

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060420\
 Data File : VN061654.D
 Acq On : 4 Jun 2020 15:37
 Operator : JC/MD
 Sample : L2814-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-01-060320

Quant Time: Jun 05 08:09:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

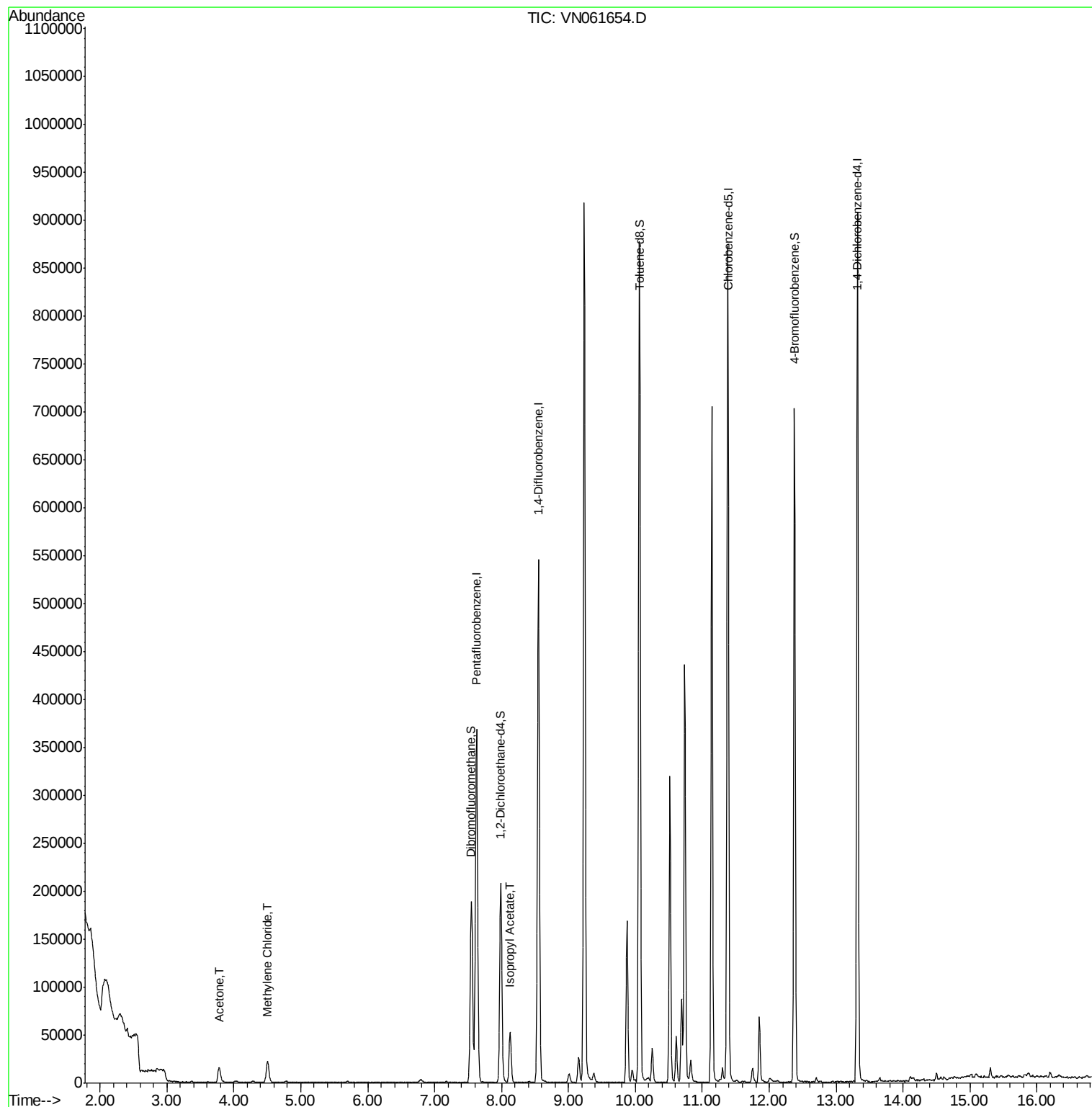
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	307171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	534823	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	542555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	255361	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	176097	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
35) Dibromofluoromethane	7.55	113	147077	54.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.42%	
50) Toluene-d8	10.06	98	647722	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.38	95	249130	54.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.62%	
Target Compounds						
16) Acetone	3.78	43	26981	21.072	ug/l	99
20) Methylene Chloride	4.51	84	17737	3.722	ug/l	95
43) Isopropyl Acetate	8.13	43	61238	8.926	ug/l #	90

