

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070819\
 Data File : VN056613.D
 Acq On : 8 Jul 2019 16:41
 Operator : JC/SP
 Sample : K3624-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-01-070319-C

Quant Time: Jul 09 04:34:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

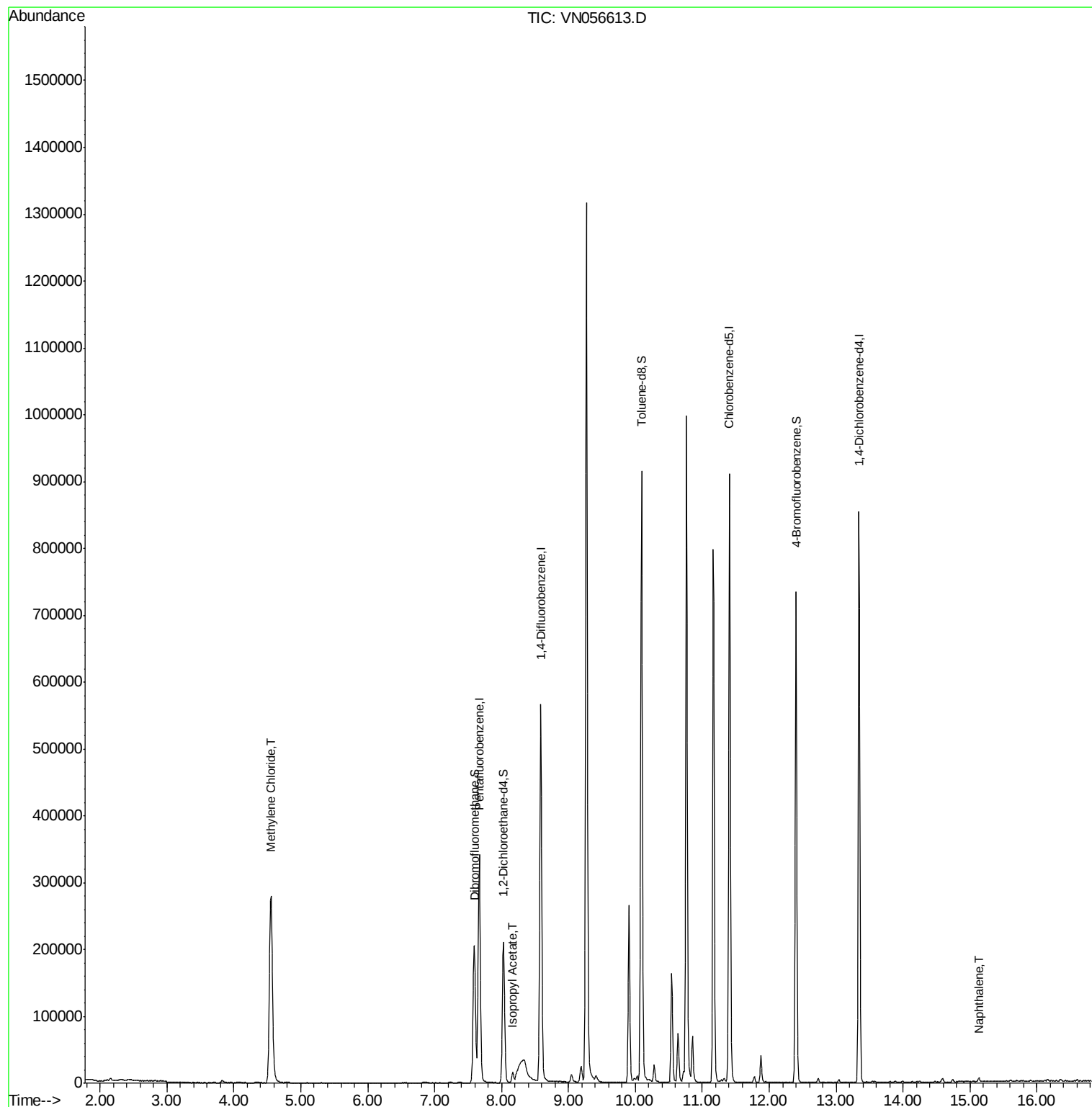
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	300836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	533313	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	565591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	239090	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	178150	53.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.86%	
35) Dibromofluoromethane	7.59	113	160836	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
50) Toluene-d8	10.09	98	675283	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
62) 4-Bromofluorobenzene	12.40	95	257541	59.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.36%	
Target Compounds						
20) Methylene Chloride	4.55	84	227121	72.524	ug/l	99
43) Isopropyl Acetate	8.17	43	17596	2.474	ug/l #	93
95) Naphthalene	15.13	128	6069	5.741	ug/l #	94

