

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032720\
 Data File : VN060754.D
 Acq On : 27 Mar 2020 20:16
 Operator : JC/MD
 Sample : L2040-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RO-11986

Quant Time: Mar 30 01:25:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

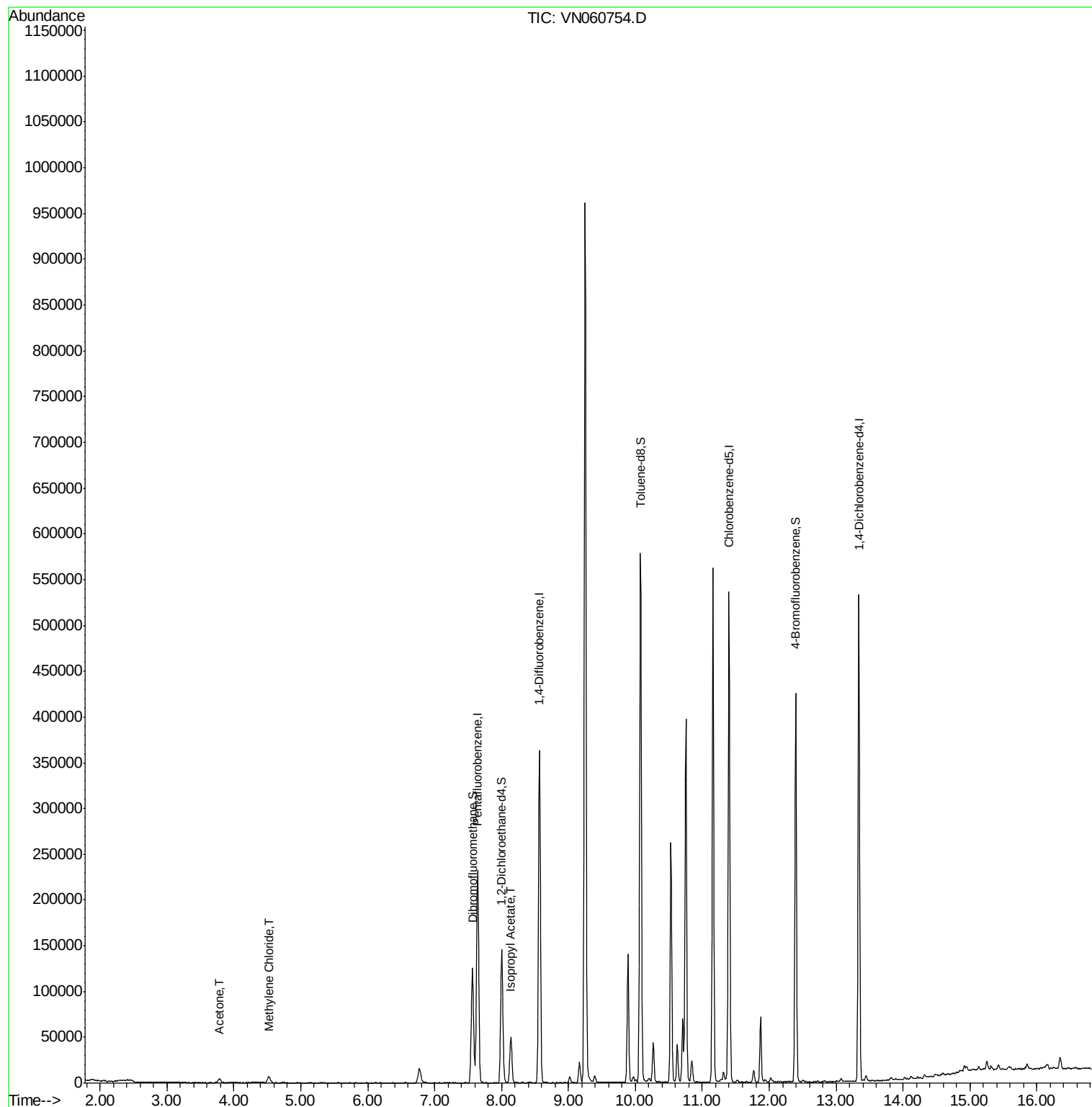
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	190134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	318769	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	302801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	138768	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	124271	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
35) Dibromofluoromethane	7.56	113	96758	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
50) Toluene-d8	10.08	98	396777	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.40	95	148999	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
Target Compounds						
16) Acetone	3.78	43	8265	8.939	ug/l	95
20) Methylene Chloride	4.52	84	5525	2.429	ug/l	97
43) Isopropyl Acetate	8.14	43	60691	11.034	ug/l #	90

