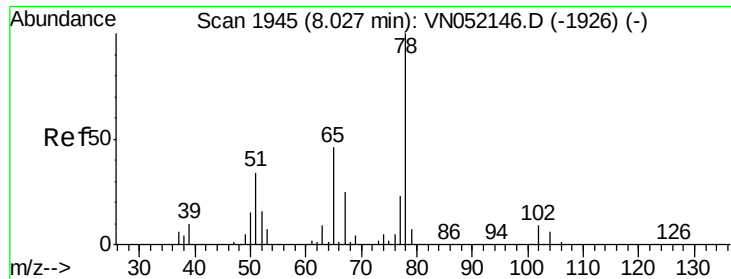
20000

10000

0

Time--> 4.50 4.55 4.60

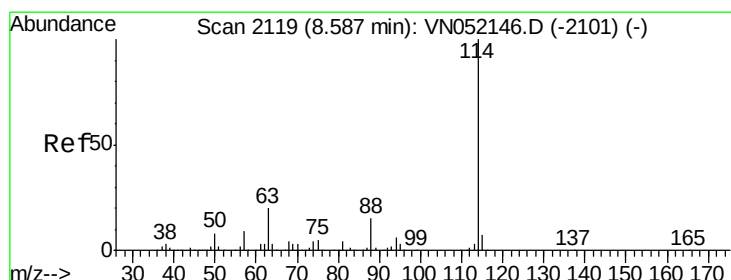
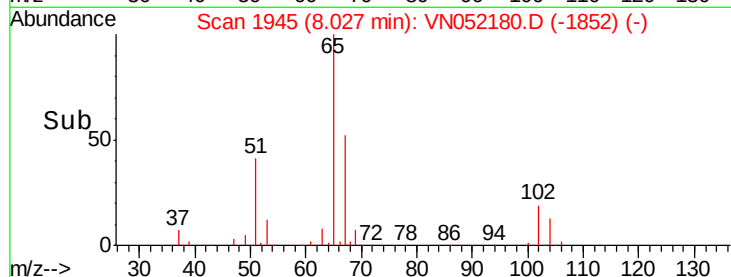
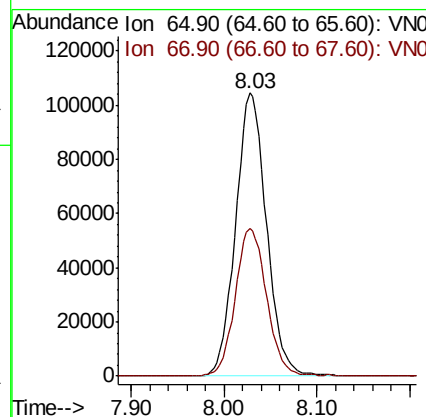
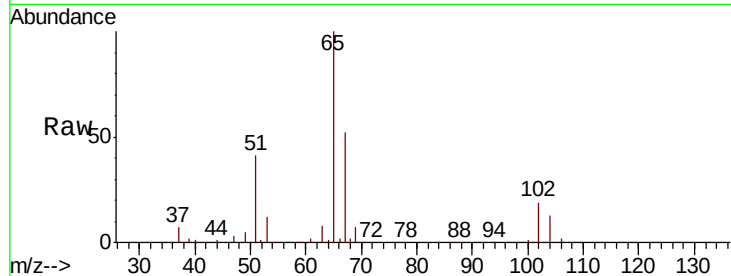




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052180.D
 Acq: 6 Nov 2018 9:54

