

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061251.D
 Acq On : 2 May 2020 4:39
 Operator : JC/MD
 Sample : L2122-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-043020

Quant Time: May 04 07:43:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

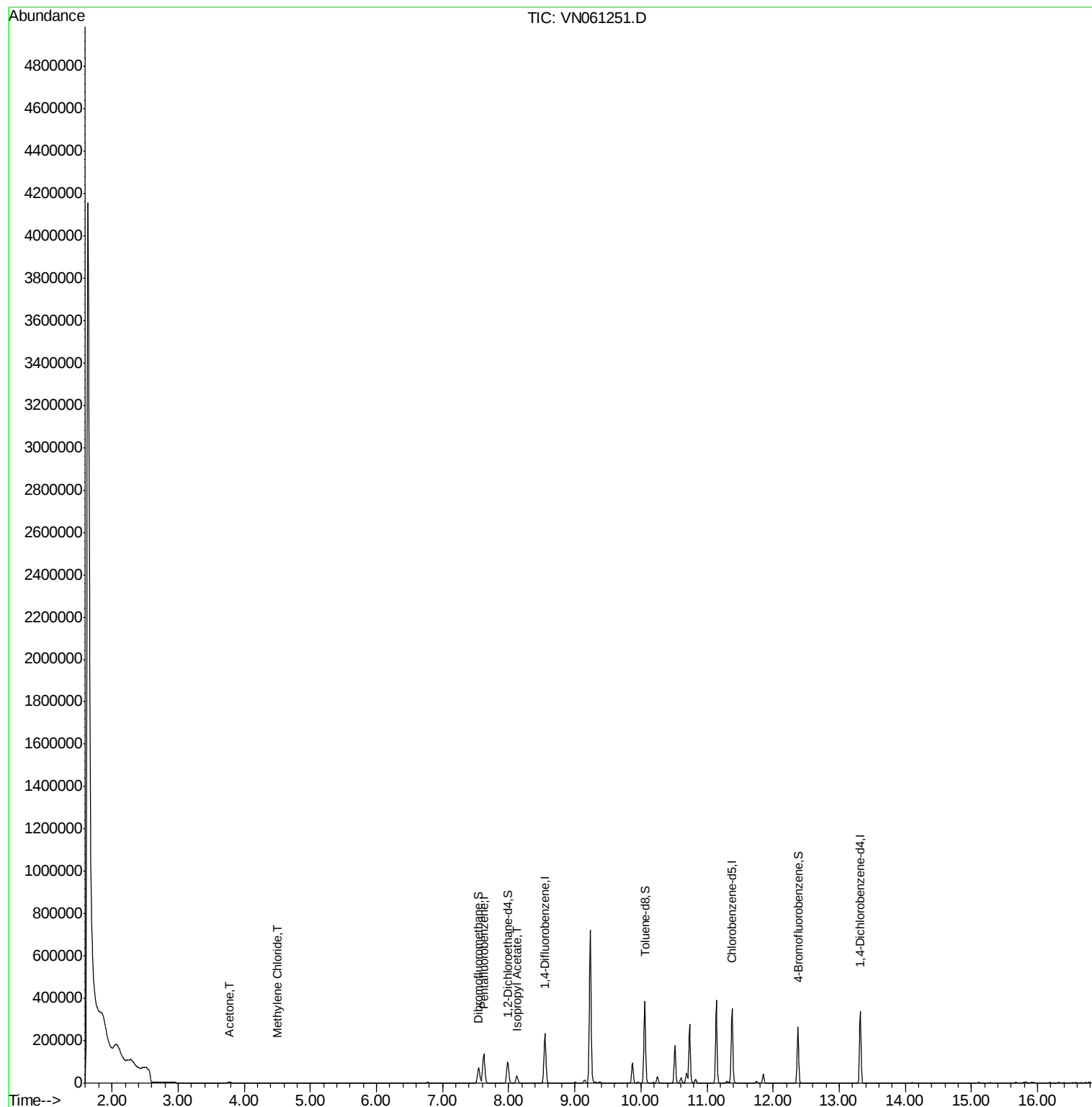
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	106461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	193921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	189607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	81705	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	87011	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
35) Dibromofluoromethane	7.54	113	55002	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
50) Toluene-d8	10.06	98	247071	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
62) 4-Bromofluorobenzene	12.37	95	90708	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
Target Compounds						
16) Acetone	3.78	43	9435	9.160	ug/l	99
20) Methylene Chloride	4.50	84	1528	1.163	ug/l	96
43) Isopropyl Acetate	8.12	43	41146	10.894	ug/l #	91