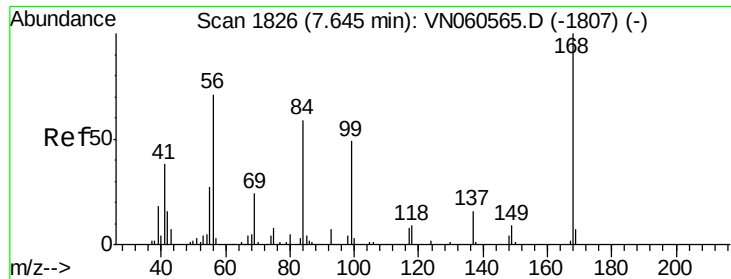
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060754.D

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ClientSampleId :

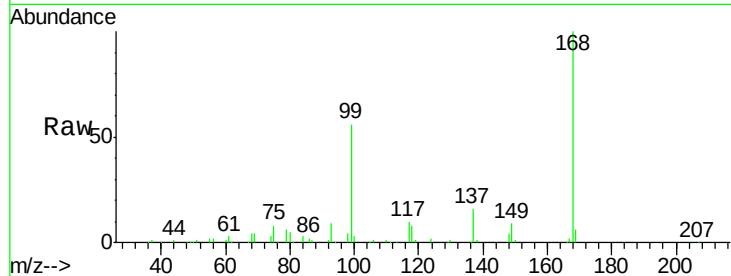
RO-11986

Tot Ion:168 Resp: 190134

Ion Ratio Lower Upper

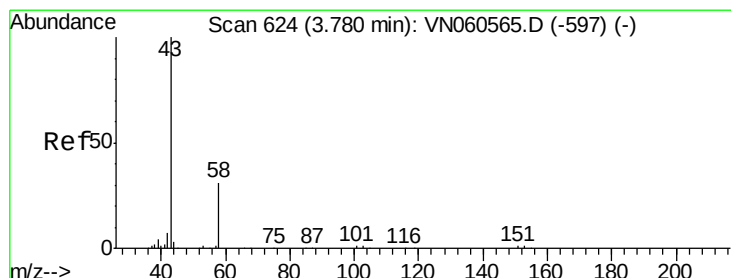
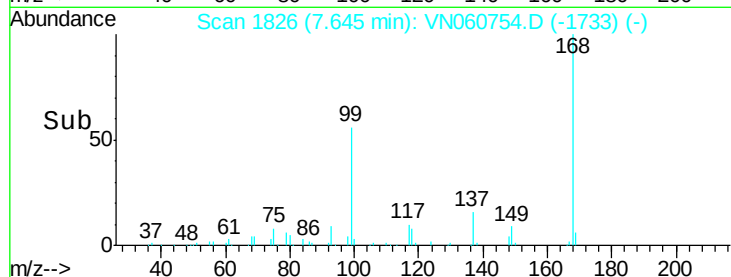
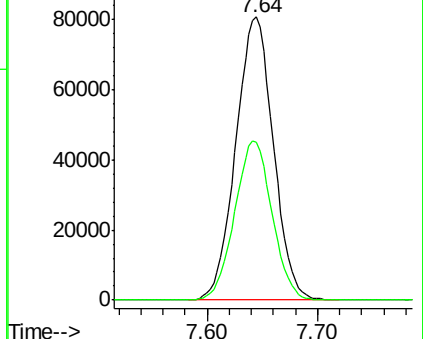
168 100

99 55.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 8.939 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060754.D

