

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032020\
 Data File : VN060659.D
 Acq On : 20 Mar 2020 17:41
 Operator : JC/MD
 Sample : L1762-20
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-031920

Quant Time: Mar 21 00:39:11 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	198917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	328182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	309930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	142243	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	129348	47.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.74%	
35) Dibromofluoromethane	7.57	113	98168	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
50) Toluene-d8	10.08	98	410277	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.40	95	152156	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	

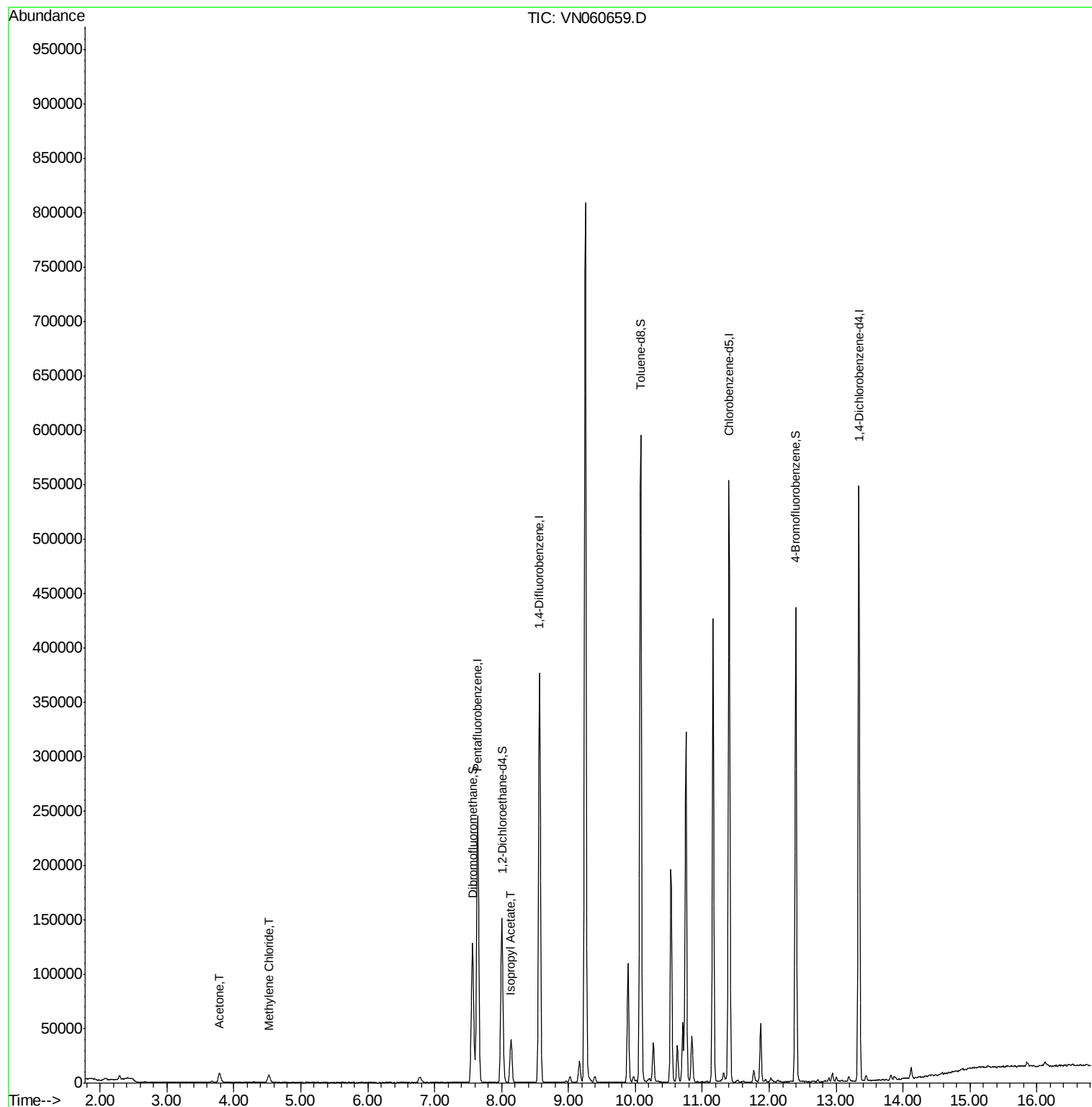
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	16108	16.65	ug/l	100
20) Methylene Chloride	4.52	84	5196	2.18	ug/l	97
43) Isopropyl Acetate	8.14	43	47466	8.38	ug/l #	90