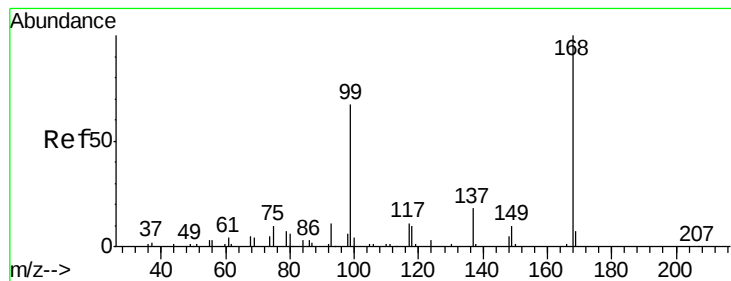
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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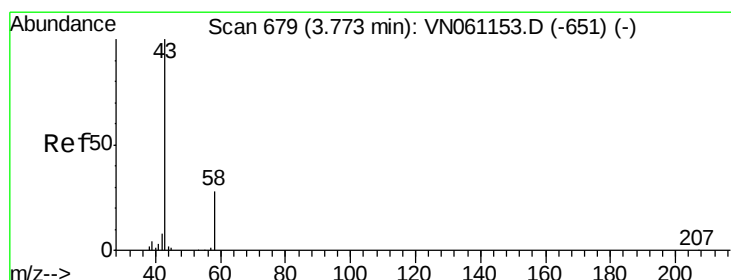
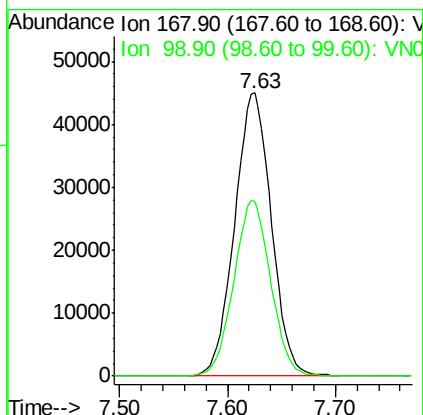
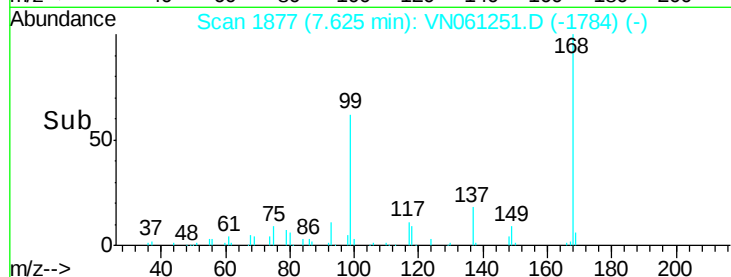
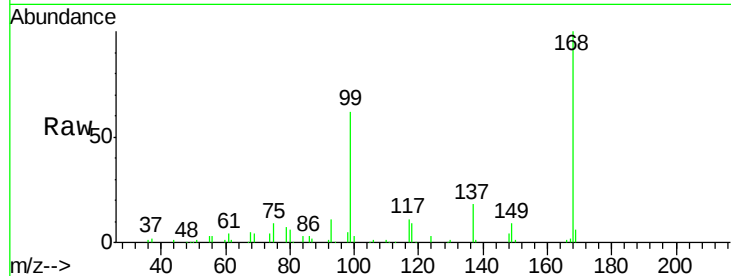


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VN061251.D
 Acq: 2 May 2020 4:39