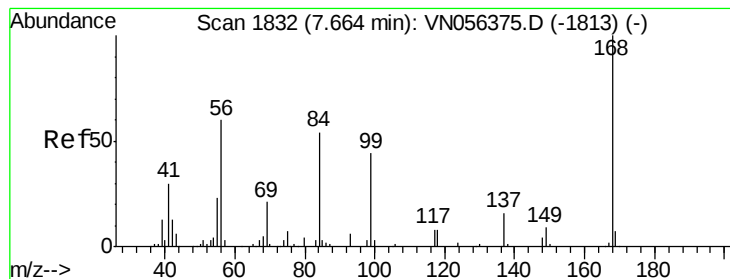
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056613.D

Acq: 8 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

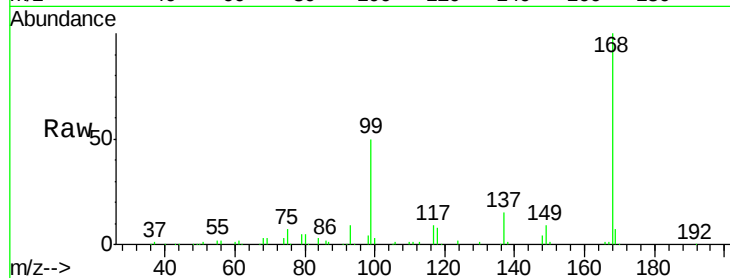
PL-01-070319-C

Tot Ion:168 Resp: 300836

Ion Ratio Lower Upper

168 100

99 50.3 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

150000

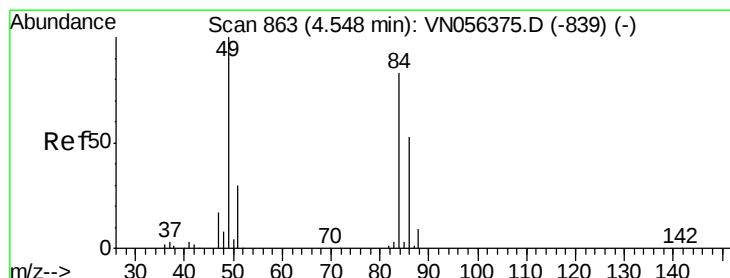
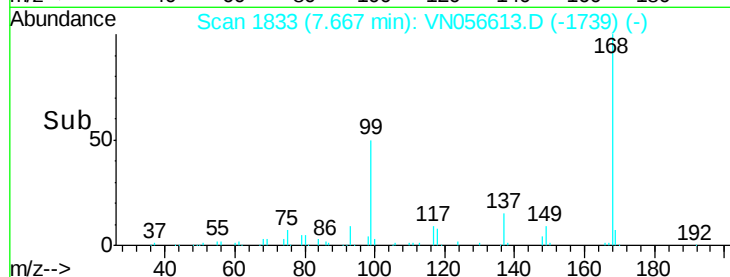
100000

