

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070819\
 Data File : VN056612.D
 Acq On : 8 Jul 2019 16:18
 Operator : JC/SP
 Sample : K3624-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jul 09 04:24:59 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

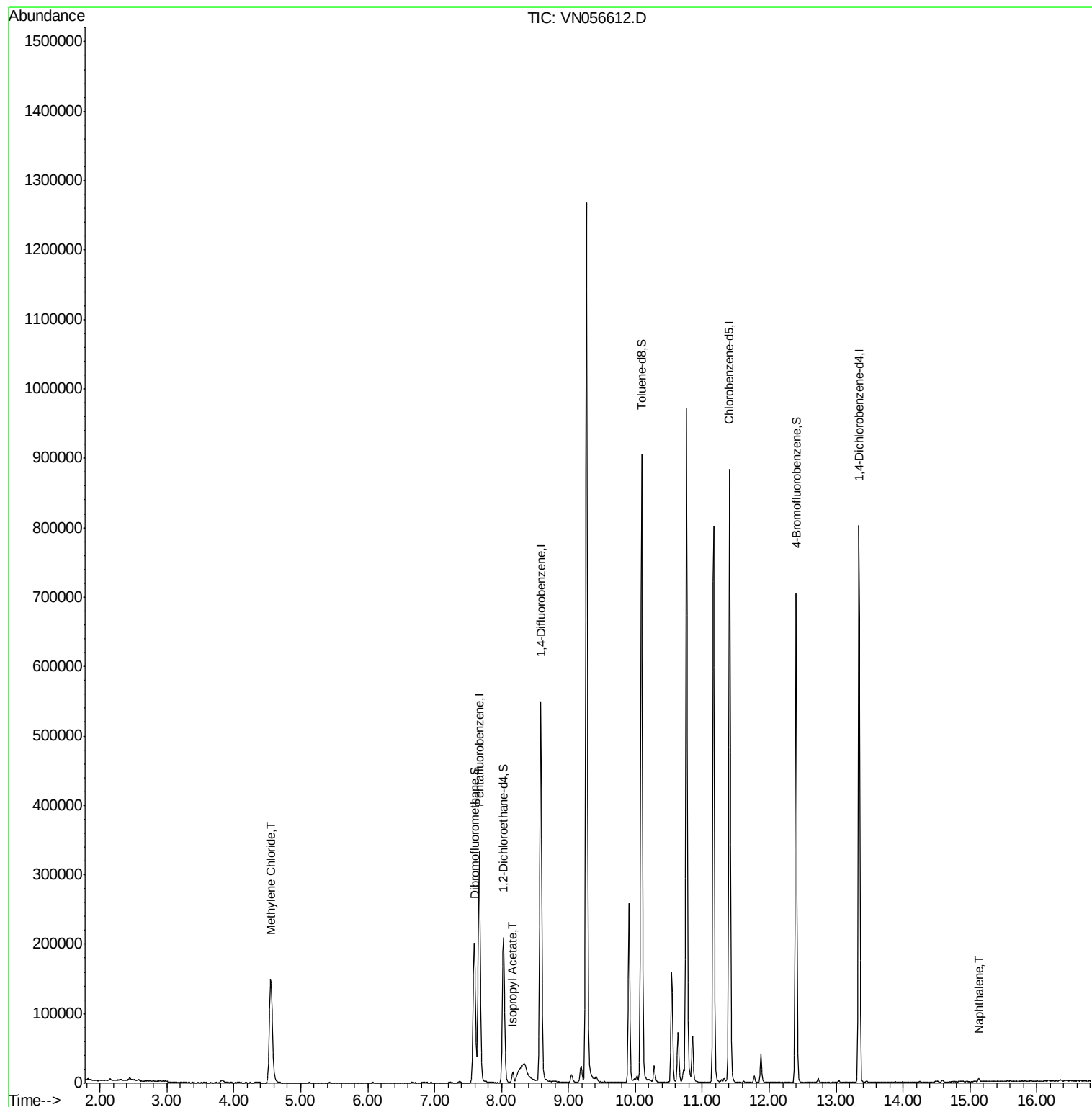
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	299165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	524538	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	549312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	228177	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	178102	53.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.44%	
35) Dibromofluoromethane	7.59	113	155847	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
50) Toluene-d8	10.09	98	661471	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
62) 4-Bromofluorobenzene	12.40	95	247731	58.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.74%	
Target Compounds						
20) Methylene Chloride	4.55	84	121762	38.680	ug/l	97
43) Isopropyl Acetate	8.17	43	17847	2.551	ug/l #	90
95) Naphthalene	15.13	128	5389	5.707	ug/l	95