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060659.D

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Instrument :

MSVOA_N

ClientSampleId :

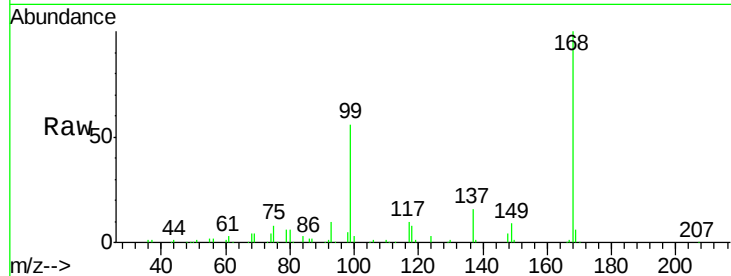
TR-05-031920

Tgt Ion:168 Resp: 198917

Ion Ratio Lower Upper

168 100

99 56.2 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

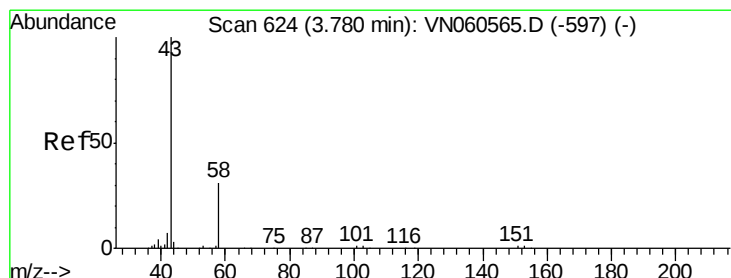
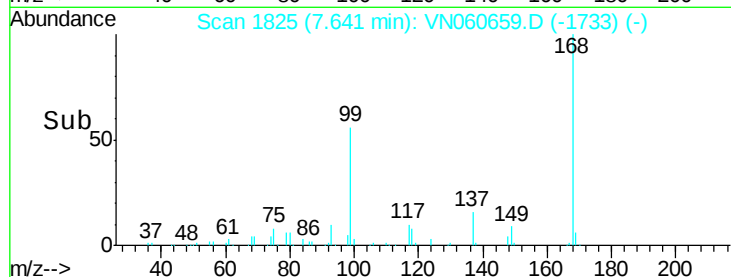
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 16.65 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060659.D