50000

0

Time-->

7.60 7.70 7.80



#20

Methylene Chloride

Concen: 72.524 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.01 min

Lab File: VN056613.D

Acq: 8 Jul 2019 16:41

Tgt Ion: 84 Resp: 227121

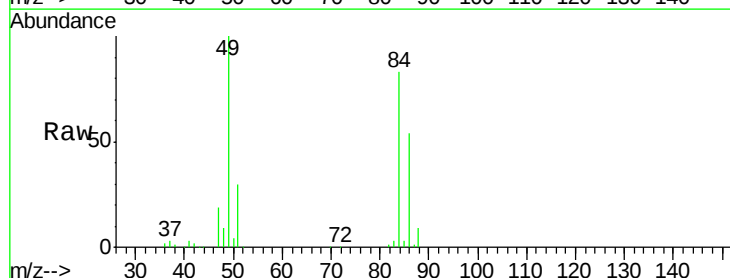
Ion Ratio Lower Upper

84 100

49 121.1 96.4 144.6

51 36.1 28.6 43.0

86 65.5 51.4 77.2



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

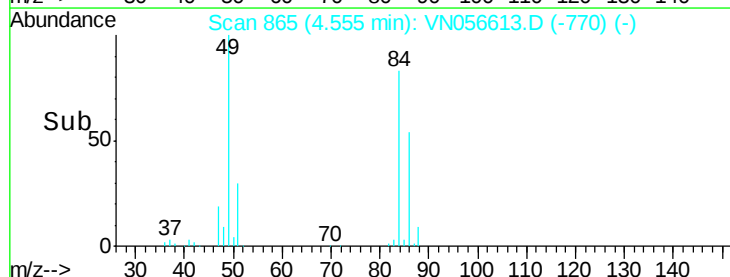
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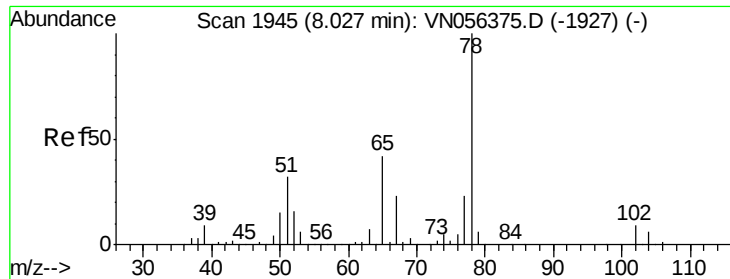
50000

0

Time-->

4.40 4.50 4.60 4.70

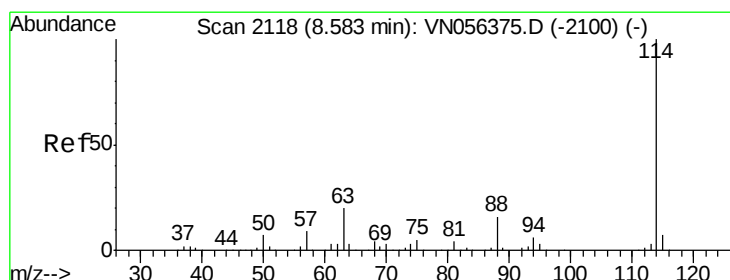
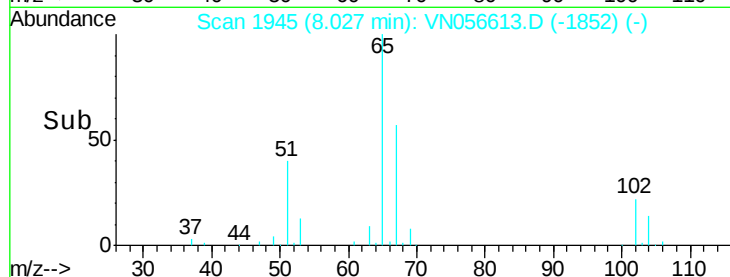
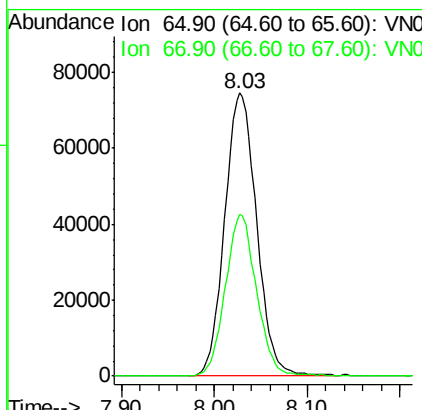
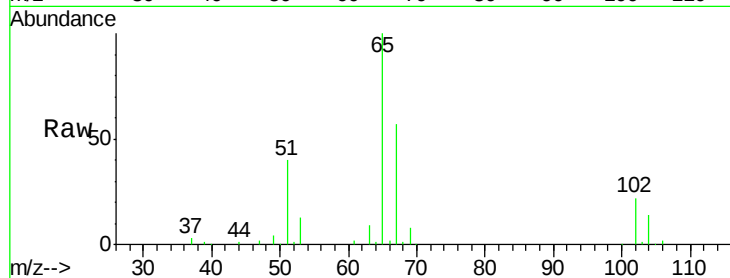