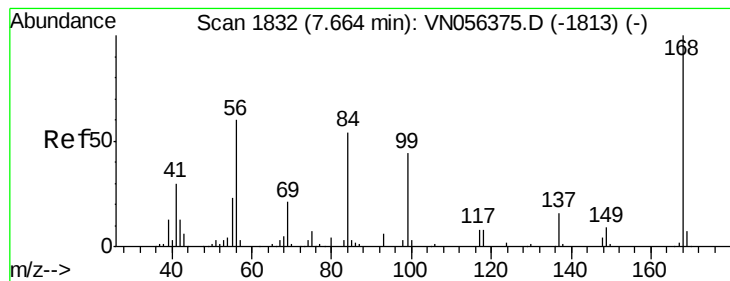
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056612.D

Acq: 8 Jul 2019 16:18

Instrument :

MSVOA_N

ClientSampleId :

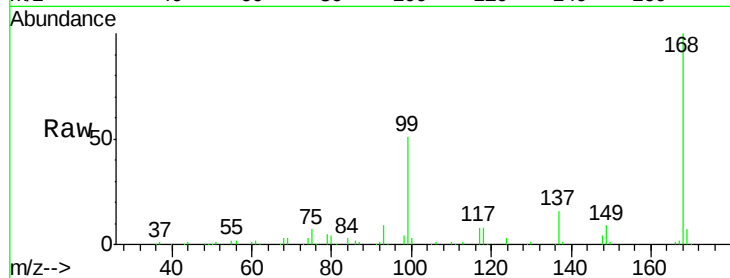
PL-01-070319-D

Tot Ion:168 Resp: 299165

Ion Ratio Lower Upper

168 100

99 50.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

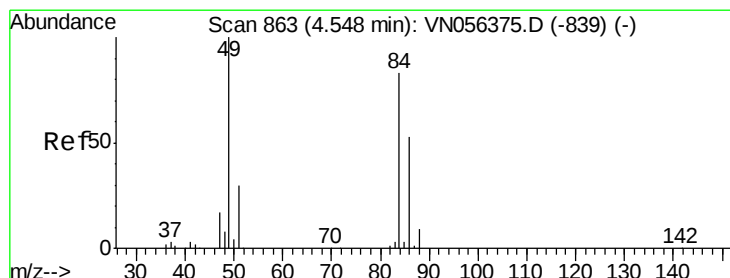
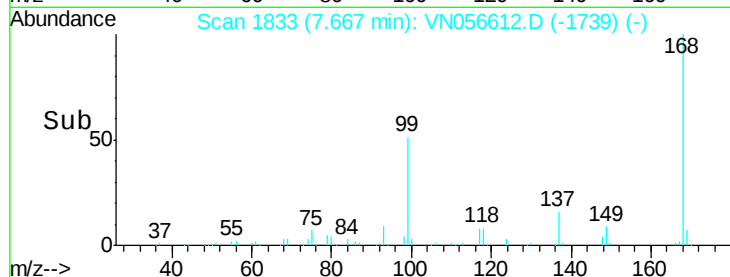
7.67

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 38.680 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN056612.D