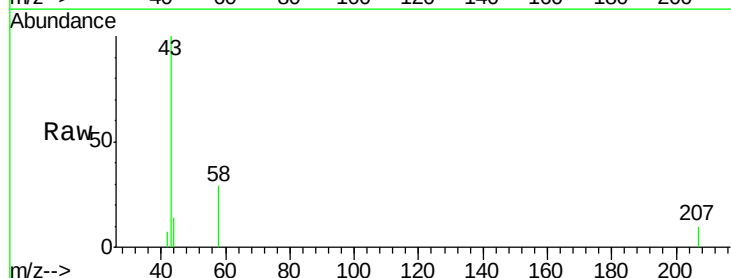
Acq: 27 Mar 2020 20:16

Tgt Ion: 43 Resp: 8265

Ion Ratio Lower Upper

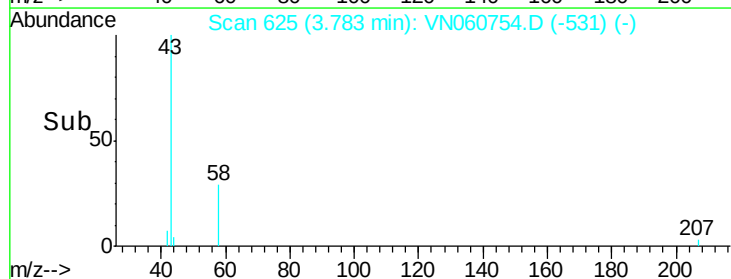
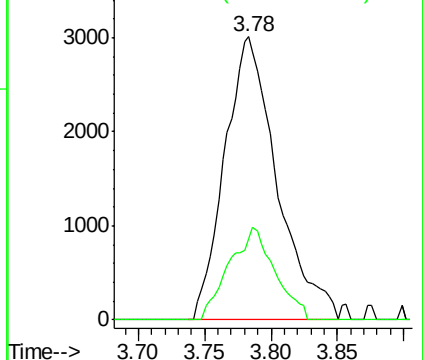
43 100

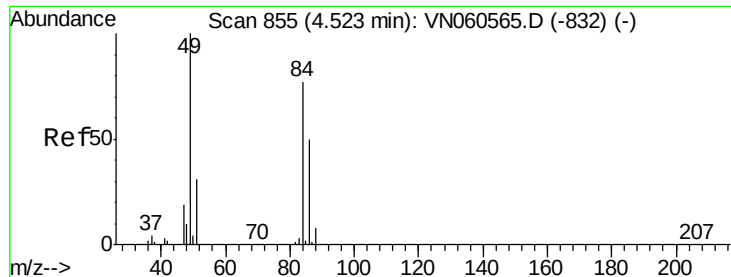
58 28.6 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

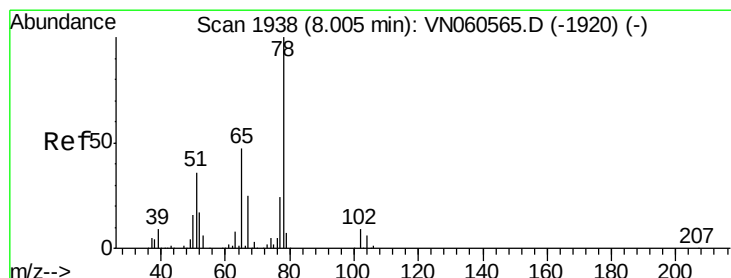
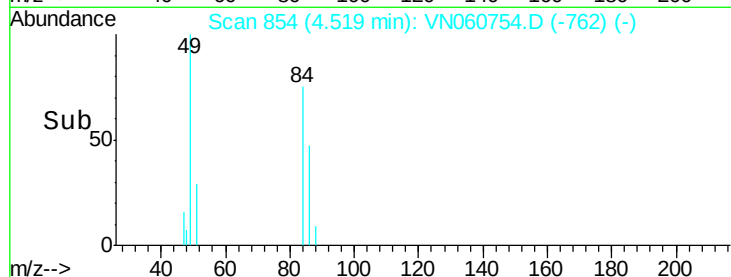
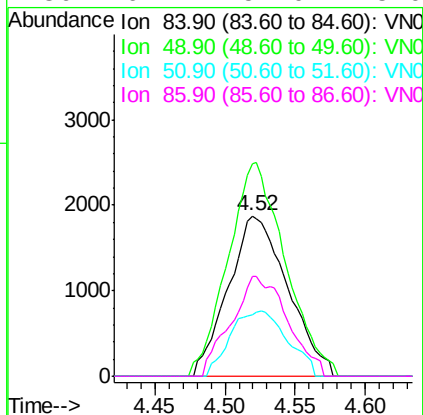
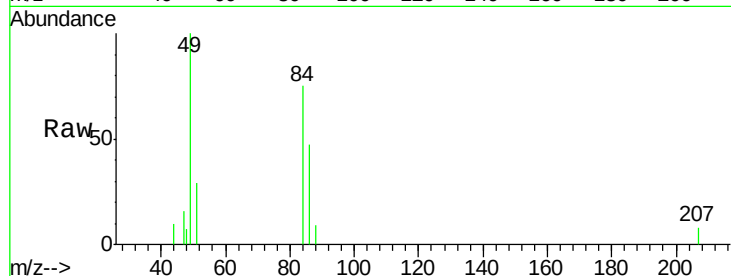