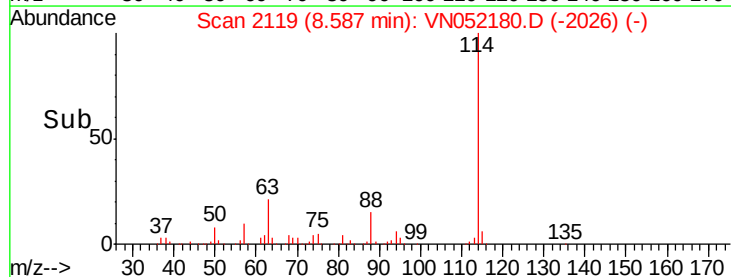
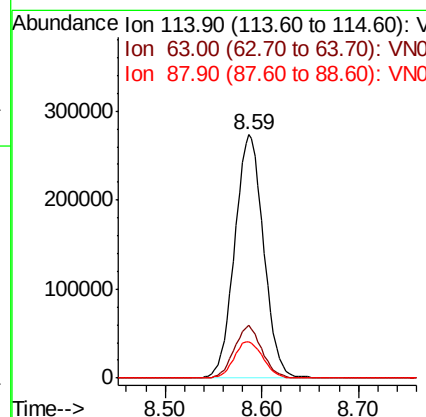
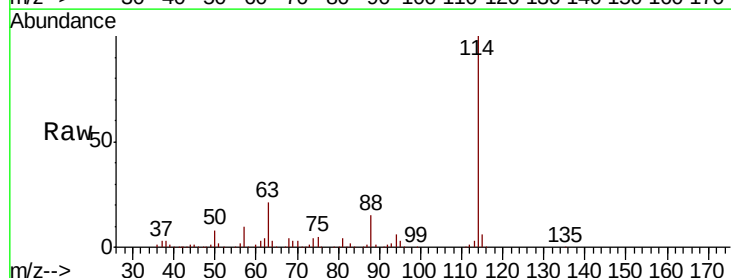
Instrument :
 MSVOA_N
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 COMP-SAMPLES(26-30)

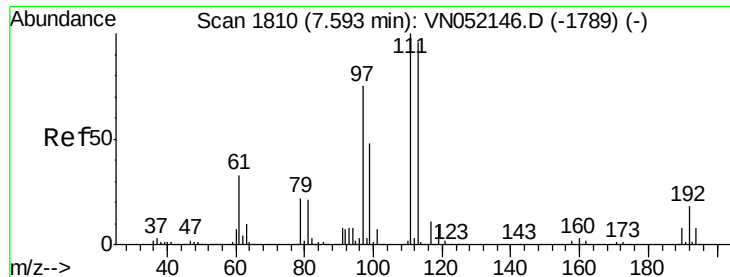
Tot Ion: 65 Resp: 241439
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052180.D
 Acq: 6 Nov 2018 9:54

Tgt Ion: 114 Resp: 566487
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 46.0
 88 15.1 0.0 35.4

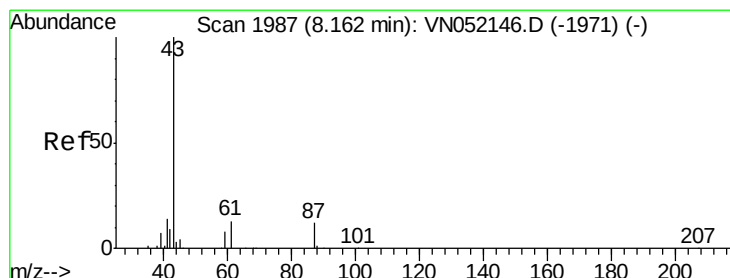
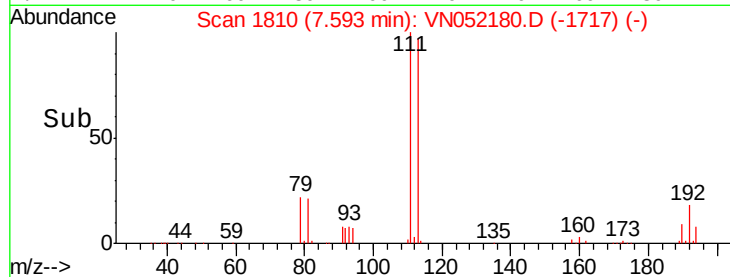
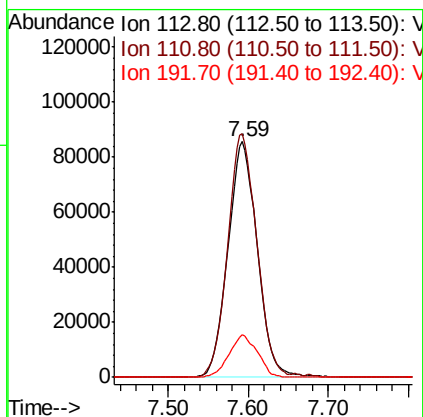
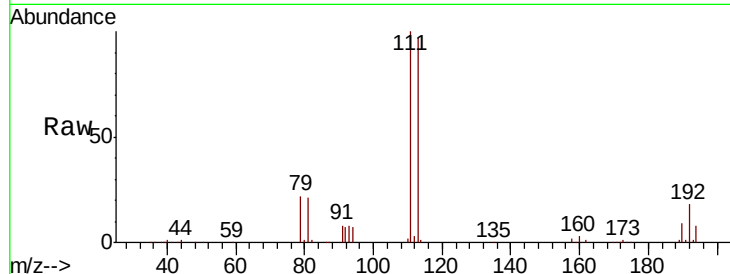