Acq: 8 Jul 2019 16:18

Tgt Ion: 84 Resp: 121762

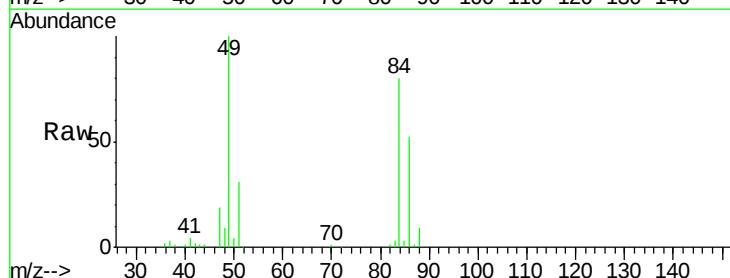
Ion Ratio Lower Upper

84 100

49 124.5 96.4 144.6

51 38.6 28.6 43.0

86 65.2 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

4.55

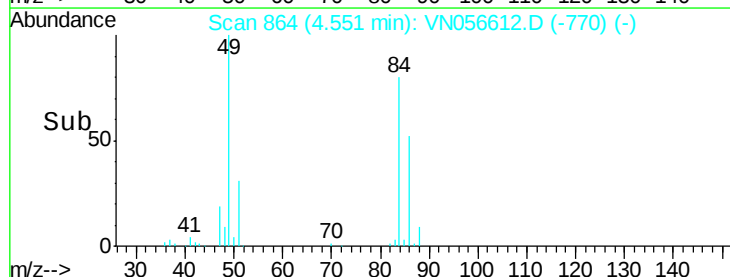
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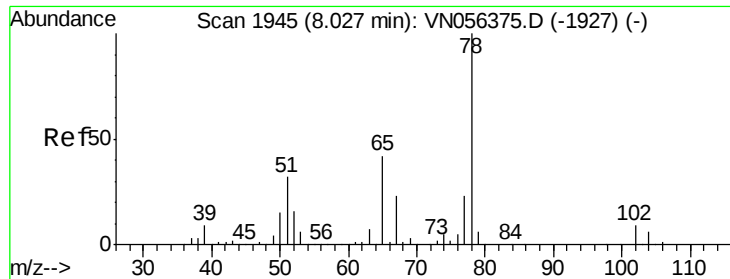
40000

20000

0

Time-->

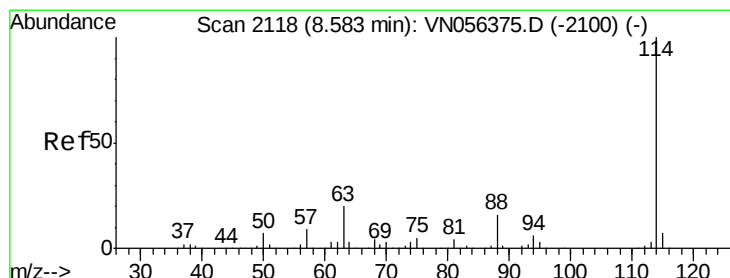
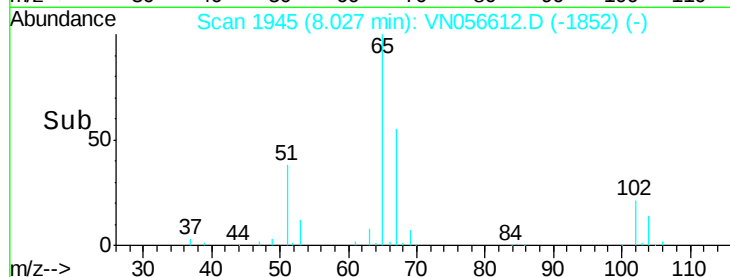
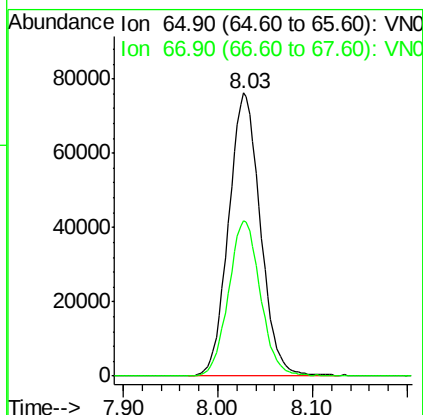
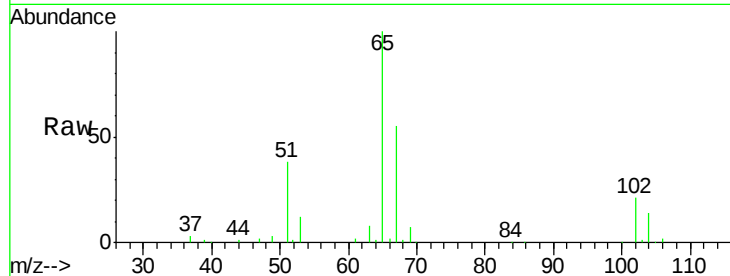