#20
Methylene Chloride
Concen: 2.429 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060754.D
Acq: 27 Mar 2020 20:16

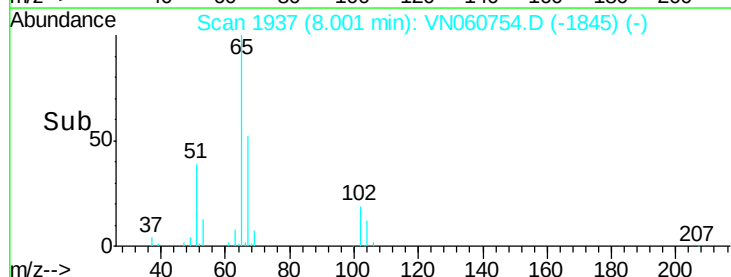
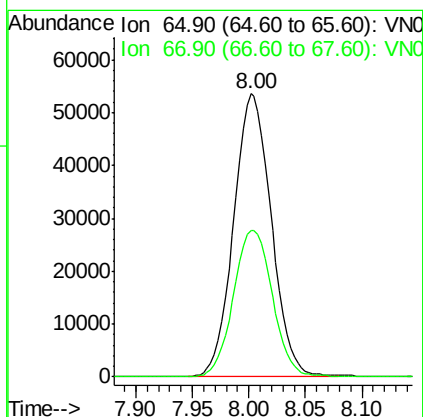
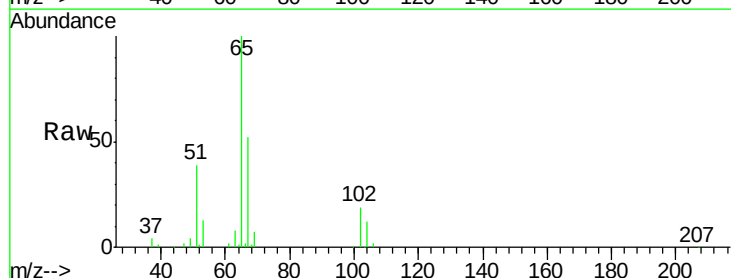
Instrument :
MSVOA_N
ClientSampled :
RO-11986

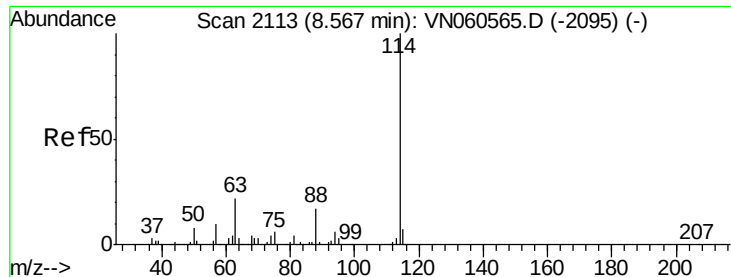
Tot Ion:	84	Resp:	5525
Ion	Ratio	Lower	Upper
84	100		
49	132.9	103.3	154.9
51	38.7	31.6	47.4
86	62.2	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 47.611 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060754.D
Acq: 27 Mar 2020 20:16

Tgt Ion:	65	Resp:	124271
Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	107.6

