

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103118\
 Data File : VN052074.D
 Acq On : 31 Oct 2018 15:25
 Operator : MD\SY
 Sample : PB114328ZHE#04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114328ZHE#04

Quant Time: Nov 01 01:59:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 02:45:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	284892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	535497	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	512680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	215266	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	246220	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
35) Dibromofluoromethane	7.59	113	202145	60.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.68%	
50) Toluene-d8	10.09	98	807355	60.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.60%	
62) 4-Bromofluorobenzene	12.40	95	280605	57.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.18%	

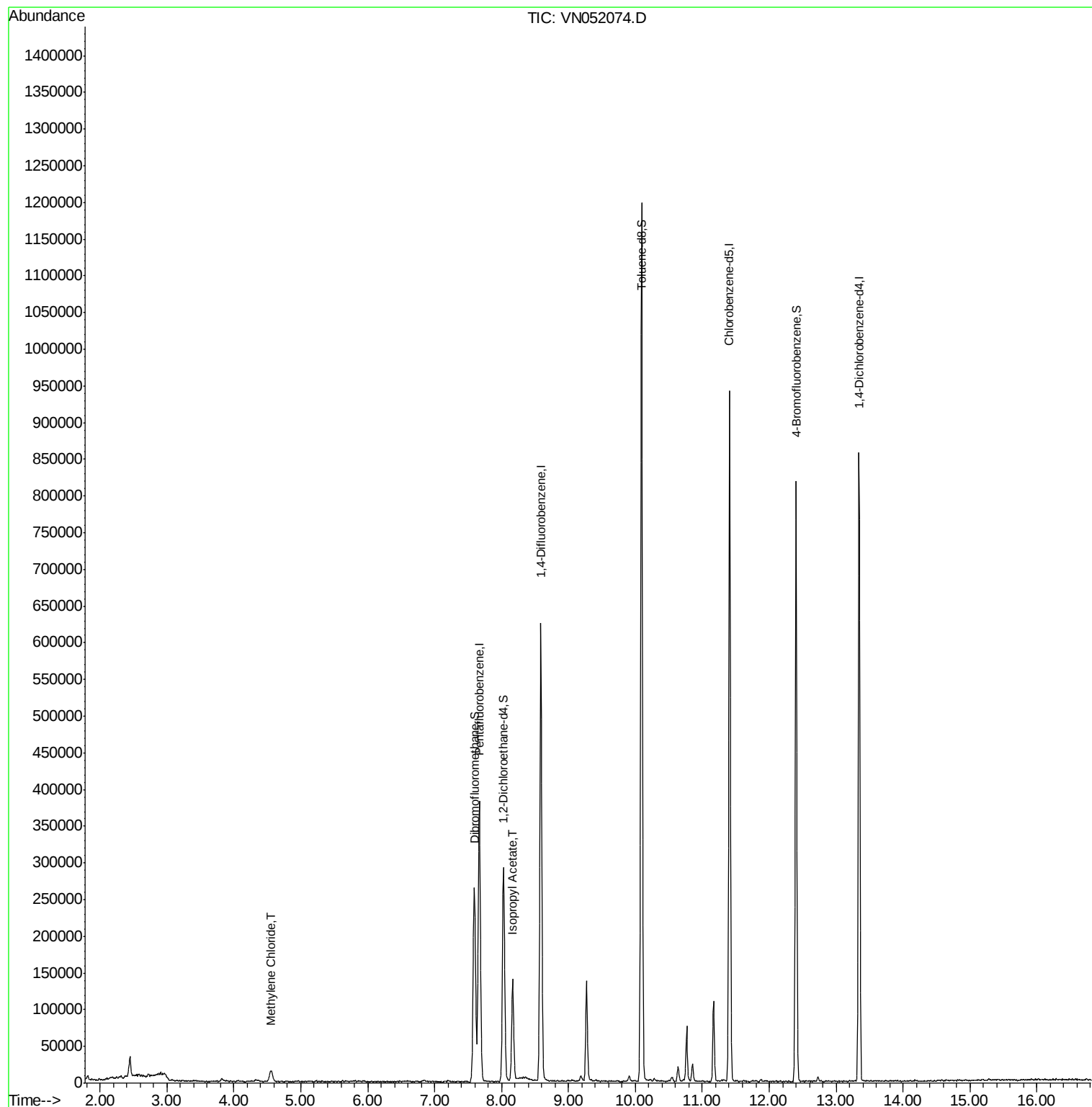
Target Compounds						Qvalue
20) Methylene Chloride	4.56	84	11225	3.02	ug/l	# 91
43) Isopropyl Acetate	8.17	43	166063	25.62	ug/l	99