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052180.D
 Acq: 6 Nov 2018 9:54

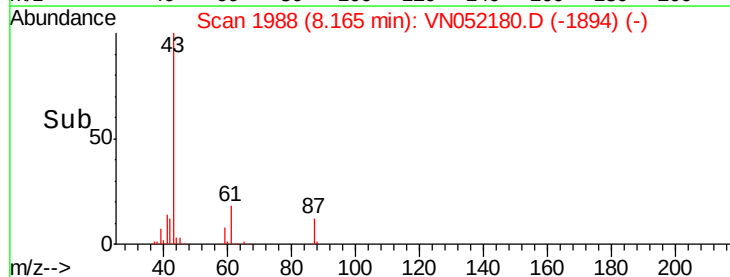
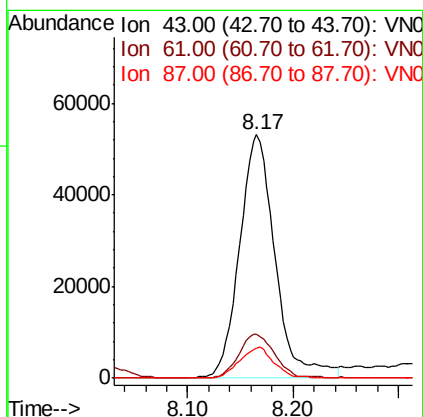
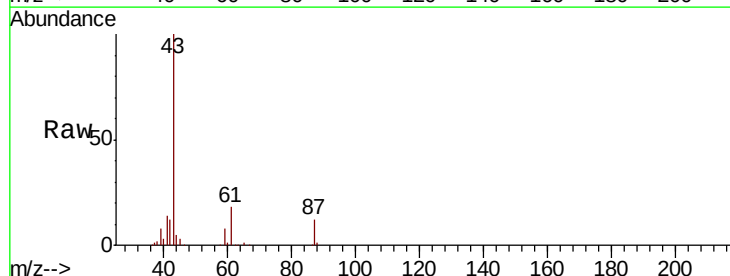
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-SAMPLES(26-30)

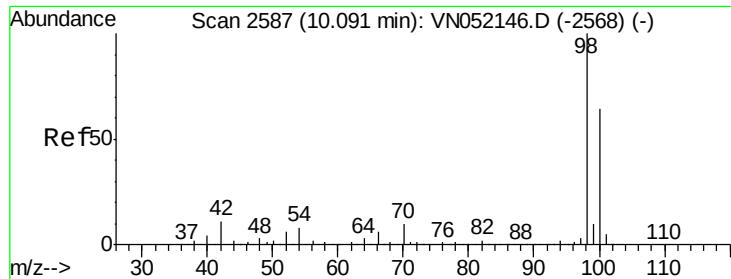
Tot Ion:113 Resp: 213864
 Ion Ratio Lower Upper
 113 100
 111 101.9 83.1 124.7
 192 17.5 12.7 19.1



#43
 Isopropyl Acetate
 Concen: 21.827 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN052180.D
 Acq: 6 Nov 2018 9:54

Tgt Ion: 43 Resp: 124808
 Ion Ratio Lower Upper
 43 100
 61 18.0 15.4 23.0
 87 12.0 9.8 14.8





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052180.D

Acq: 6 Nov 2018 9:54

Instrument :

MSVOA_N

ClientSampleId :