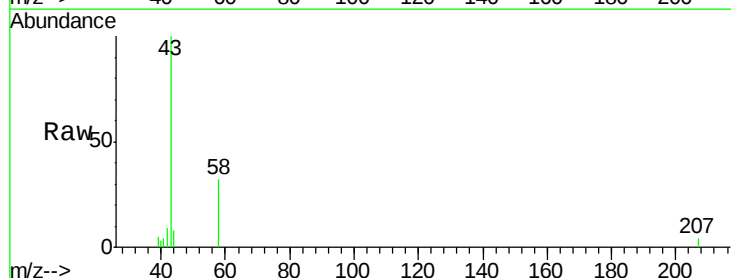
Acq: 20 Mar 2020 17:41

Tgt Ion: 43 Resp: 16108

Ion Ratio Lower Upper

43 100

58 31.6 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

6000

5000

4000

3000

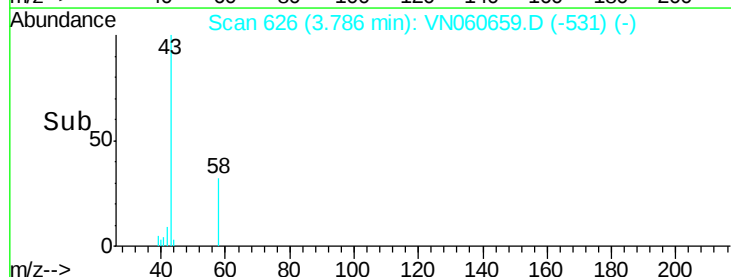
2000

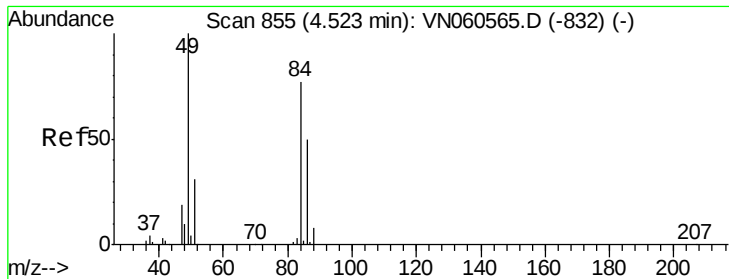
1000

0

3.70 3.80 3.90

Time-->

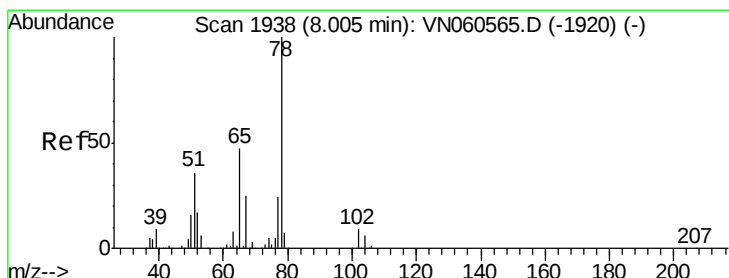
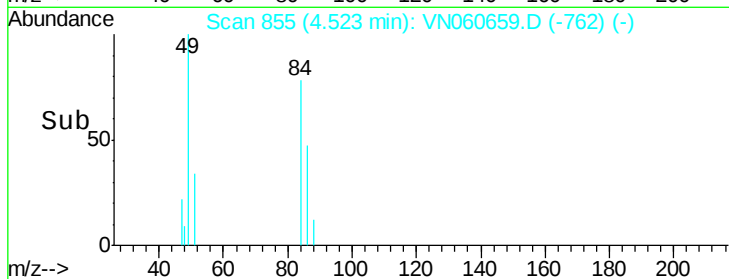
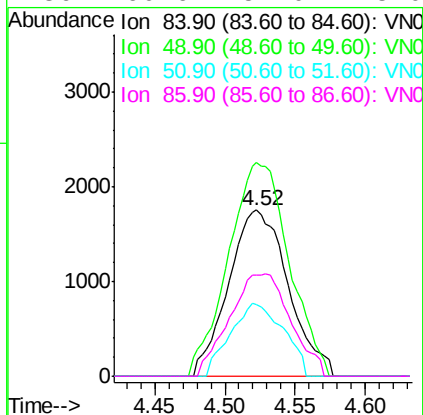
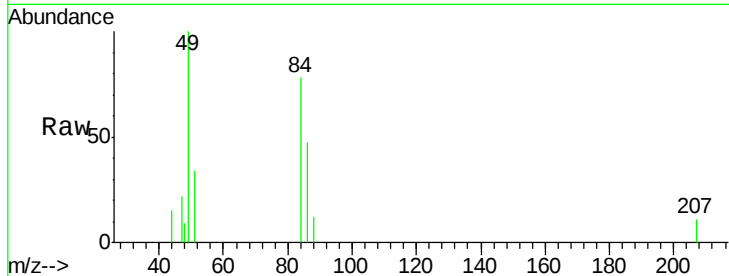