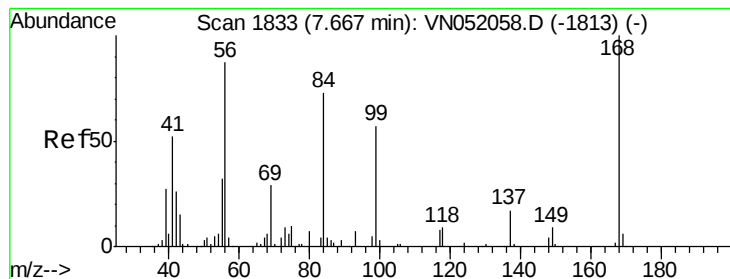
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052074.D

Acq: 31 Oct 2018 15:25

Instrument :

MSVOA_N

ClientSampleId :

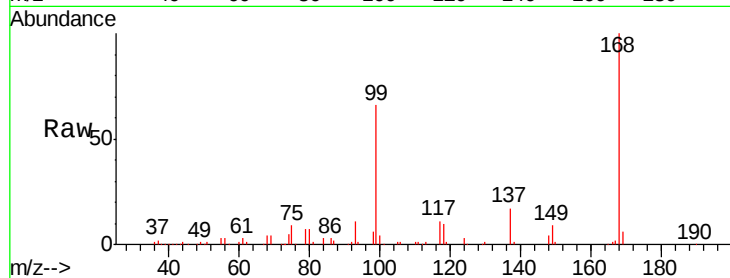
PB114328ZHE#04

Tgt Ion:168 Resp: 284892

Ion Ratio Lower Upper

168 100

99 66.1 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

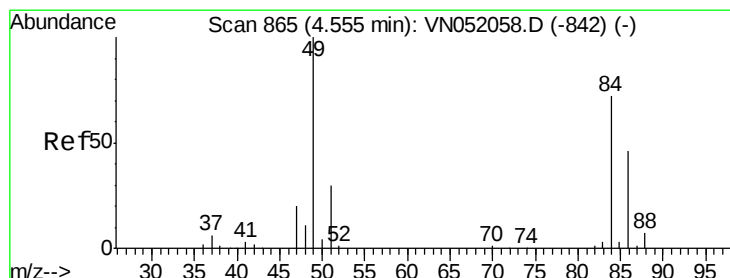
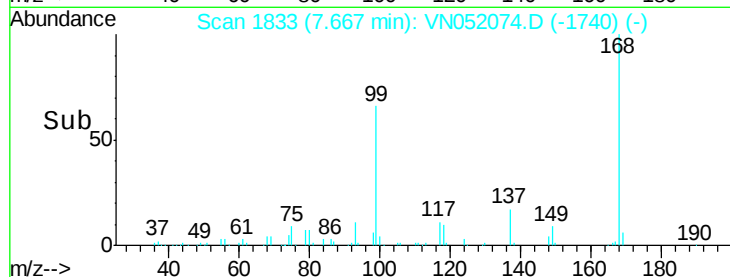
7.67