#33
 1,2-Dichloroethane-d4
 Concen: 53.431 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056613.D
 Acq: 8 Jul 2019 16:41

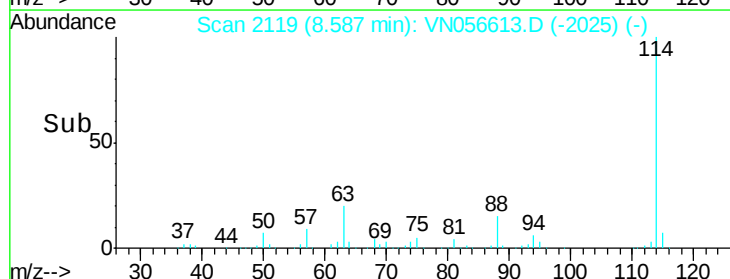
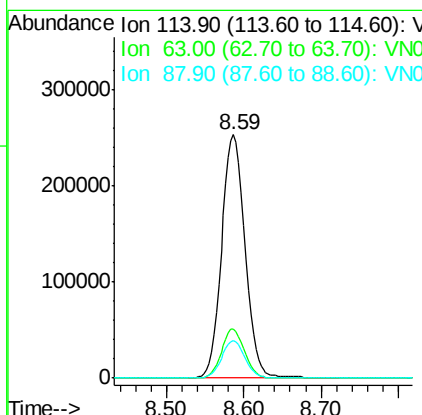
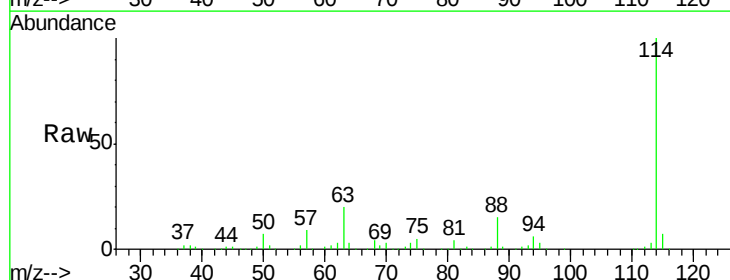
Instrument :
 MSVOA_N
 ClientSampleId :
 PL-01-070319-C

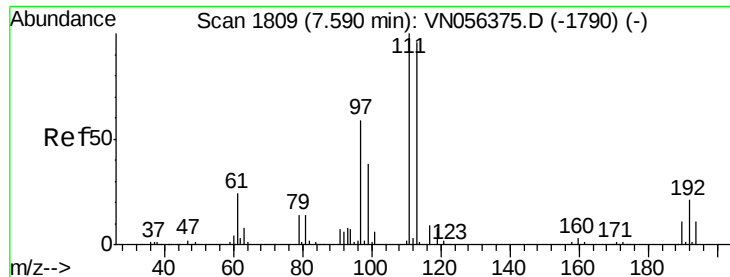
Tot Ion: 65 Resp: 178150
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056613.D
 Acq: 8 Jul 2019 16:41

Tgt Ion: 114 Resp: 533313
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.2
 88 15.4 0.0 31.4