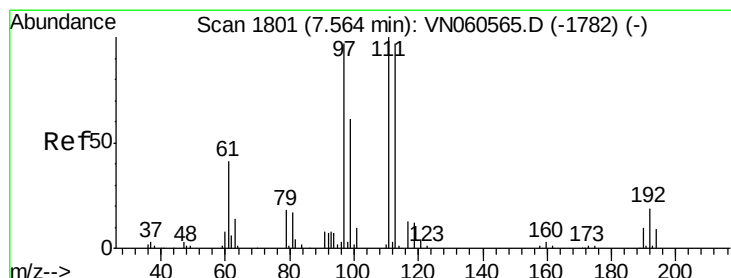
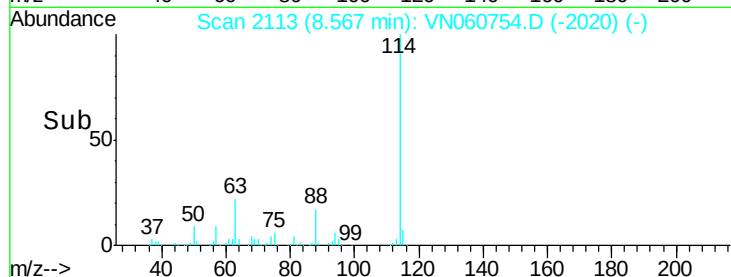
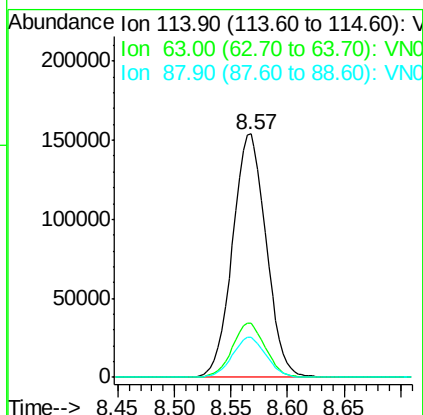
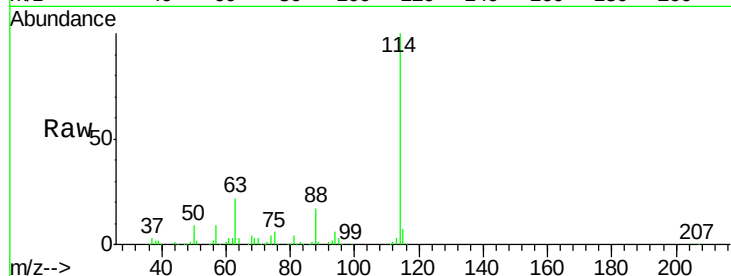




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060754.D
 Acq: 27 Mar 2020 20:16

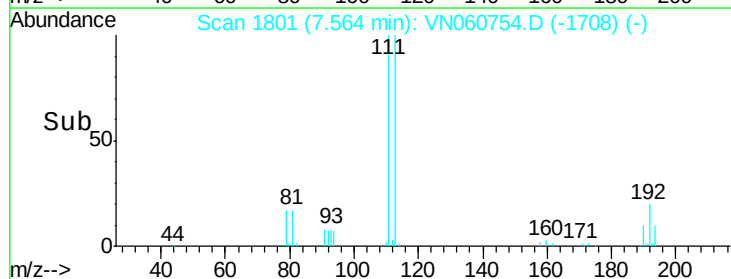
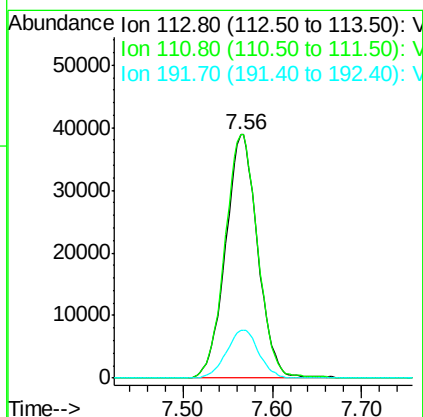
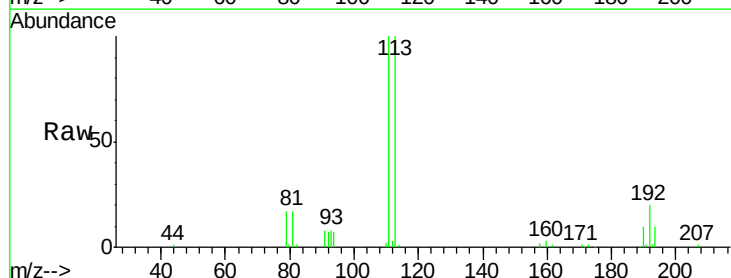
Instrument :
 MSVOA_N
 ClientSampleId :
 RO-11986

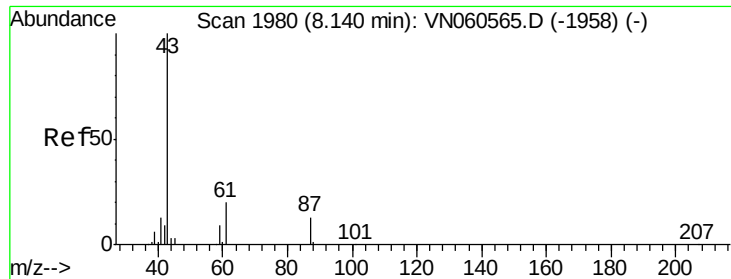
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.8
88	16.6	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 50.199 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060754.D
 Acq: 27 Mar 2020 20:16