#33
 1,2-Dichloroethane-d4
 Concen: 53.715 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056612.D
 Acq: 8 Jul 2019 16:18

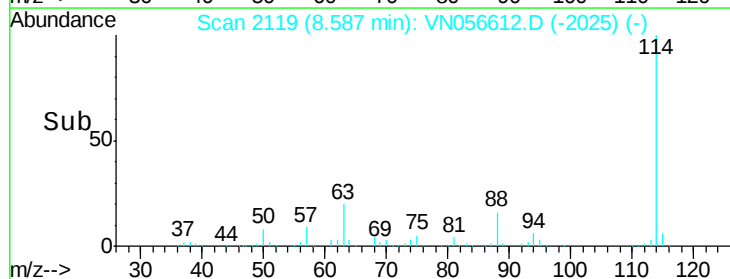
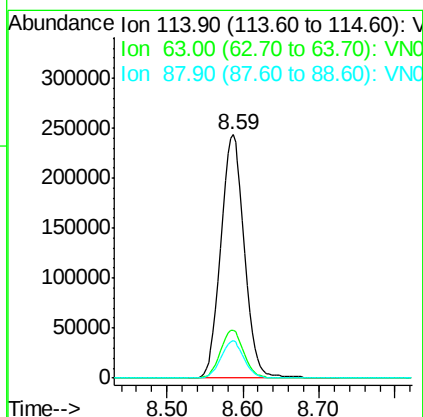
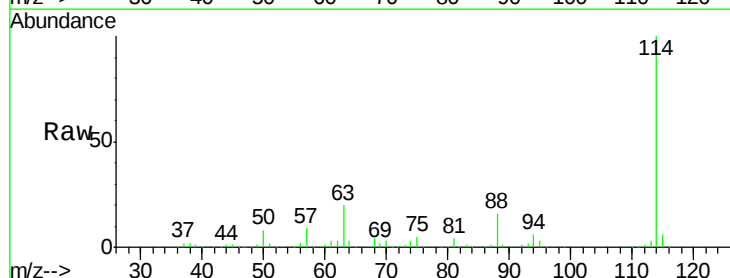
Instrument :
 MSVOA_N
 ClientSampleId :
 PL-01-070319-D

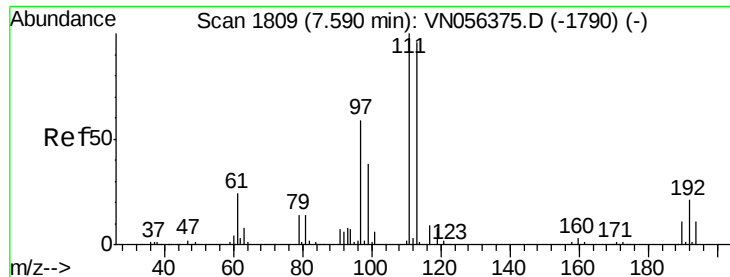
Tot Ion: 65 Resp: 178102
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056612.D
 Acq: 8 Jul 2019 16:18

Tgt Ion: 114 Resp: 524538
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.2
 88 15.5 0.0 31.4