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 3.02 ug/l

RT: 4.56 min Scan# 867

Delta R.T. 0.01 min

Lab File: VN052074.D

Acq: 31 Oct 2018 15:25

Tgt Ion: 84 Resp: 11225

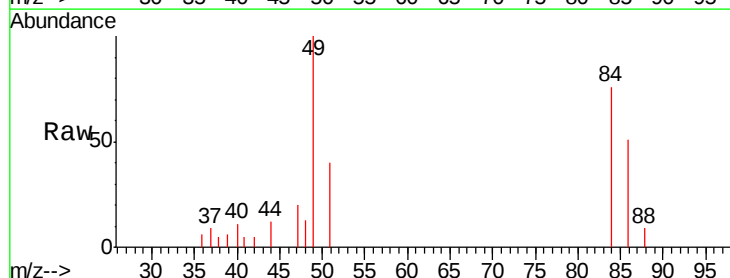
Ion Ratio Lower Upper

84 100

49 126.8 110.6 165.8

51 52.3 33.7 50.5#

86 67.1 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

4.56

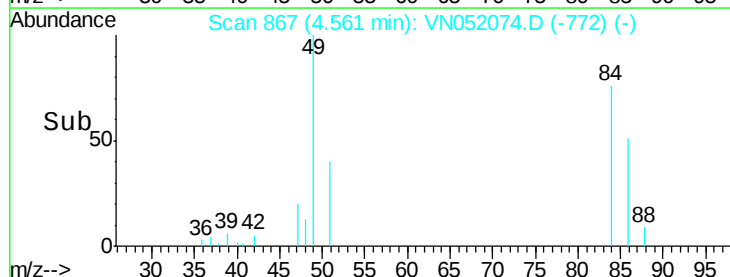
6000

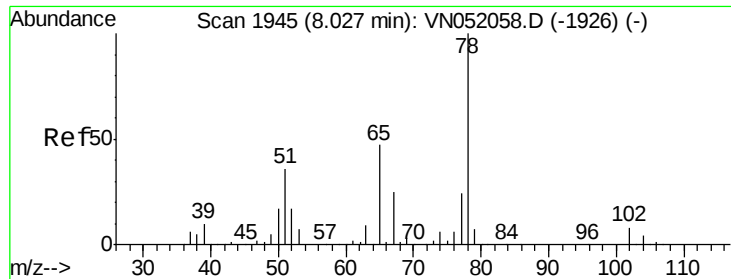
4000

2000

0

Time-->

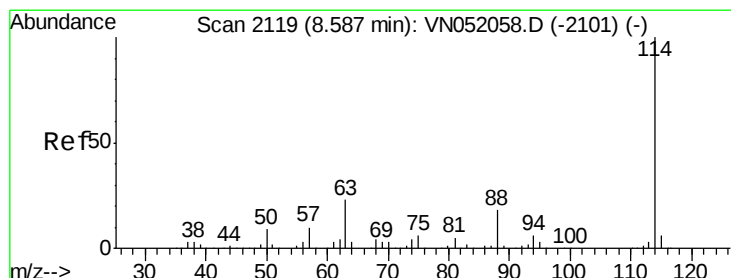
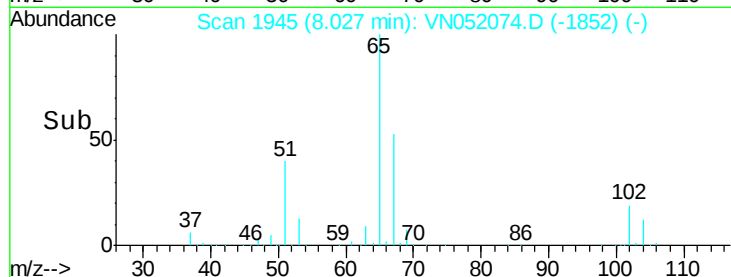
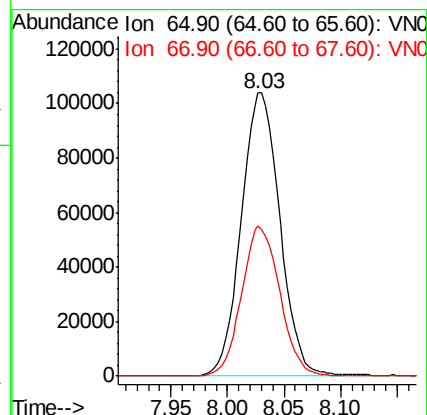
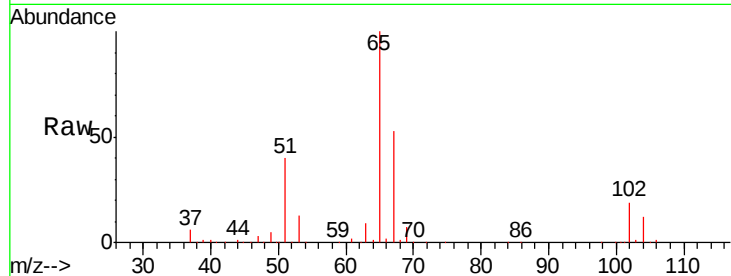