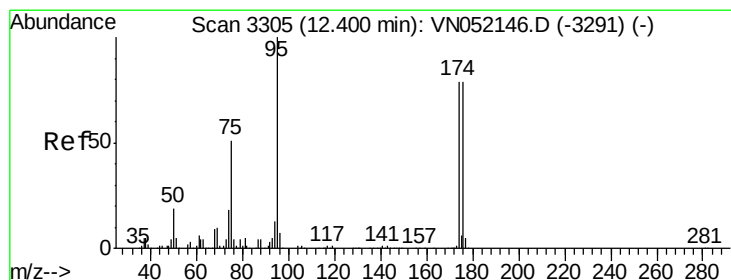
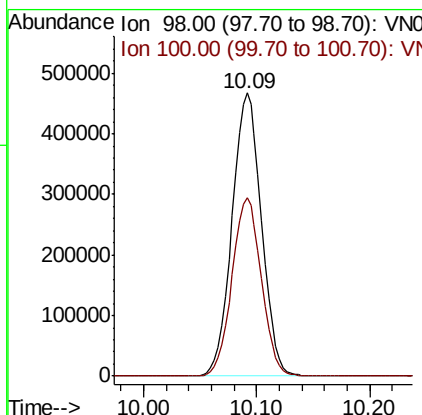
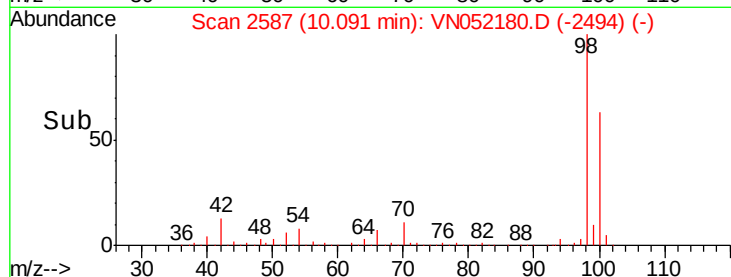
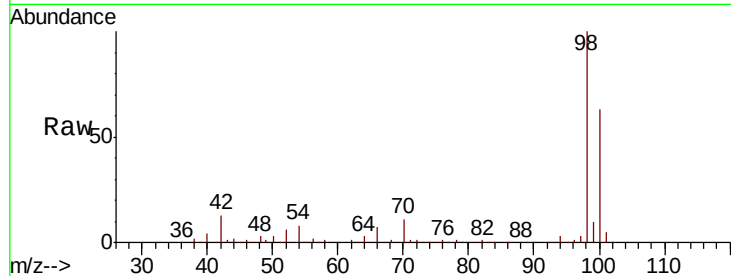
COMP-SAMPLES(26-30)

Tot Ion: 98 Resp: 844025

Ion Ratio Lower Upper

98 100

100 63.0 51.4 77.2



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052180.D

Acq: 6 Nov 2018 9:54

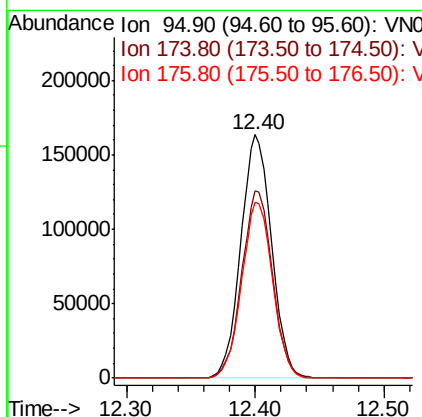
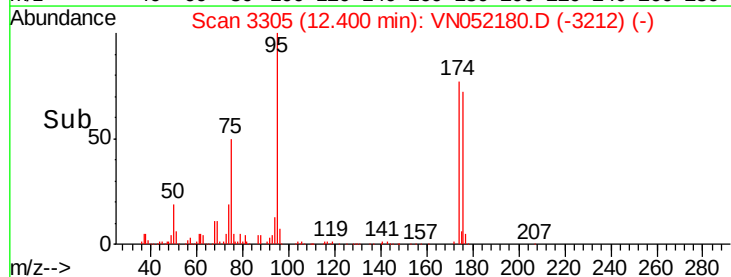
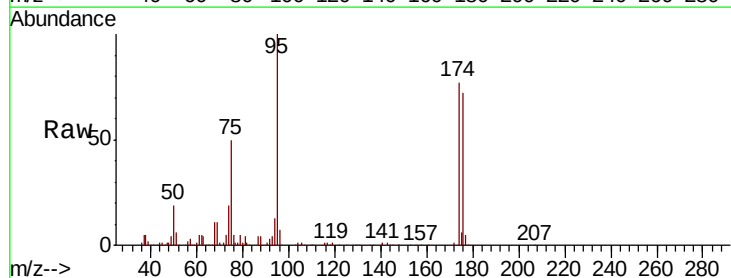
Tgt Ion: 95 Resp: 270906