#20
Methylene Chloride
Concen: 2.18 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060659.D
Acq: 20 Mar 2020 17:41

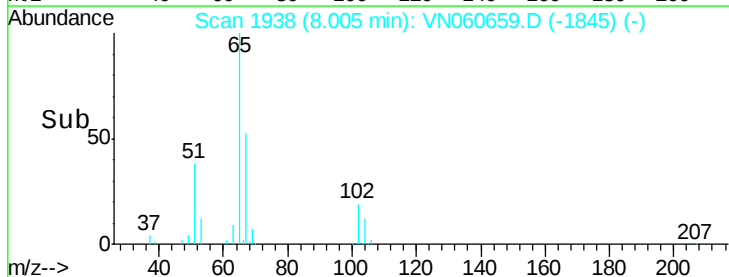
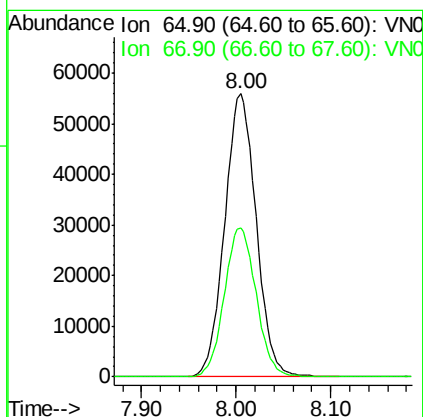
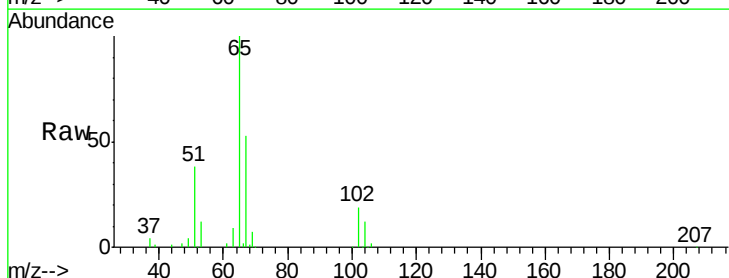
Instrument :
MSVOA_N
ClientSampleId :
TR-05-031920

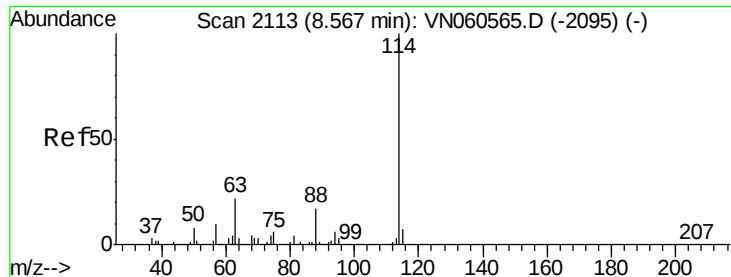
Tgt Ion:	84	Resp:	5196
Ion	Ratio	Lower	Upper
84	100		
49	128.7	103.3	154.9
51	43.6	31.6	47.4
86	60.6	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 47.37 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN060659.D
Acq: 20 Mar 2020 17:41

Tgt Ion:	65	Resp:	129348
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060659.D

Acq: 20 Mar 2020 17:41

Instrument :

MSVOA_N

ClientSampleId :