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052074.D
 Acq: 31 Oct 2018 15:25

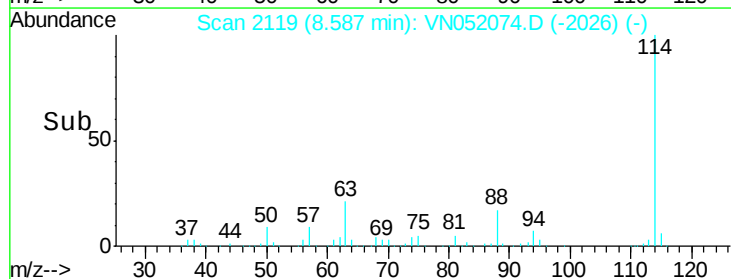
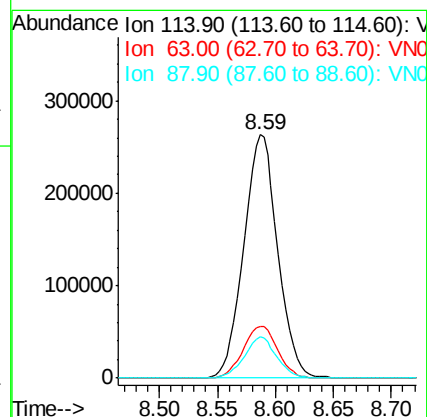
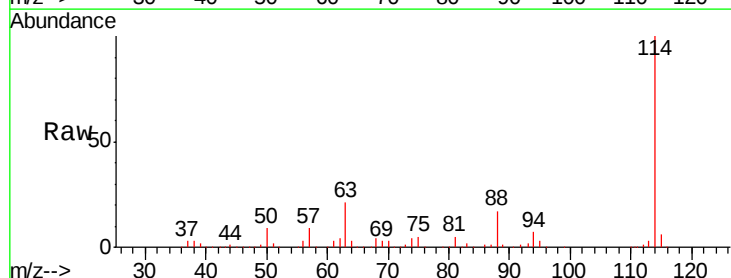
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114328ZHE#04

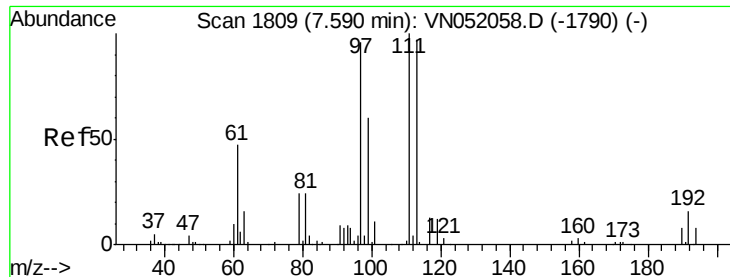
Tgt Ion: 65 Resp: 246220
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052074.D
 Acq: 31 Oct 2018 15:25