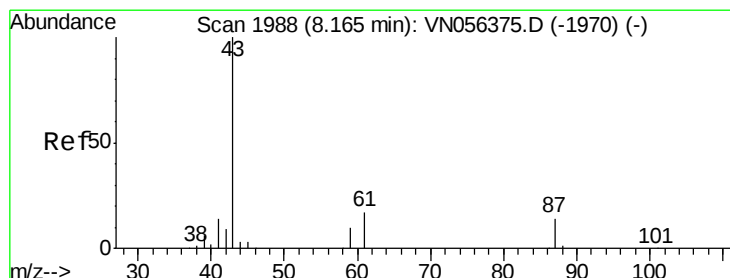
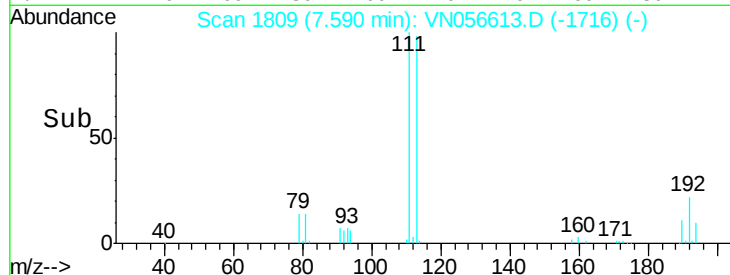
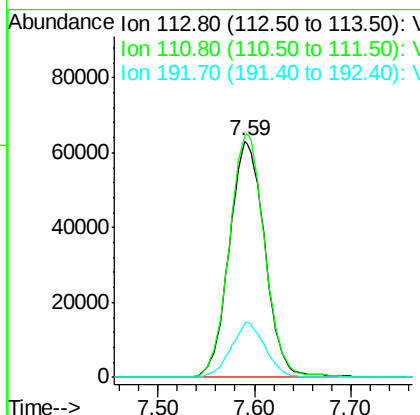
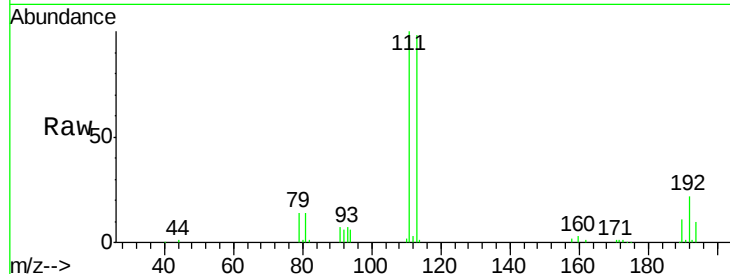




#35
 Dibromofluoromethane
 Concen: 48.343 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056613.D
 Acq: 8 Jul 2019 16:41

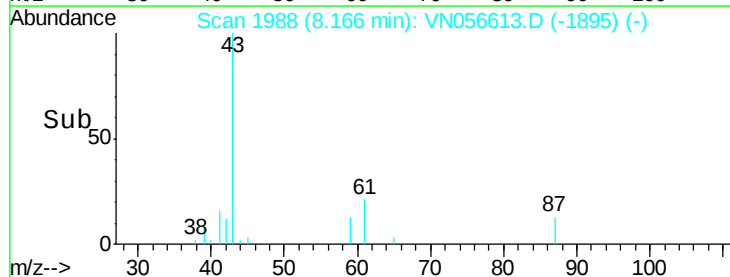
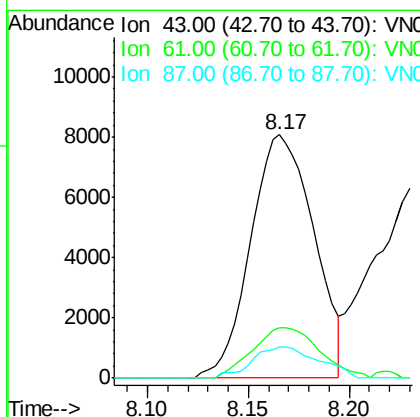
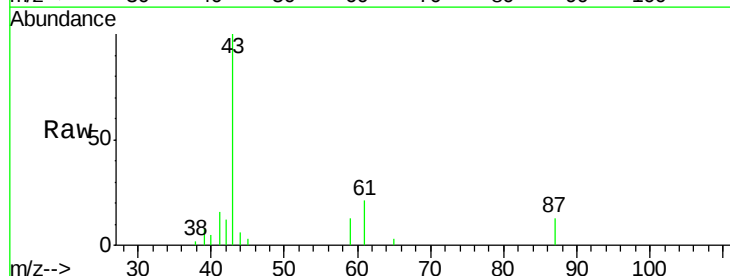
Instrument :
 MSVOA_N
 ClientSampleId :
 PL-01-070319-C

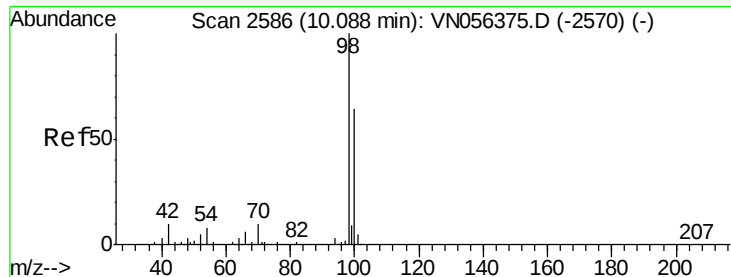
Tot Ion:113 Resp: 160836
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.9 124.3
 192 22.3 17.7 26.5