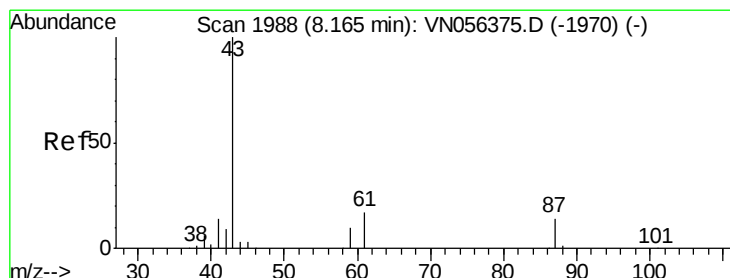
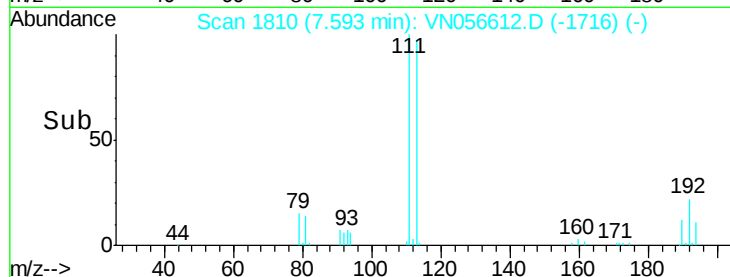
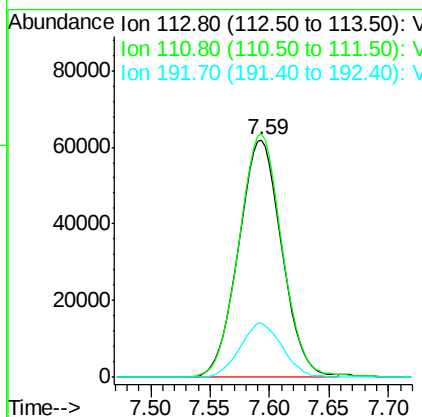
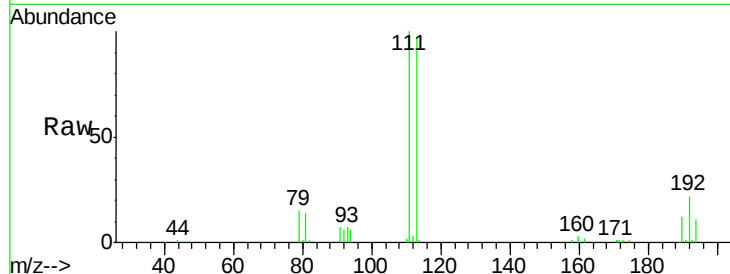




#35
 Dibromofluoromethane
 Concen: 47.627 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056612.D
 Acq: 8 Jul 2019 16:18

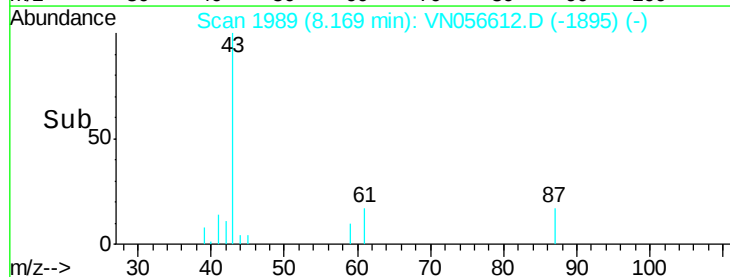
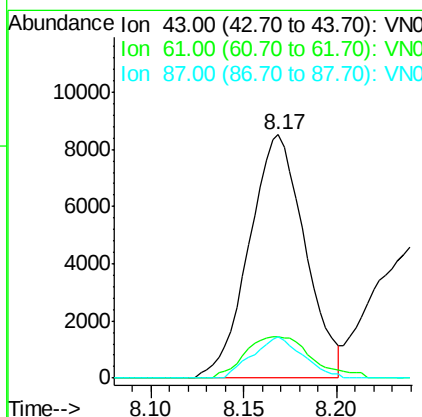
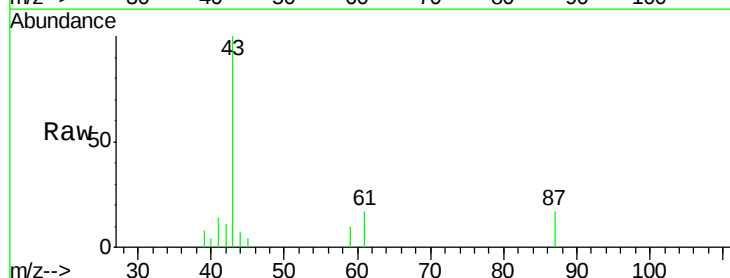
Instrument :
 MSVOA_N
 ClientSampleId :
 PL-01-070319-D

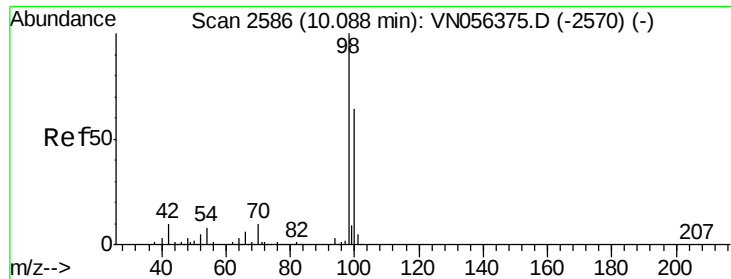
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.9	124.3
192	22.3	17.7	26.5