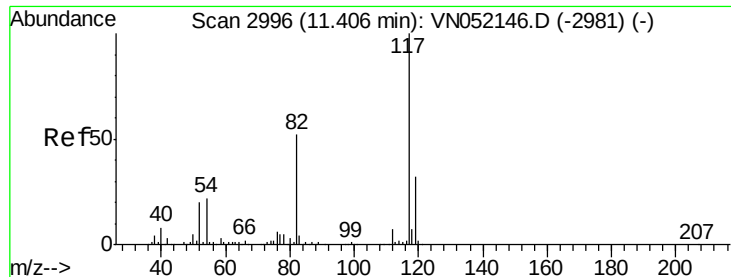
Ion Ratio Lower Upper

95 100

174 76.9 0.0 131.8

176 72.6 0.0 126.0

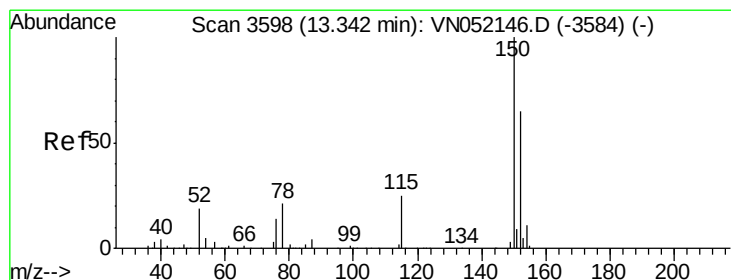
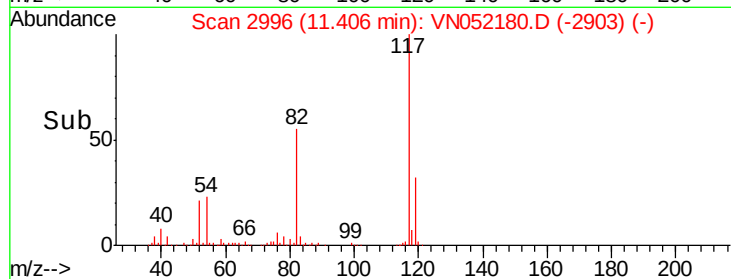
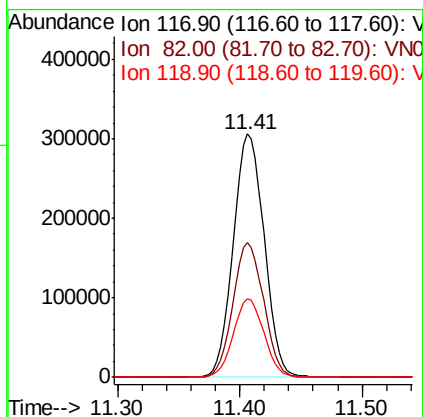
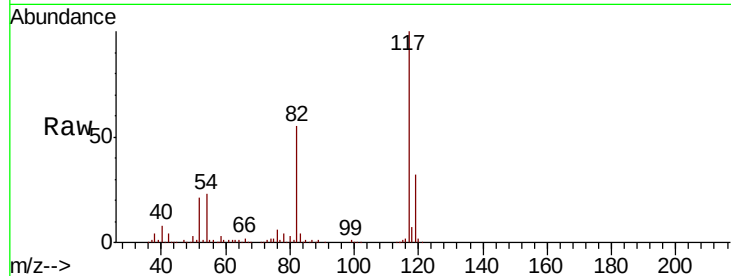




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLES(26-30)

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	49.9	74.9
119	32.4	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	31.6	95.0
150	159.6	0.0	345.0