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-043020

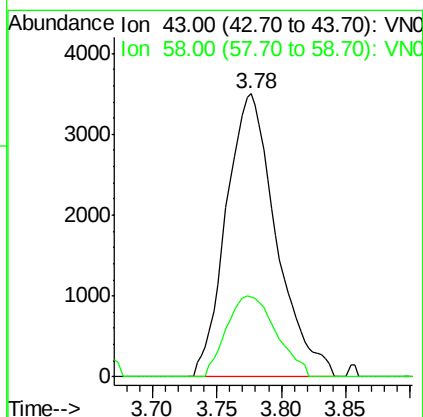
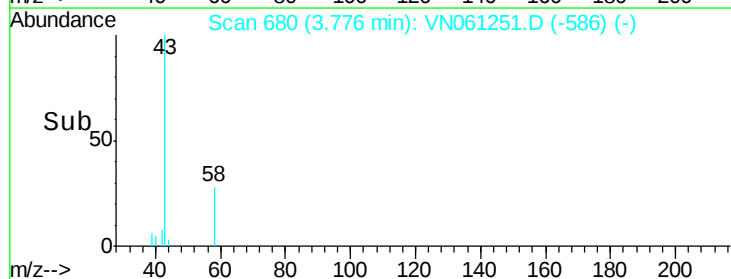
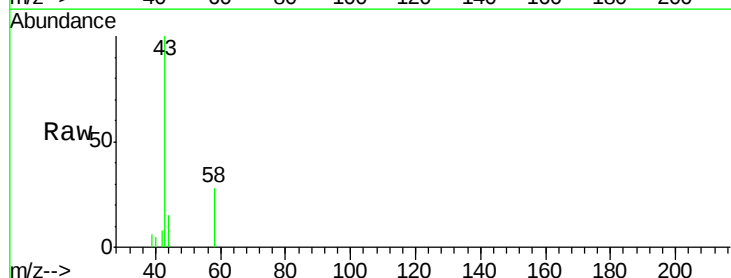
Tot Ion: 168 Resp: 106461
 Ion Ratio Lower Upper
 168 100
 99 61.8 51.2 76.8

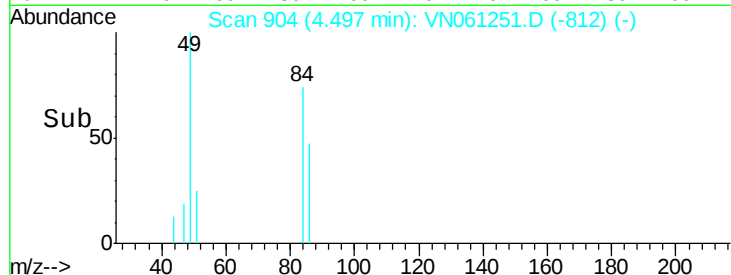
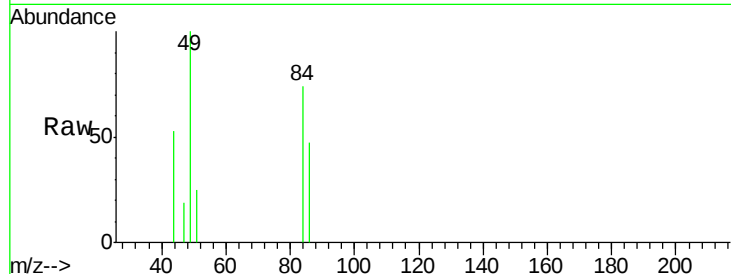


#16

Acetone
 Concen: 9.160 ug/l
 RT: 3.78 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: VN061251.D
 Acq: 2 May 2020 4:39

Tgt Ion: 43 Resp: 9435
 Ion Ratio Lower Upper
 43 100
 58 28.4 22.2 33.2

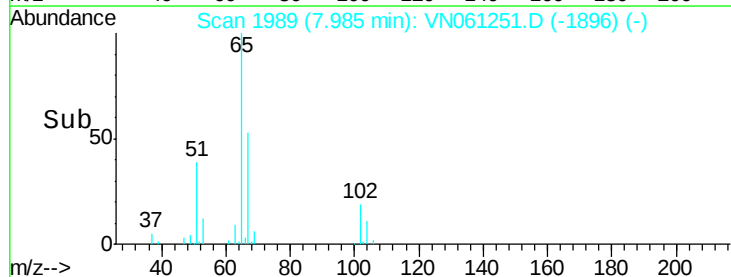
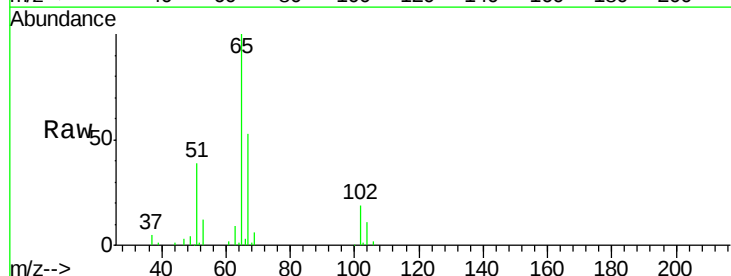
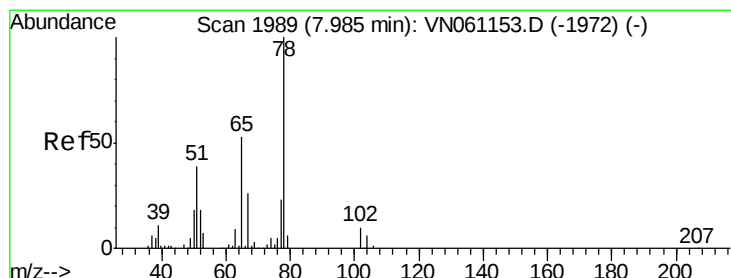
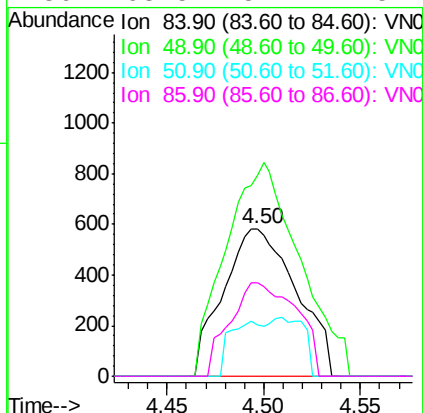