TR-05-031920

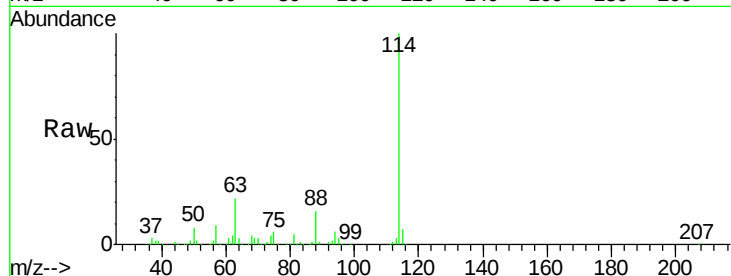
Tgt Ion:114 Resp: 328182

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.8

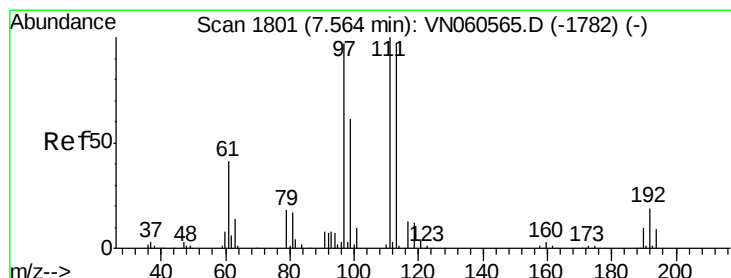
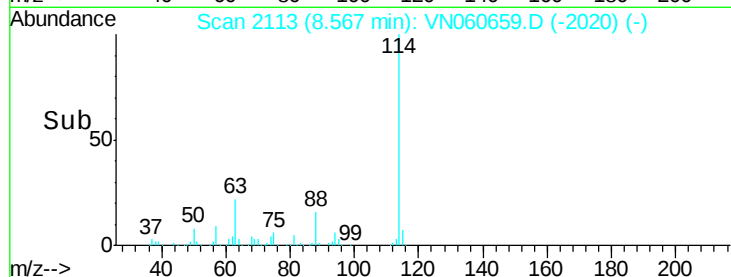
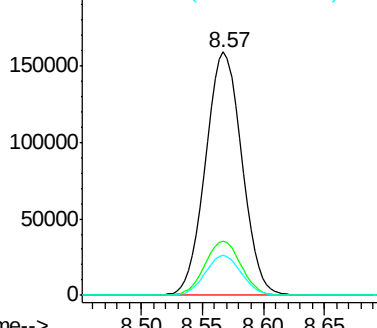
88 16.3 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 49.47 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060659.D

Acq: 20 Mar 2020 17:41

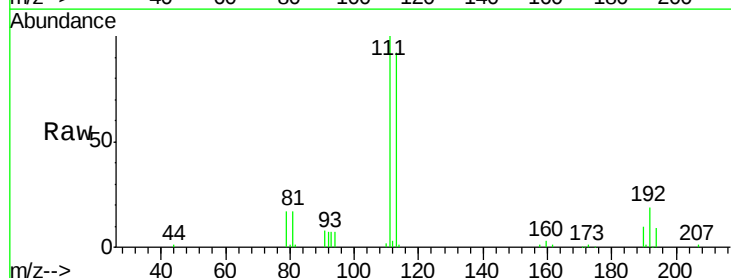
Tgt Ion:113 Resp: 98168

Ion Ratio Lower Upper

113 100

111 103.8 82.9 124.3

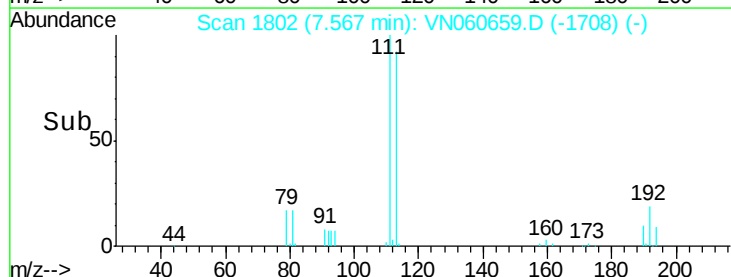
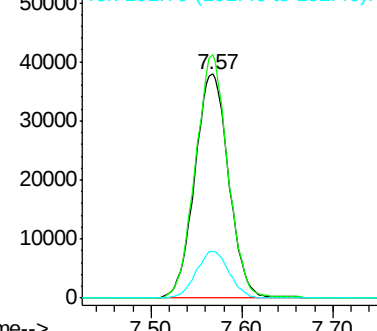
192 20.2 15.8 23.8