Tgt Ion: 114 Resp: 535497
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 46.0
 88 16.8 0.0 35.4

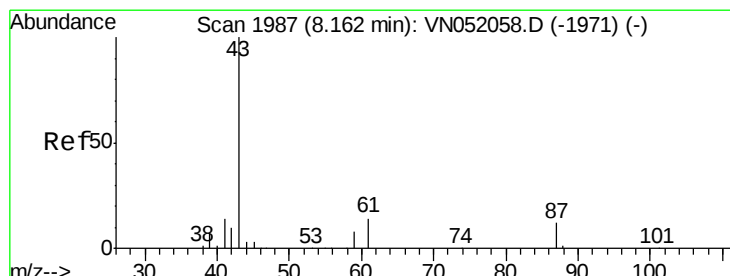
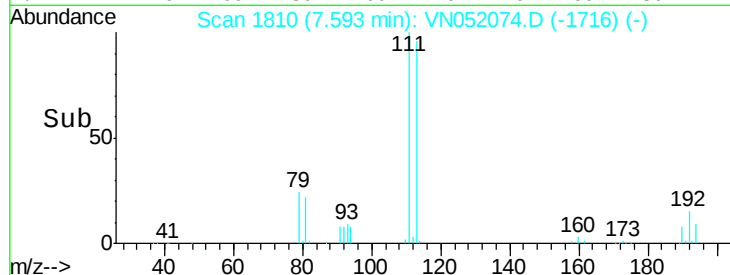
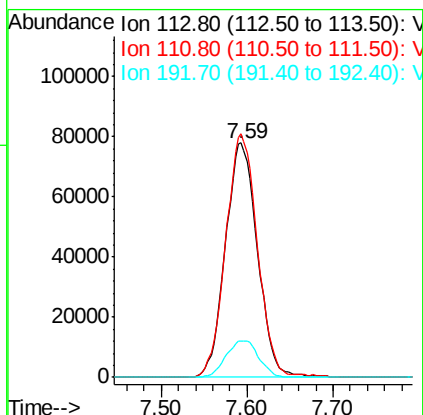
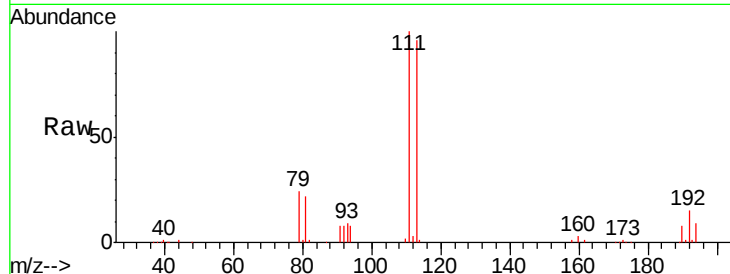




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052074.D
 Acq: 31 Oct 2018 15:25