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061654.D

Acq: 4 Jun 2020 15:37

Instrument :

MSVOA_N

ClientSampleId :

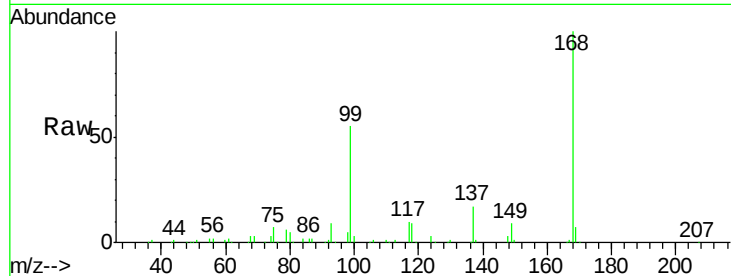
PL-01-060320

Tot Ion:168 Resp: 307171

Ion Ratio Lower Upper

168 100

99 54.9 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

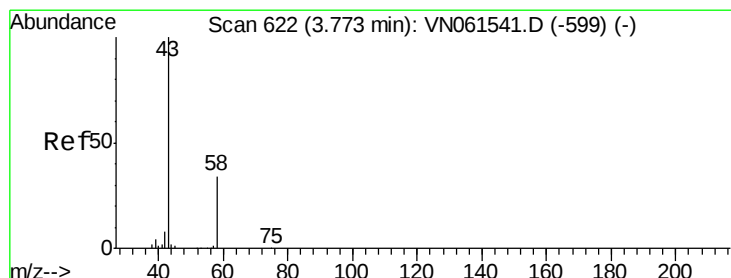
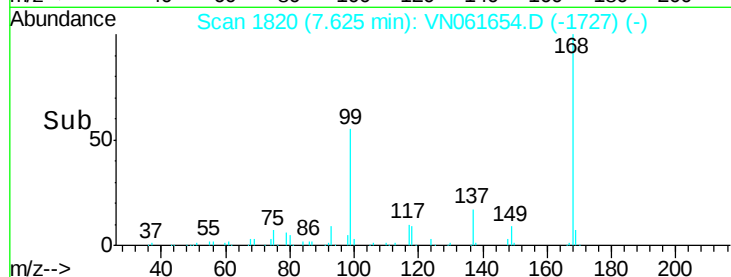
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 21.072 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN061654.D