#43
 Isopropyl Acetate
 Concen: 2.474 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN056613.D
 Acq: 8 Jul 2019 16:41

Tgt Ion: 43 Resp: 17596
 Ion Ratio Lower Upper
 43 100
 61 21.8 22.0 33.0#
 87 13.4 11.0 16.4





#50

Toluene-d8

Concen: 52.163 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056613.D

Acq: 8 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

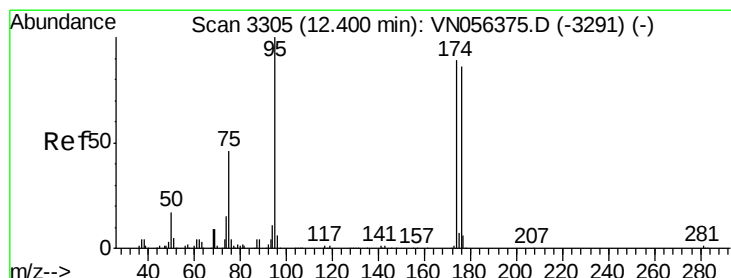
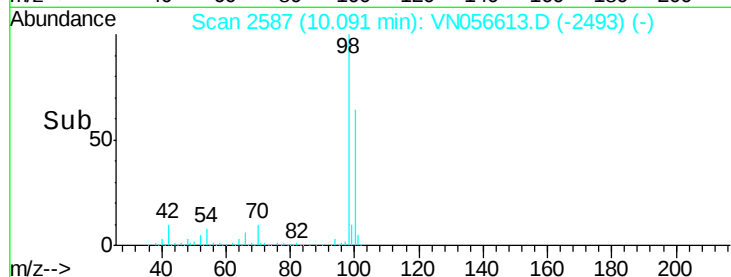
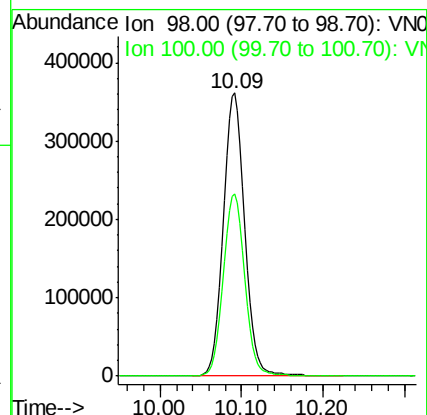
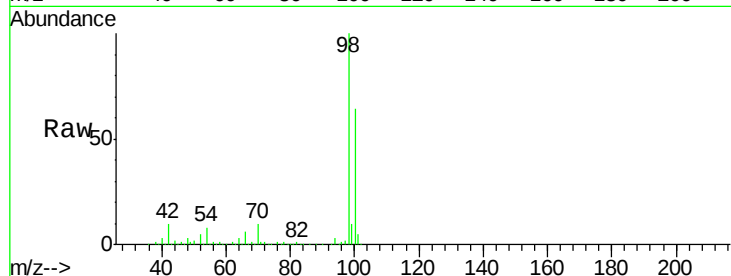
PL-01-070319-C

Tot Ion: 98 Resp: 675283

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 59.678 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056613.D