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.9	124.3
192	19.7	15.8	23.8

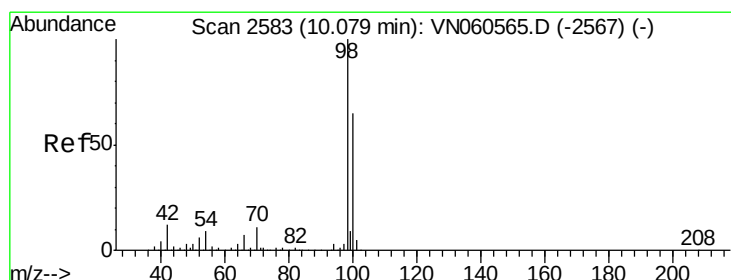
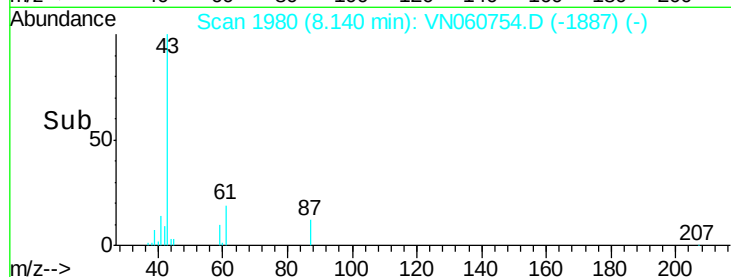
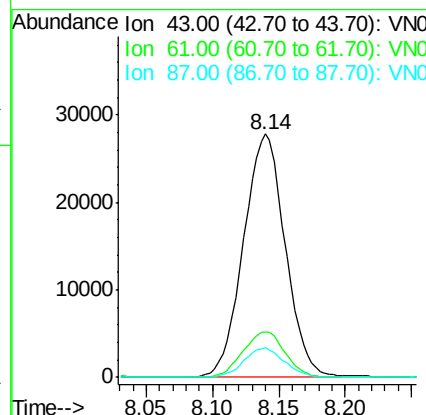
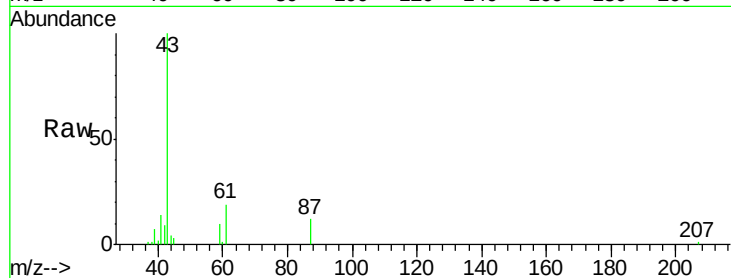




#43
Isopropyl Acetate
Concen: 11.034 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. -0.00 min
Lab File: VN060754.D
Acq: 27 Mar 2020 20:16

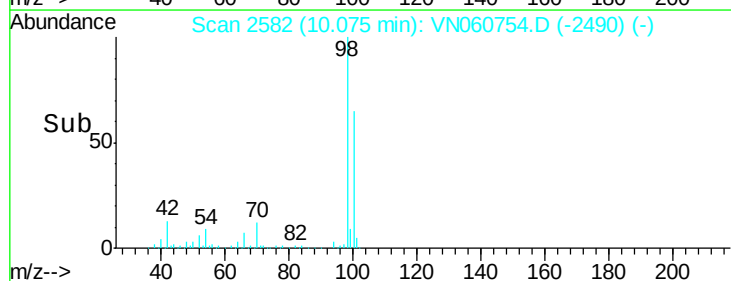
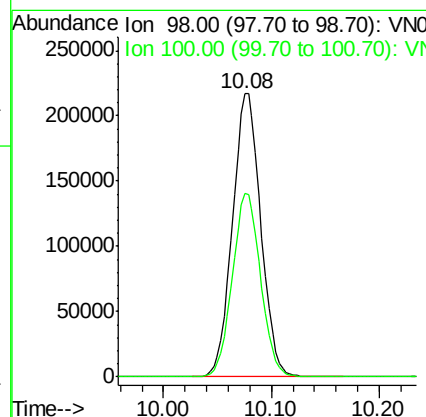
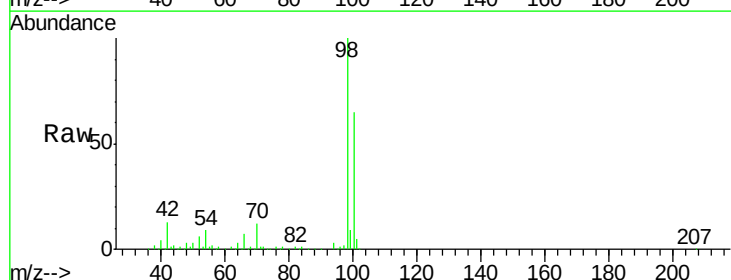
Instrument :
MSVOA_N
ClientSampled :
RO-11986