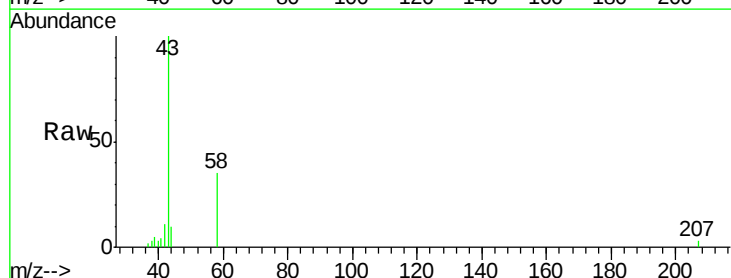
Acq: 4 Jun 2020 15:37

Tgt Ion: 43 Resp: 26981

Ion Ratio Lower Upper

43 100

58 34.8 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

10000

8000

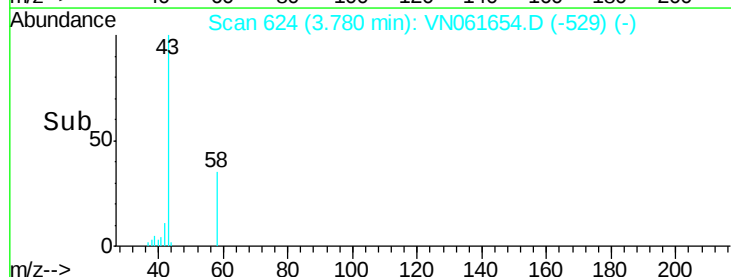
6000

4000

2000

0

Time--> 3.70 3.75 3.80 3.85

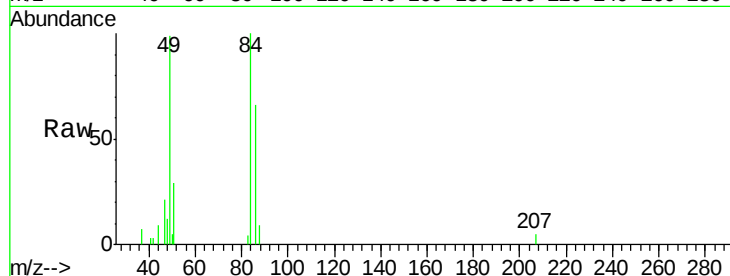




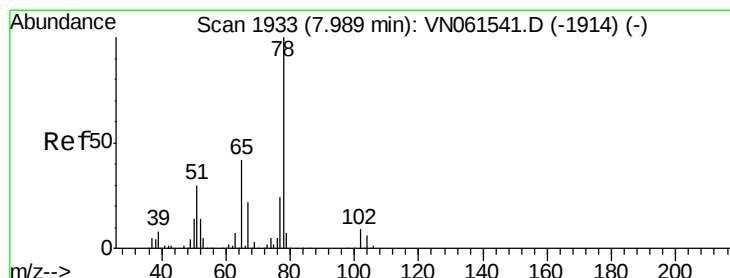
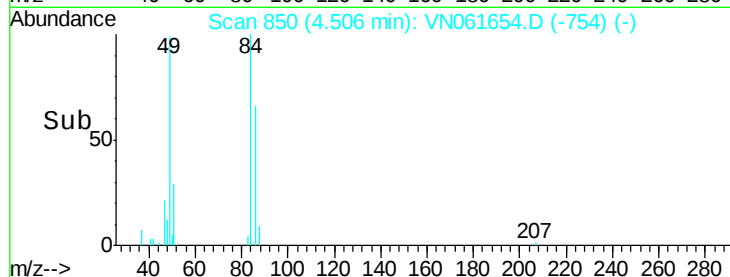
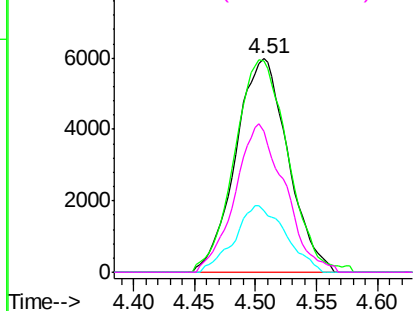
#20
Methvlene Chloride
Concen: 3.722 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.01 min
Lab File: VN061654.D
Acq: 4 Jun 2020 15:37

Instrument :
MSVOA_N
ClientSampleId :
PL-01-060320

Tot Ion:	84	Resp:	17737
Ion	Ratio	Lower	Upper
84	100		
49	99.1	85.8	128.8
51	28.8	26.2	39.2
86	66.1	52.6	78.8