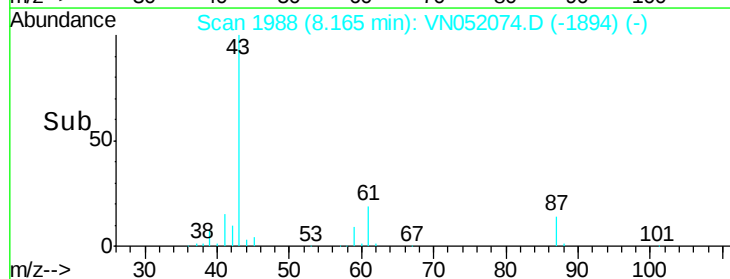
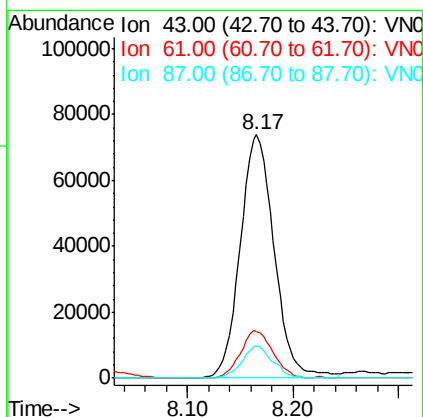
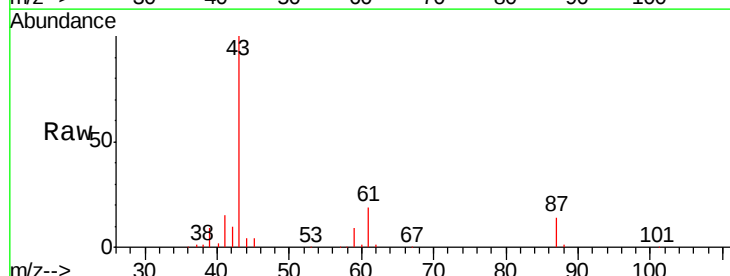
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114328ZHE#04

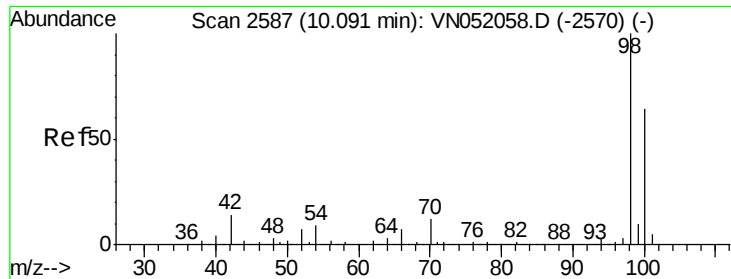
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.1	124.7
192	15.9	12.7	19.1



#43
 Isopropyl Acetate
 Concen: 25.62 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN052074.D
 Acq: 31 Oct 2018 15:25

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.6	15.4	23.0
87	12.0	9.8	14.8

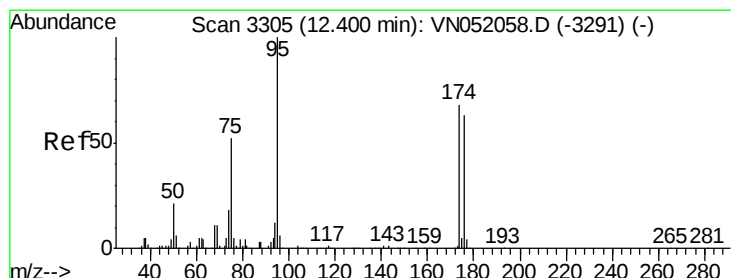
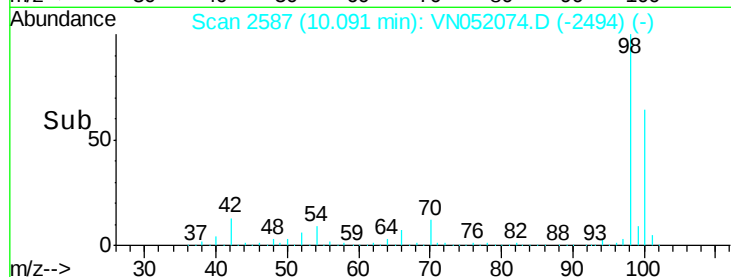
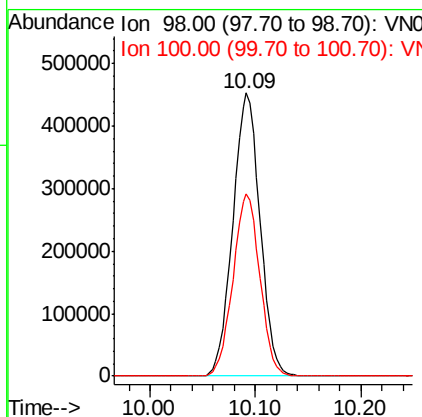
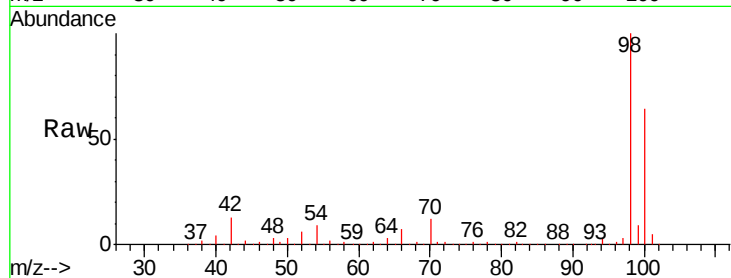