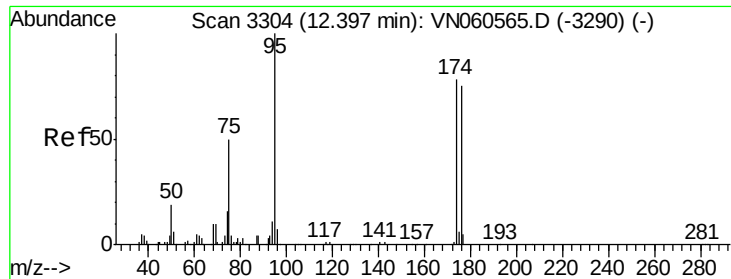
Tot Ion: 43 Resp: 60691
Ion Ratio Lower Upper
43 100
61 18.8 20.7 31.1#
87 11.6 9.8 14.8



#50
Toluene-d8
Concen: 50.397 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060754.D
Acq: 27 Mar 2020 20:16

Tgt Ion: 98 Resp: 396777
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 51.640 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060754.D

Acq: 27 Mar 2020 20:16

Instrument :

MSVOA_N

ClientSampleId :

RO-11986

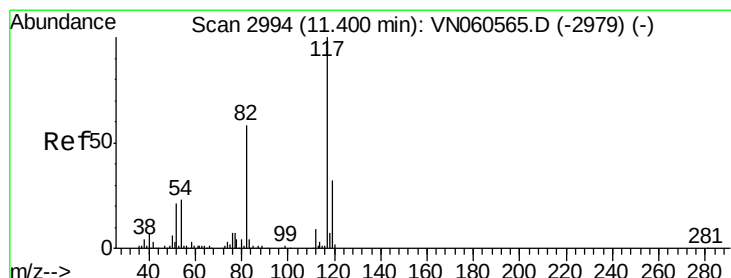
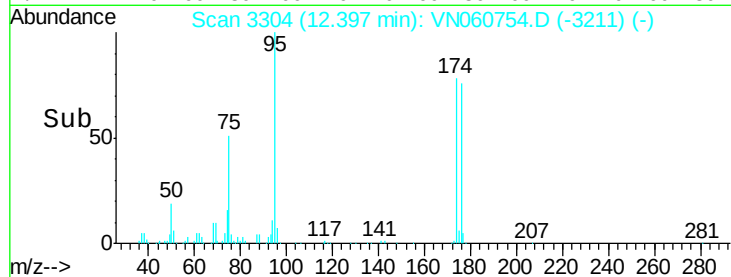
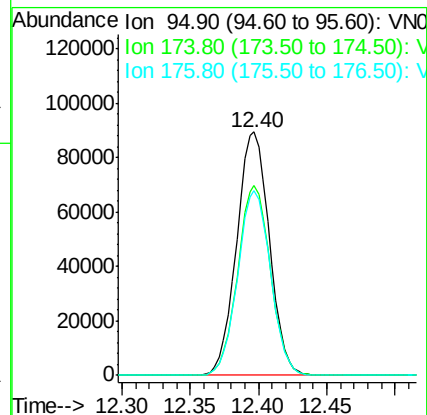
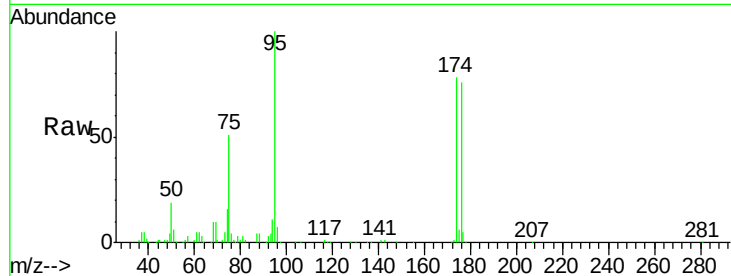
Tot Ion: 95 Resp: 148999