#20
Methvlene Chloride
Concen: 1.163 ug/l
RT: 4.50 min Scan# 904
Delta R.T. -0.00 min
Lab File: VN061251.D
Acq: 2 May 2020 4:39

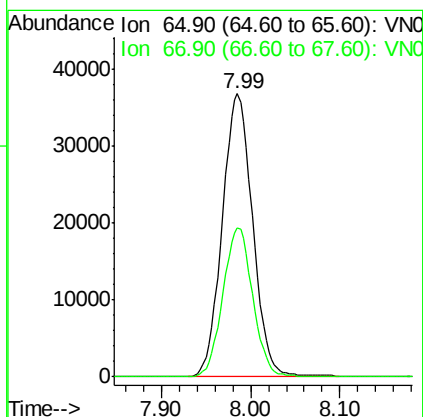
Instrument :
MSVOA_N
ClientSampleId :
SU-03-043020

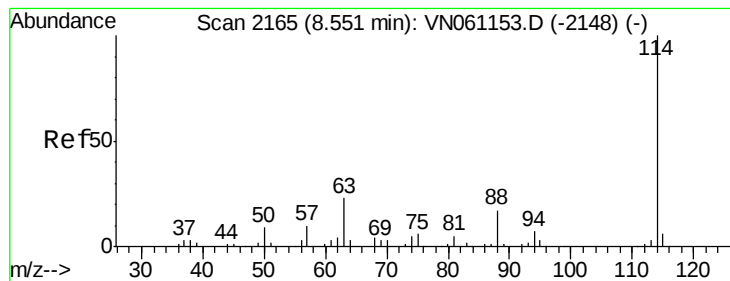
Tot Ion:	84	Resp:	1528
Ion	Ratio	Lower	Upper
84	100		
49	135.8	112.0	168.0
51	34.6	33.6	50.4
86	63.5	52.1	78.1



#33
1,2-Dichloroethane-d4
Concen: 51.653 ug/l
RT: 7.99 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN061251.D
Acq: 2 May 2020 4:39

Tgt Ion:	65	Resp:	87011
Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2164

Delta R.T. -0.00 min

Lab File: VN061251.D

Acq: 2 May 2020 4:39

Instrument :

MSVOA_N

ClientSampleId :