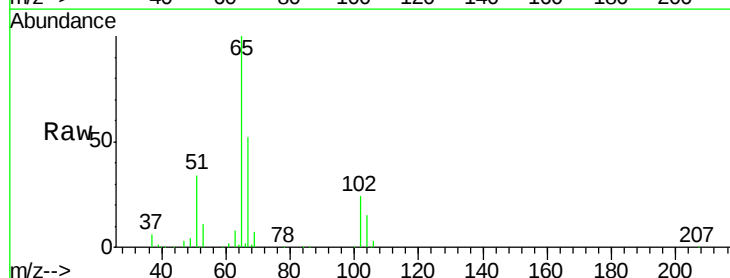


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

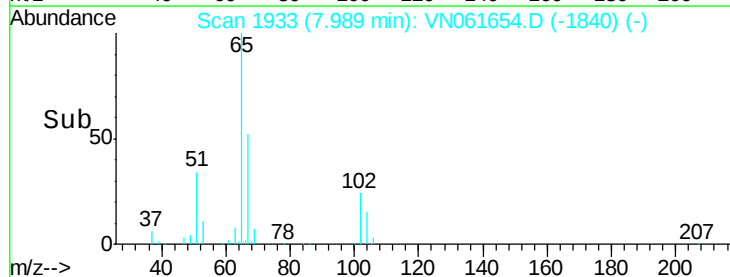
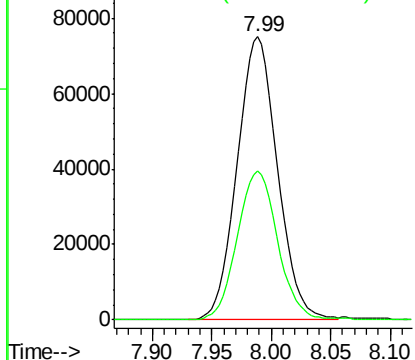


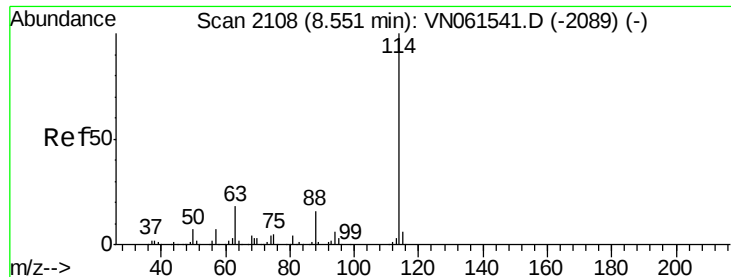
#33
1,2-Dichloroethane-d4
Concen: 48.117 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN061654.D
Acq: 4 Jun 2020 15:37

Tgt Ion:	65	Resp:	176097
Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	104.8



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC

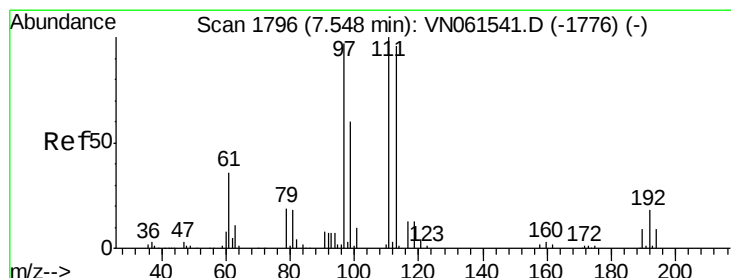
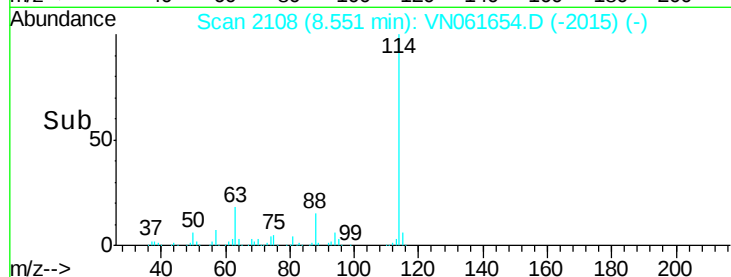
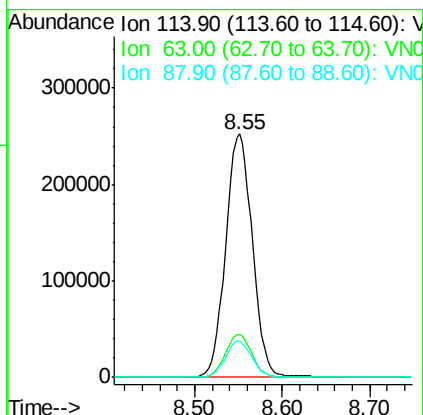
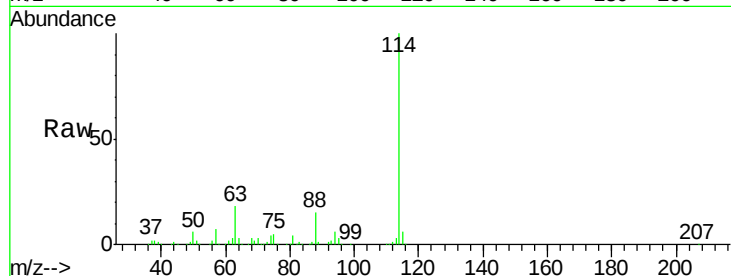