#43
 Isopropyl Acetate
 Concen: 2.551 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN056612.D
 Acq: 8 Jul 2019 16:18

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.3	22.0	33.0#
87	15.3	11.0	16.4





#50

Toluene-d8

Concen: 51.951 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056612.D

Acq: 8 Jul 2019 16:18

Instrument :

MSVOA_N

ClientSampleId :

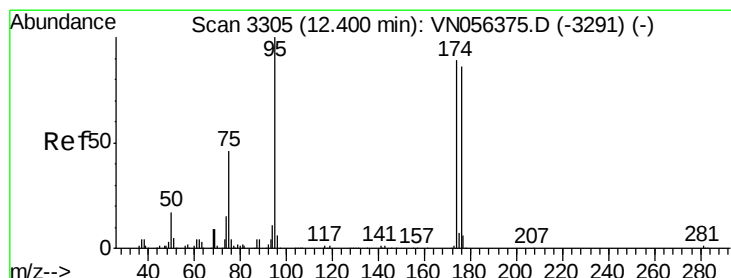
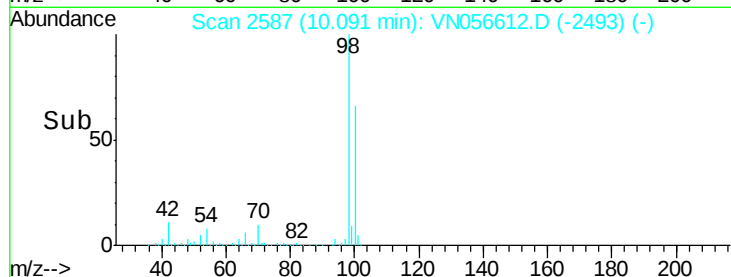
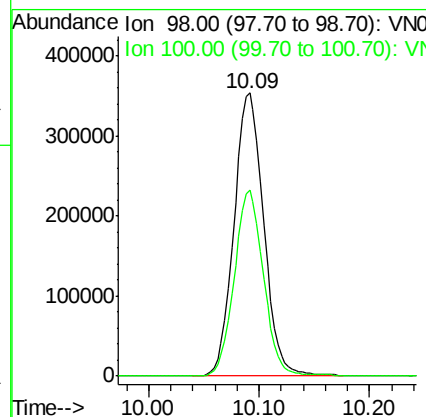
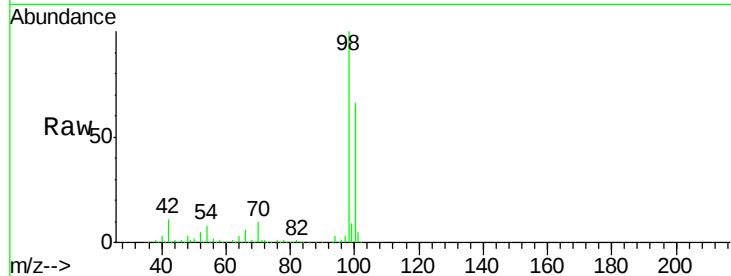
PL-01-070319-D

Tot Ion: 98 Resp: 661471

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 58.365 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056612.D