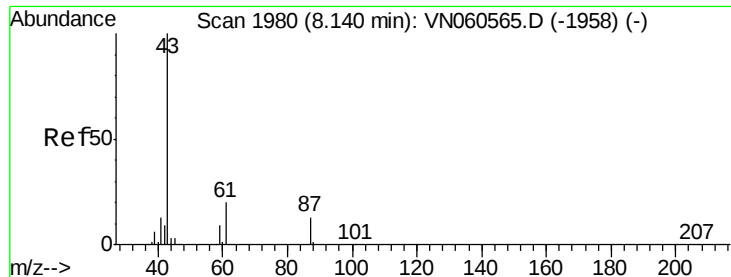


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.38 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060659.D

Acq: 20 Mar 2020 17:41

Instrument :

MSVOA_N

ClientSampled :

TR-05-031920

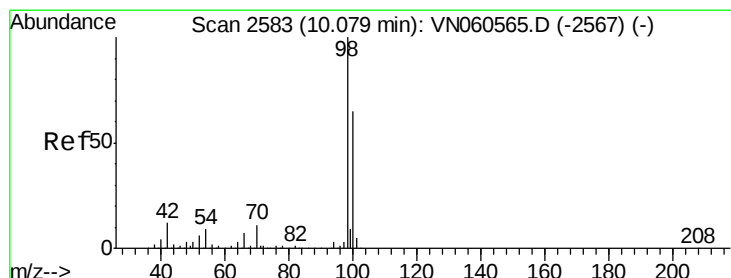
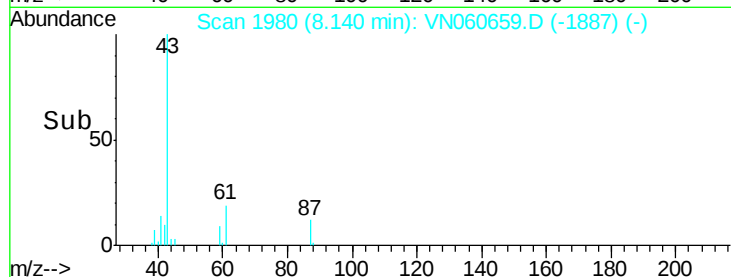
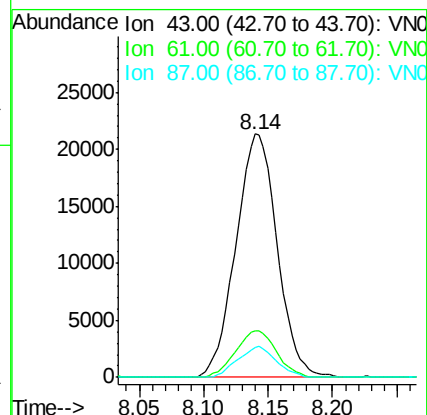
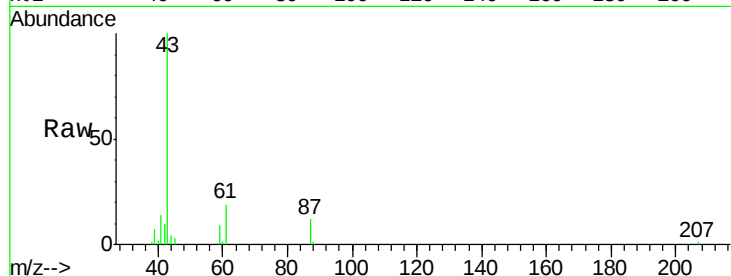
Tgt Ion: 43 Resp: 47466