Acq: 8 Jul 2019 16:41

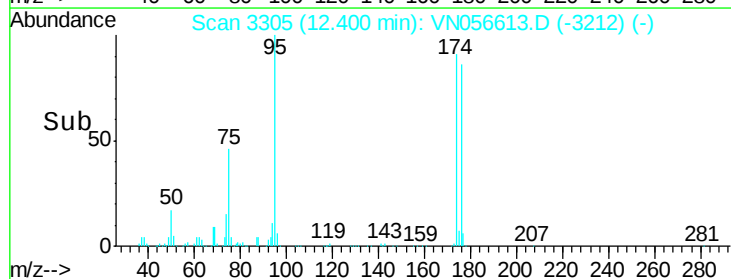
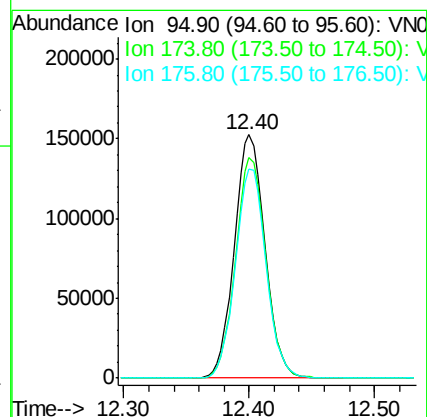
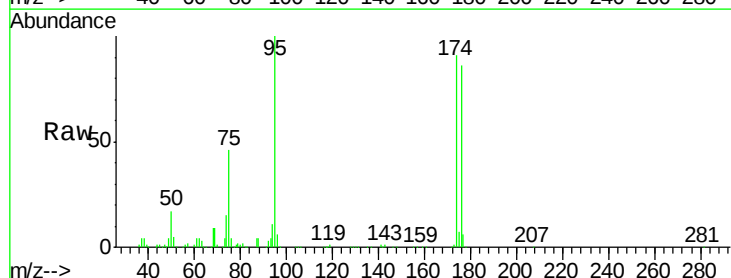
Tgt Ion: 95 Resp: 257541

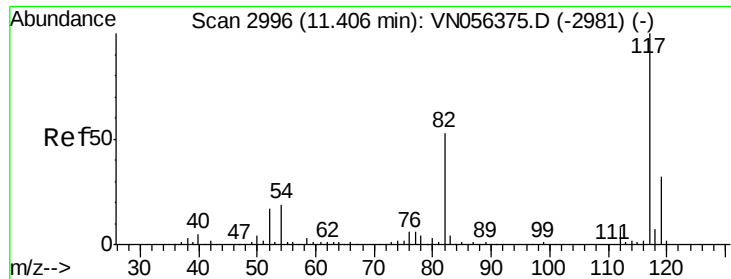
Ion Ratio Lower Upper

95 100

174 90.2 0.0 179.4

176 86.4 0.0 173.4

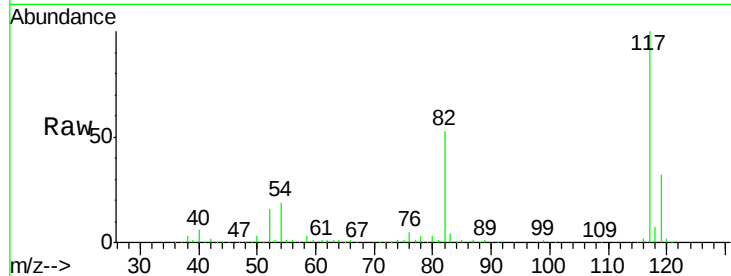




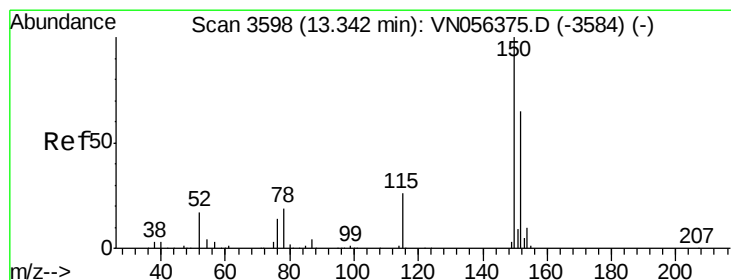
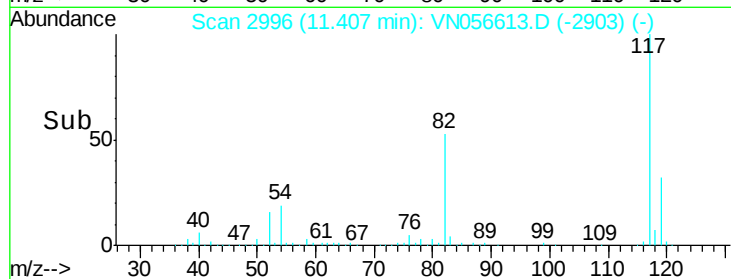
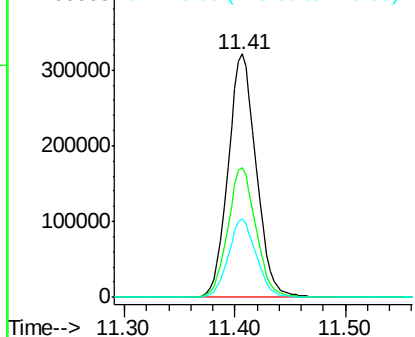
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056613.D
Acq: 8 Jul 2019 16:41