Acq: 8 Jul 2019 16:18

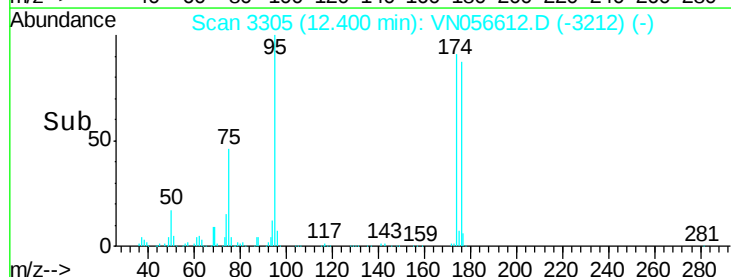
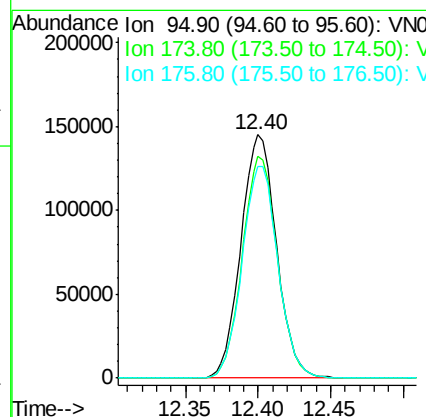
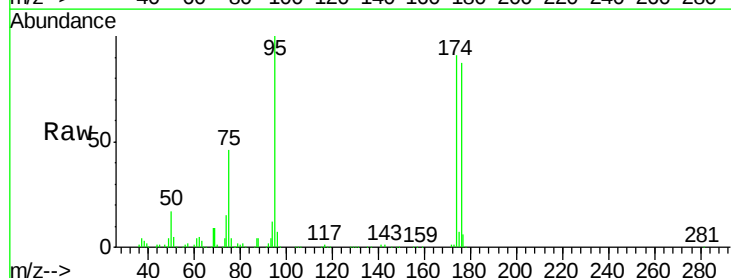
Tgt Ion: 95 Resp: 247731

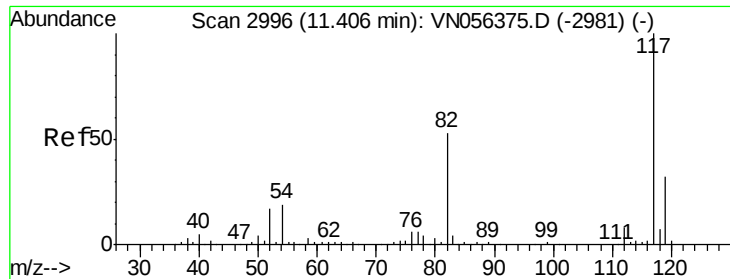
Ion Ratio Lower Upper

95 100

174 90.0 0.0 179.4

176 87.7 0.0 173.4

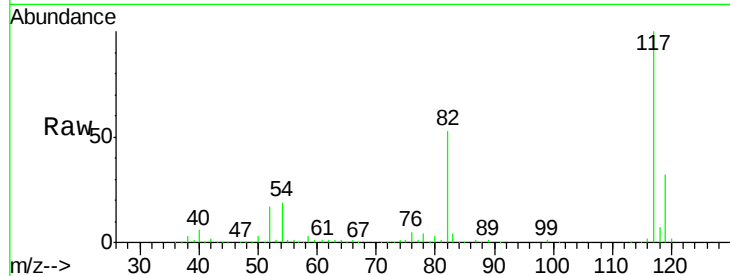




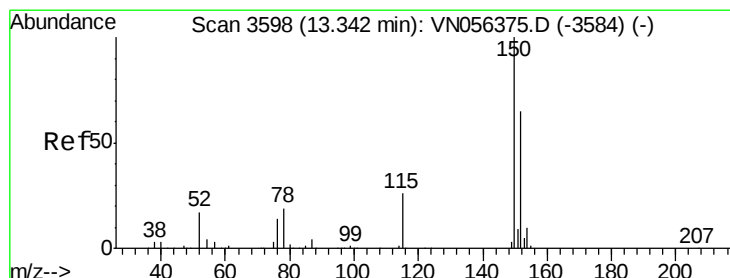
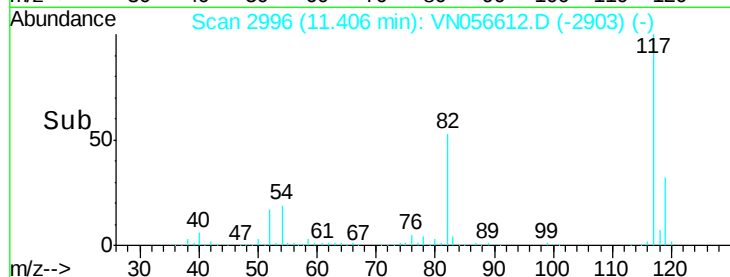
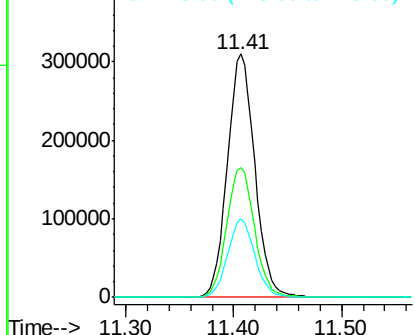
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056612.D
Acq: 8 Jul 2019 16:18