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061654.D
 Acq: 4 Jun 2020 15:37

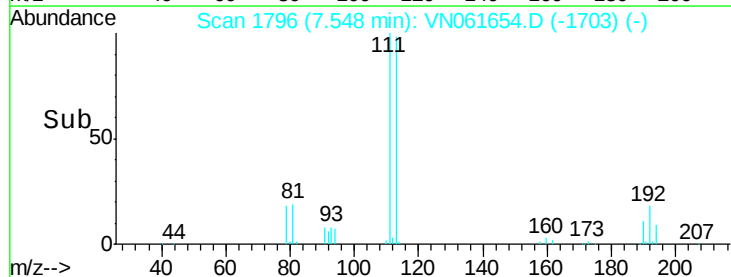
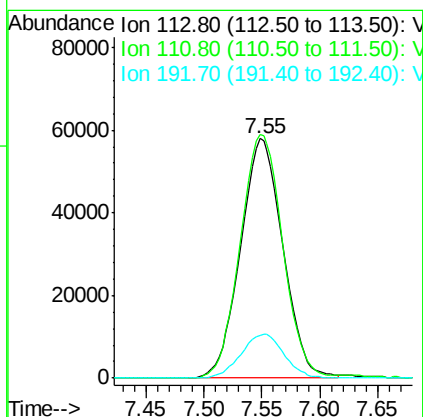
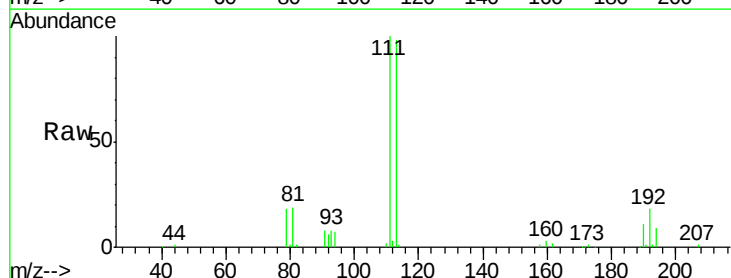
Instrument :
 MSVOA_N
 ClientSampleId :
 PL-01-060320

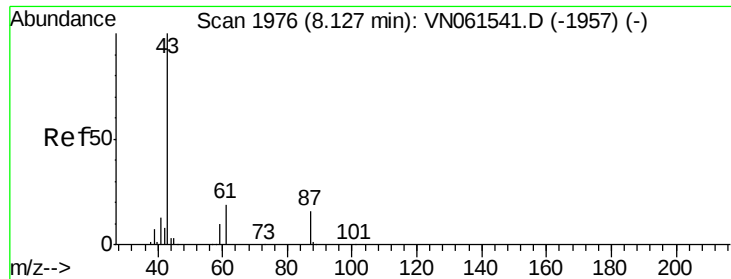
Tot Ion:114 Resp: 534823
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 35.8
 88 14.8 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 54.211 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061654.D
 Acq: 4 Jun 2020 15:37

Tgt Ion:113 Resp: 147077
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.4 125.0
 192 18.7 15.4 23.2