Ion Ratio Lower Upper

43 100

61 18.9 20.7 31.1#

87 11.6 9.8 14.8



#50

Toluene-d8

Concen: 50.62 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060659.D

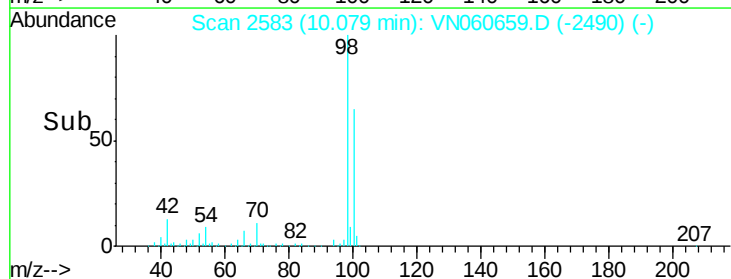
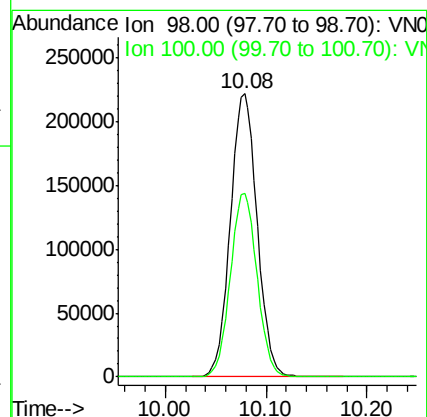
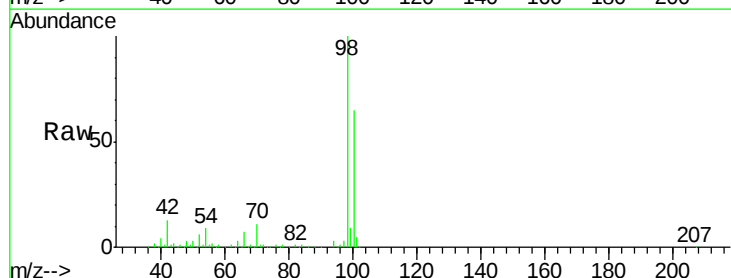
Acq: 20 Mar 2020 17:41

Tgt Ion: 98 Resp: 410277

Ion Ratio Lower Upper

98 100

100 64.6 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 51.22 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060659.D

Acq: 20 Mar 2020 17:41

Instrument :

MSVOA_N

ClientSampleId :

TR-05-031920

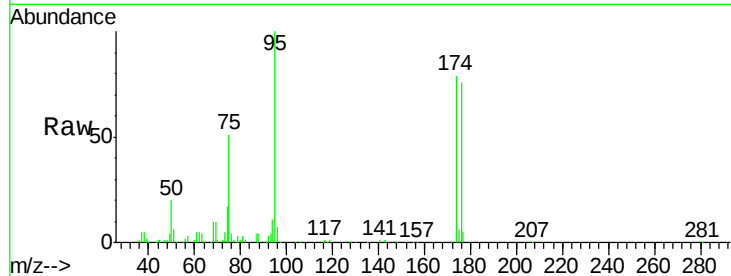
Tgt Ion: 95 Resp: 152156

Ion Ratio Lower Upper

95 100

174 78.5 0.0 157.6

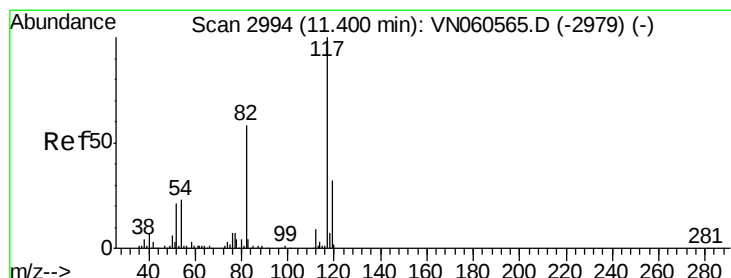
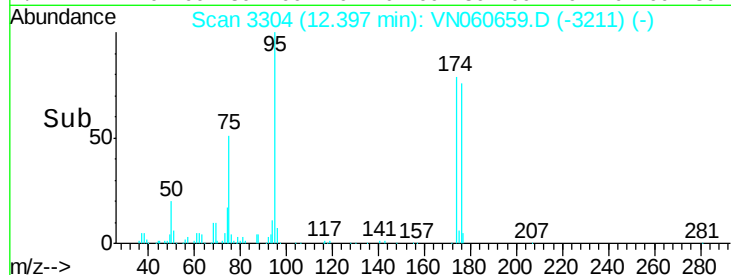
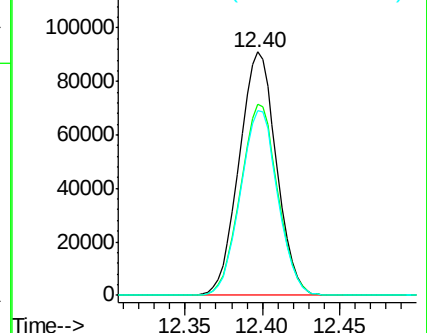
176 76.4 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060659.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060659.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060659.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060659.D