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052074.D
Acq: 31 Oct 2018 15:25

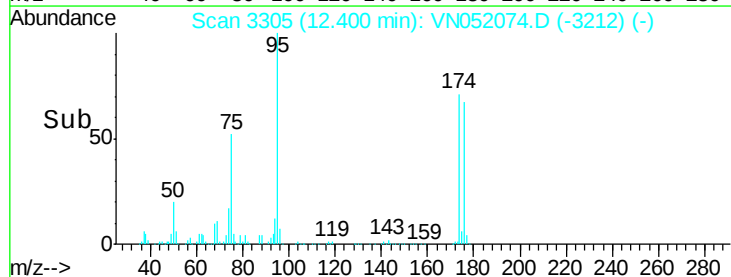
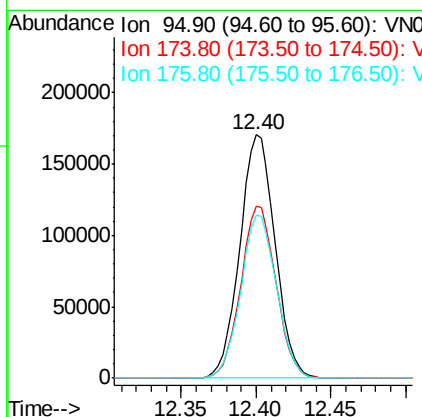
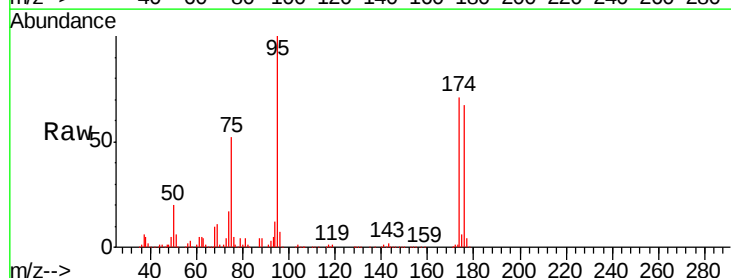
Instrument :
MSVOA_N
ClientSampleId :
PB114328ZHE#04

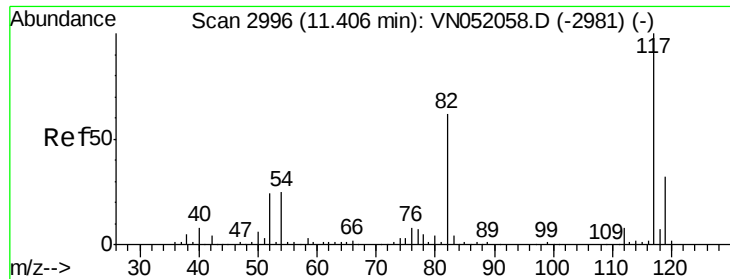
Tgt Ion: 98 Resp: 807355
Ion Ratio Lower Upper
98 100
100 63.5 51.4 77.2



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052074.D
Acq: 31 Oct 2018 15:25