Instrument :
MSVOA_N
ClientSampleId :
PL-01-070319-C

Tot Ion:117 Resp: 565591
Ion Ratio Lower Upper
117 100
82 53.4 42.0 63.0
119 32.1 25.3 37.9

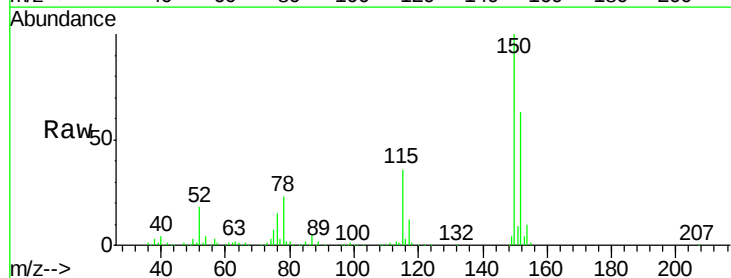


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

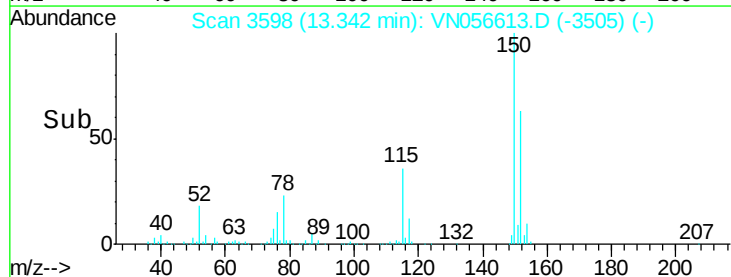
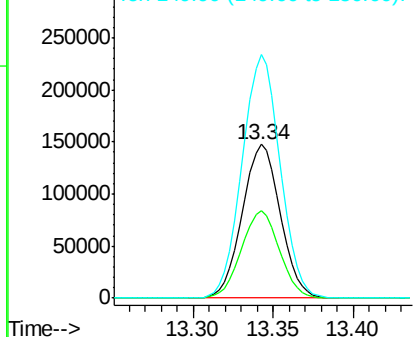


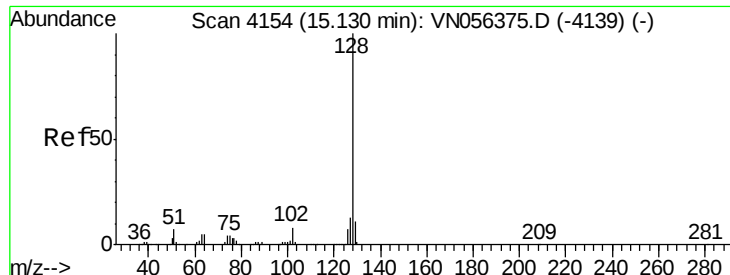
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056613.D
Acq: 8 Jul 2019 16:41

Tgt Ion:152 Resp: 239090
Ion Ratio Lower Upper
152 100
115 56.9 28.1 84.4
150 158.2 0.0 348.4



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





#95

Naphthalene

Concen: 5.741 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056613.D

Acq: 8 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

PL-01-070319-C

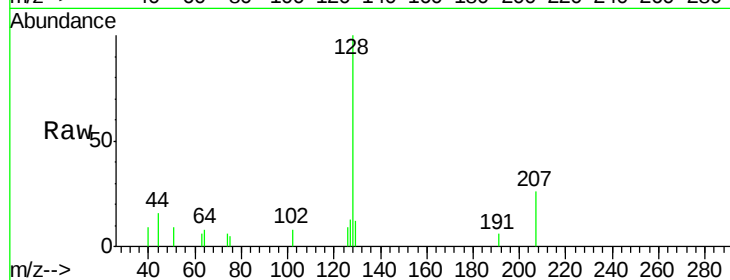
Tot Ion:128 Resp: 6069

Ion Ratio Lower Upper

128 100

127 9.2 10.2 15.2#

129 9.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