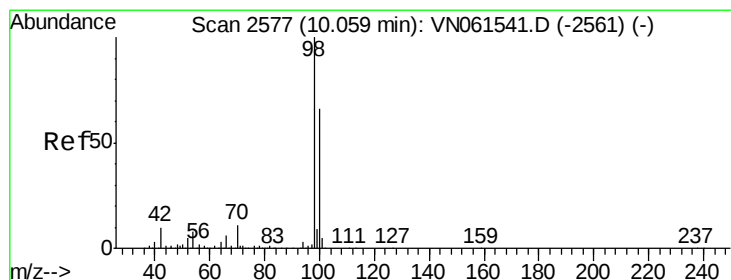
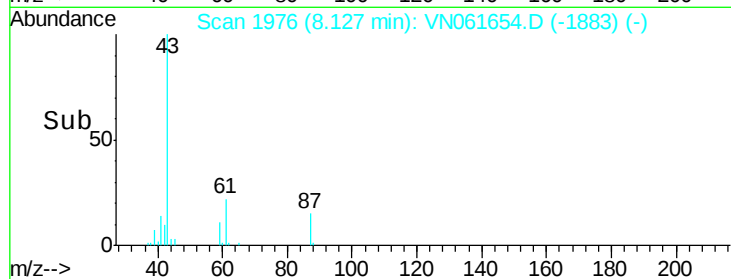
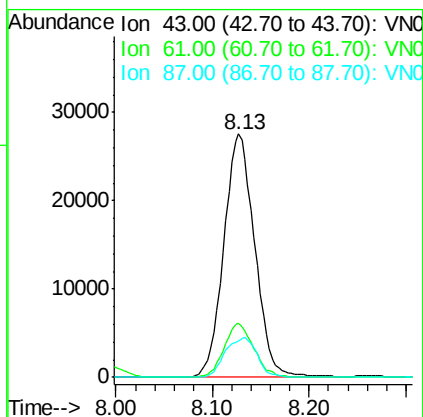
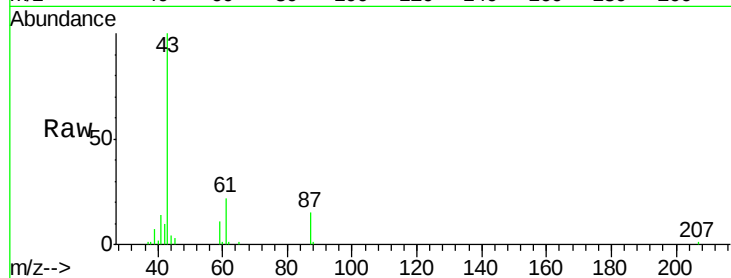




#43
Isopropyl Acetate
Concen: 8.926 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN061654.D
Acq: 4 Jun 2020 15:37

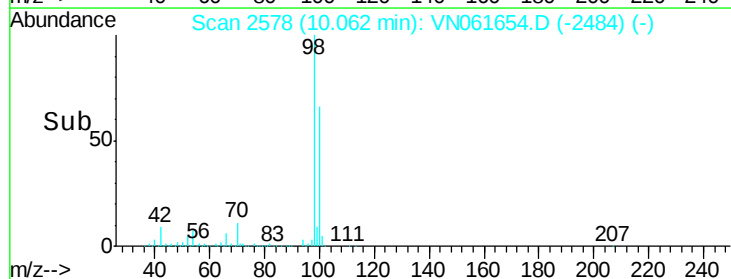
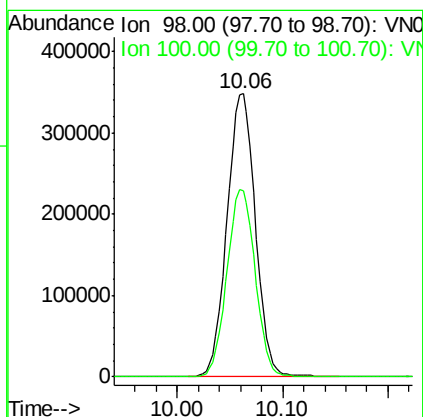
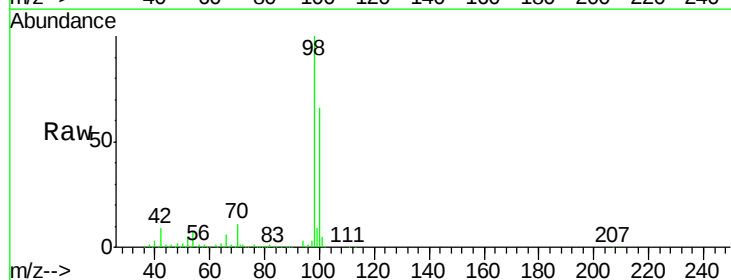
Instrument :
MSVOA_N
ClientSampleId :
PL-01-060320