Ion Ratio Lower Upper

95 100

174 77.8 0.0 157.6

176 75.9 0.0 150.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060754.D

Acq: 27 Mar 2020 20:16

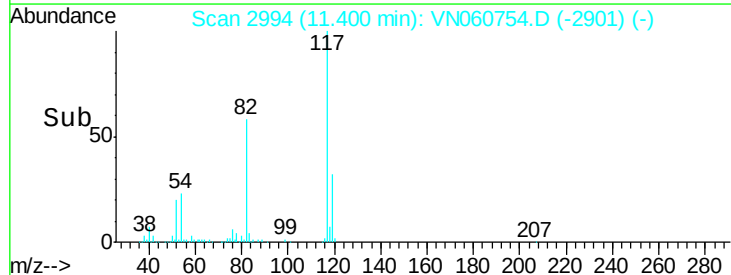
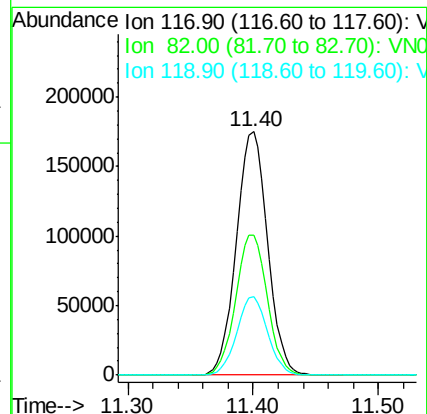
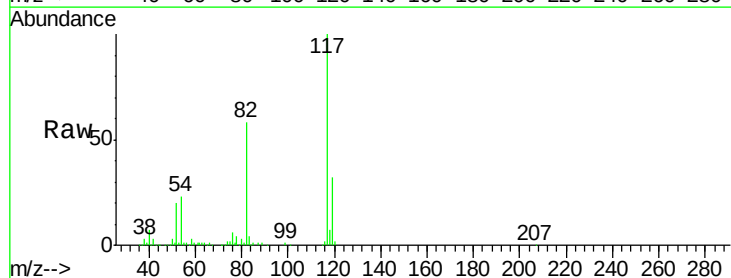
Tgt Ion: 117 Resp: 302801

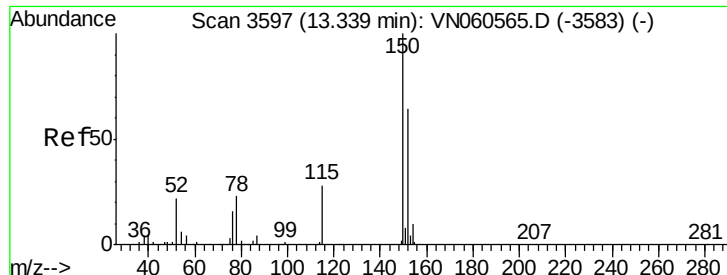
Ion Ratio Lower Upper

117 100

82 57.5 46.7 70.1

119 32.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060754.D

Acq: 27 Mar 2020 20:16

Instrument :

MSVOA_N

ClientSampleId :

RO-11986

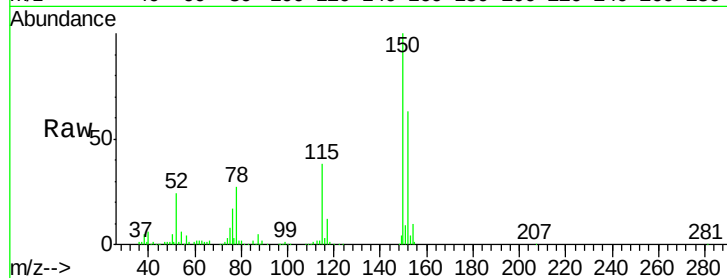
Tot Ion:152 Resp: 138768

Ion Ratio Lower Upper

152 100

115 60.4 30.2 90.6

150 157.4 0.0 350.2



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