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

Tot Ion:117 Resp: 549312
Ion Ratio Lower Upper
117 100
82 53.4 42.0 63.0
119 32.2 25.3 37.9

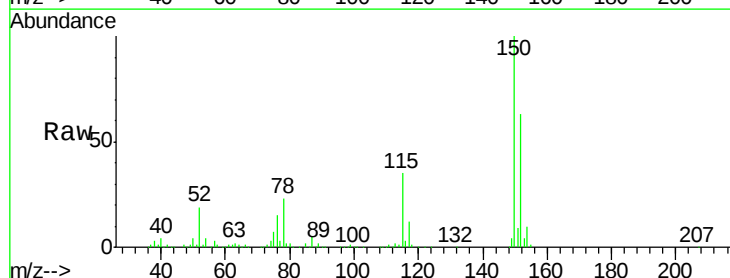


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

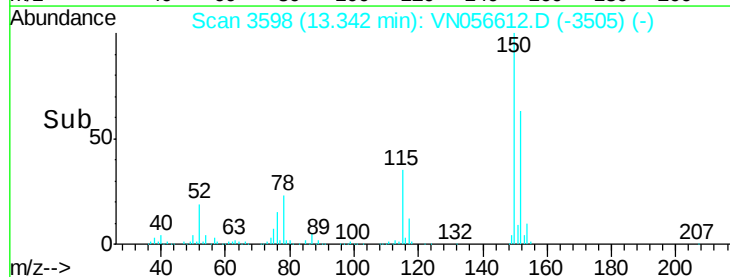
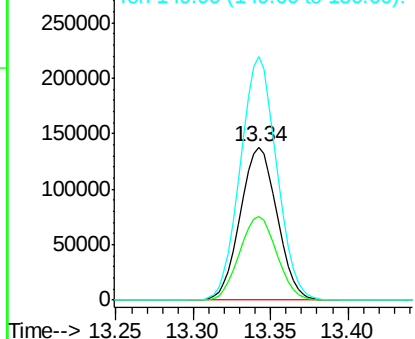


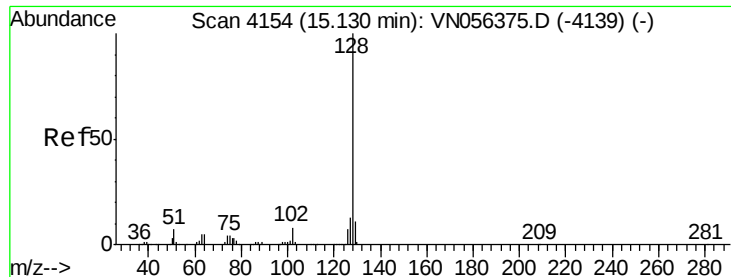
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056612.D
Acq: 8 Jul 2019 16:18

Tgt Ion:152 Resp: 228177
Ion Ratio Lower Upper
152 100
115 55.7 28.1 84.4
150 157.8 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

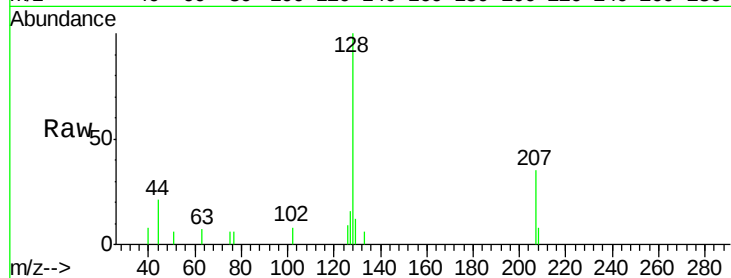




#95
Naphthalene
Concen: 5.707 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN056612.D
Acq: 8 Jul 2019 16:18

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	10.5	10.2	15.2
129	8.9	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