Tot Ion: 43 Resp: 61238
Ion Ratio Lower Upper
43 100
61 21.2 23.6 35.4#
87 16.8 13.0 19.6



#50
Toluene-d8
Concen: 51.518 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. 0.00 min
Lab File: VN061654.D
Acq: 4 Jun 2020 15:37

Tgt Ion: 98 Resp: 647722
Ion Ratio Lower Upper
98 100
100 66.3 52.8 79.2

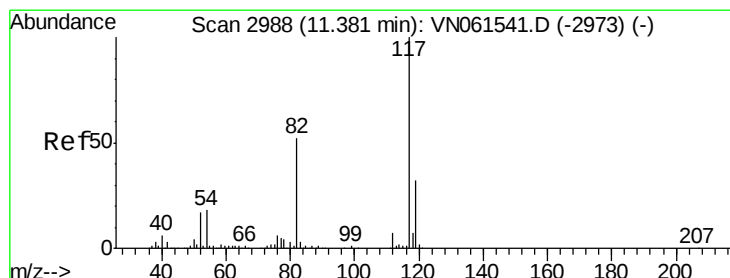
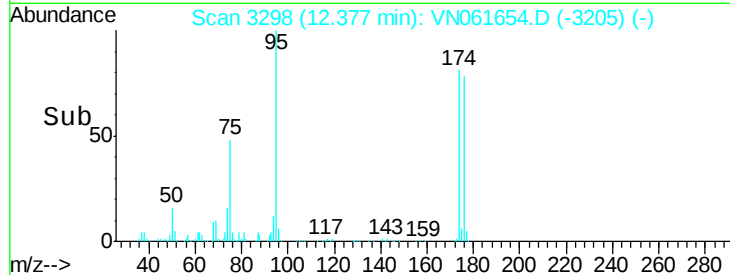
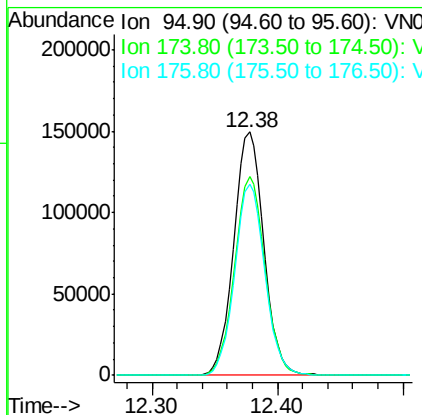
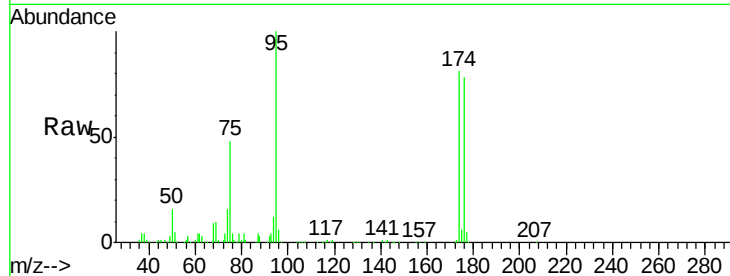




#62
4-Bromofluorobenzene
Concen: 54.313 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061654.D
Acq: 4 Jun 2020 15:37