Acq: 20 Mar 2020 17:41

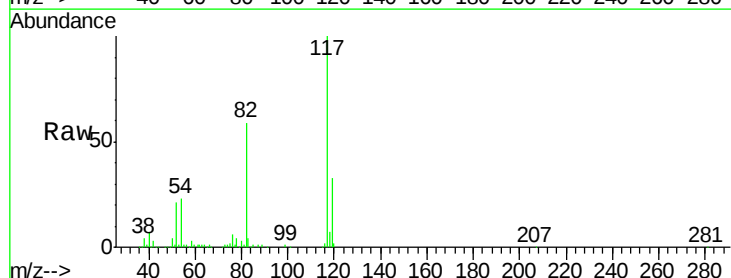
Tgt Ion: 117 Resp: 309930

Ion Ratio Lower Upper

117 100

82 58.8 46.7 70.1

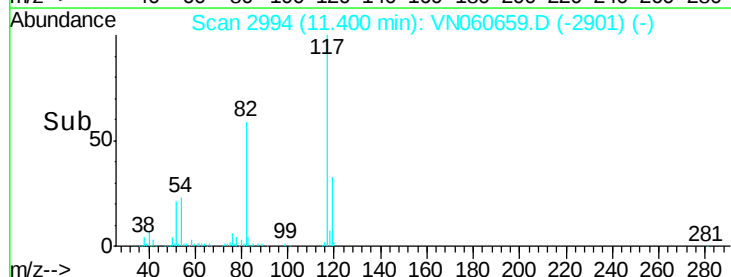
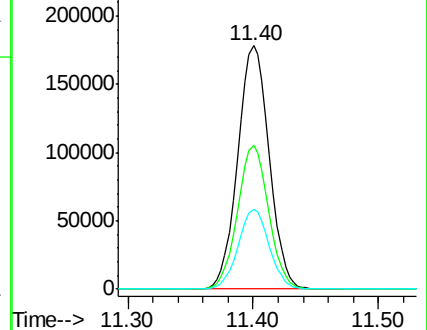
119 32.6 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN060659.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060659.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060659.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060659.D

Acq: 20 Mar 2020 17:41

Instrument :

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TR-05-031920

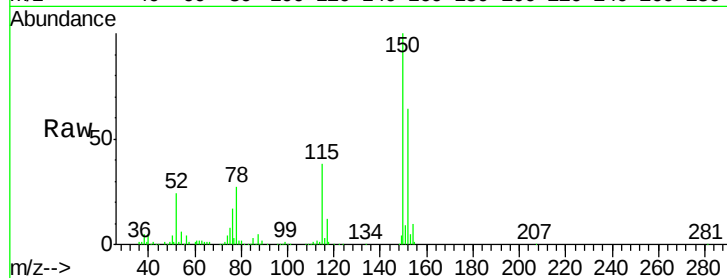
Tgt Ion:152 Resp: 142243

Ion Ratio Lower Upper

152 100

115 59.3 30.2 90.6

150 157.2 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