Tgt Ion: 95 Resp: 280605
Ion Ratio Lower Upper
95 100
174 70.4 0.0 131.8
176 68.0 0.0 126.0

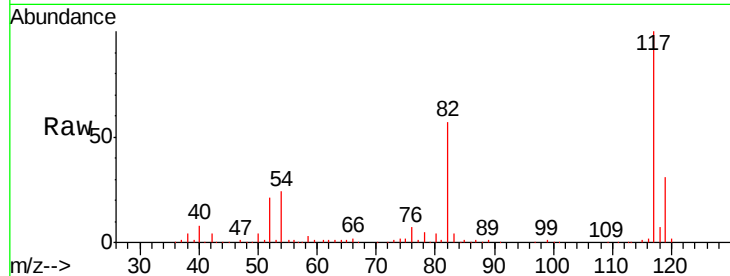




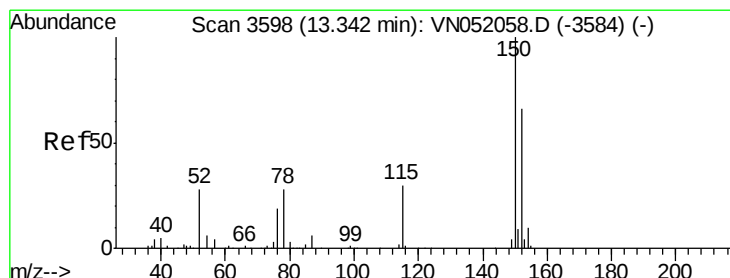
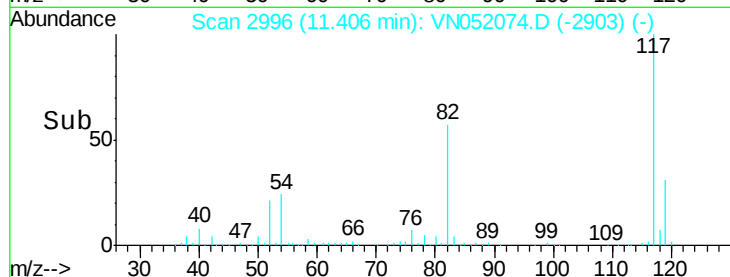
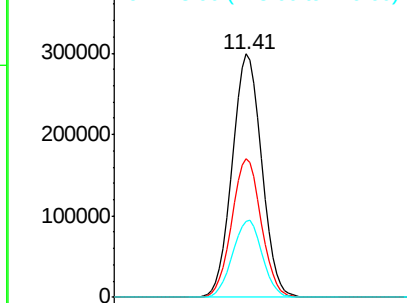
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052074.D
Acq: 31 Oct 2018 15:25

Instrument :
MSVOA_N
ClientSampleId :
PB114328ZHE#04

Tgt Ion:117 Resp: 512680
Ion Ratio Lower Upper
117 100
82 57.1 49.9 74.9
119 31.3 25.7 38.5

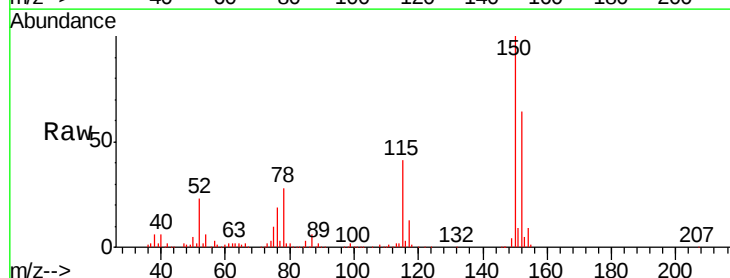


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052074.D
Acq: 31 Oct 2018 15:25

Tgt Ion:152 Resp: 215266
Ion Ratio Lower Upper
152 100
115 62.1 31.6 95.0
150 156.2 0.0 345.0



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