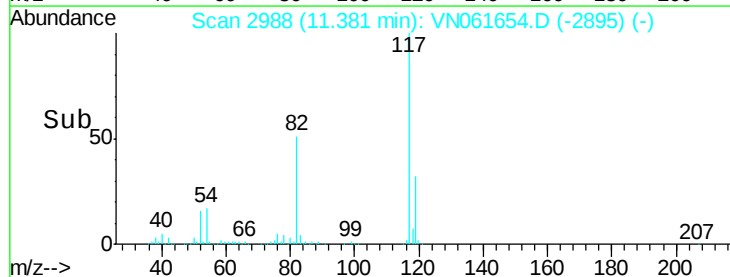
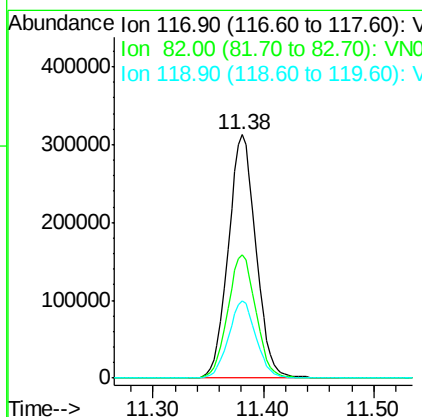
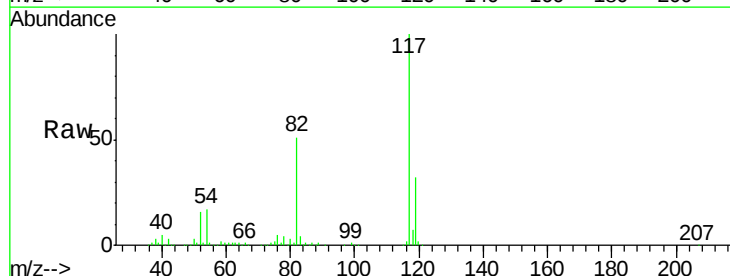
Instrument :
MSVOA_N
ClientSampleId :
PL-01-060320

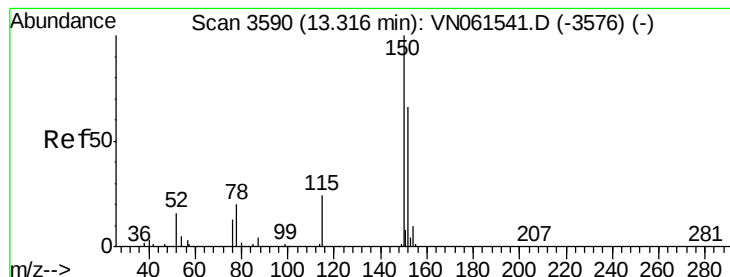
Tot Ion	95	Resp	249130
Ion Ratio	Lower	Upper	
95	100		
174	82.7	0.0	172.8
176	78.7	0.0	164.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061654.D
Acq: 4 Jun 2020 15:37

Tgt Ion	117	Resp	542555
Ion Ratio	Lower	Upper	
117	100		
82	50.6	41.5	62.3
119	31.7	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061654.D

Acq: 4 Jun 2020 15:37

Instrument :

MSVOA_N

ClientSampleId :

PL-01-060320

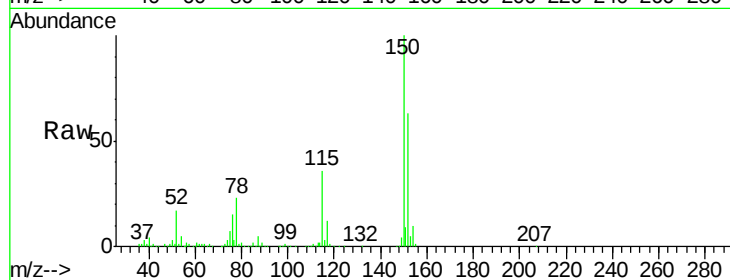
Tot Ion:152 Resp: 255361

Ion Ratio Lower Upper

152 100

115 57.3 28.0 84.0

150 157.8 0.0 344.0



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