SU-03-043020

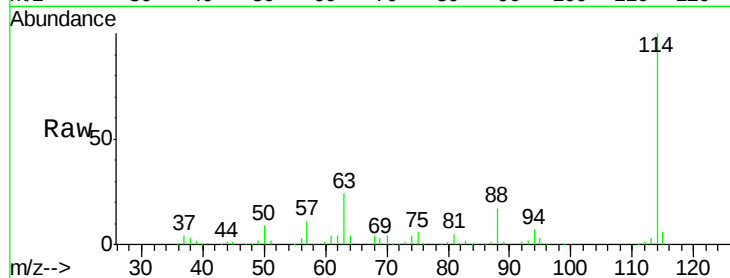
Tot Ion:114 Resp: 193921

Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.6

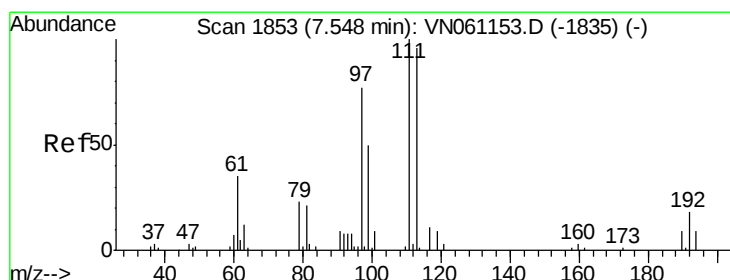
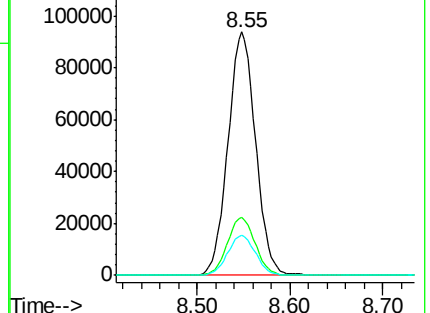
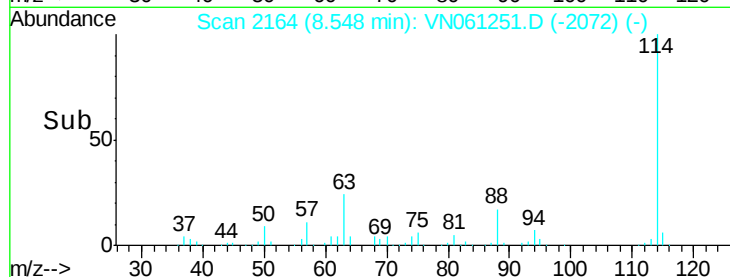
88 16.6 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 47.965 ug/l

RT: 7.54 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VN061251.D

Acq: 2 May 2020 4:39

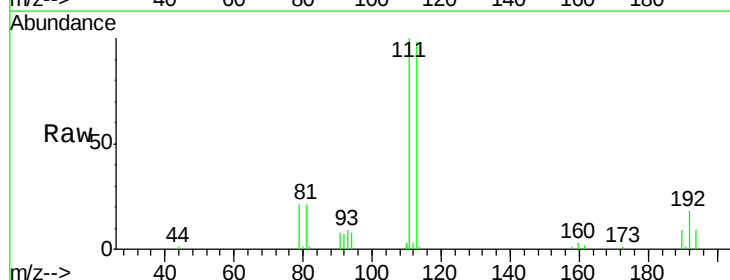
Tgt Ion:113 Resp: 55002

Ion Ratio Lower Upper

113 100

111 104.0 82.9 124.3

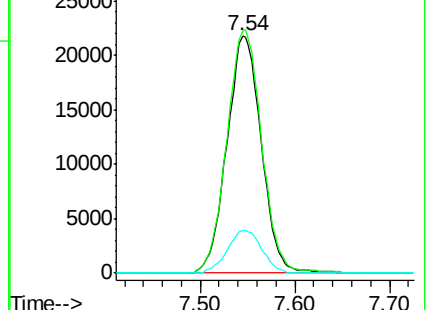
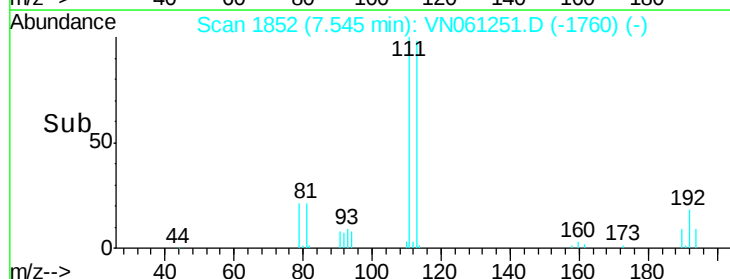
192 18.0 14.7 22.1

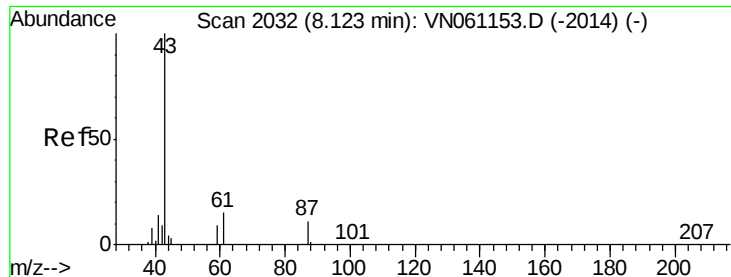


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.894 ug/l

RT: 8.12 min Scan# 2032

Delta R.T. 0.00 min

Lab File: VN061251.D

Acq: 2 May 2020 4:39

Instrument :

MSVOA_N

ClientSampleId :

SU-03-043020

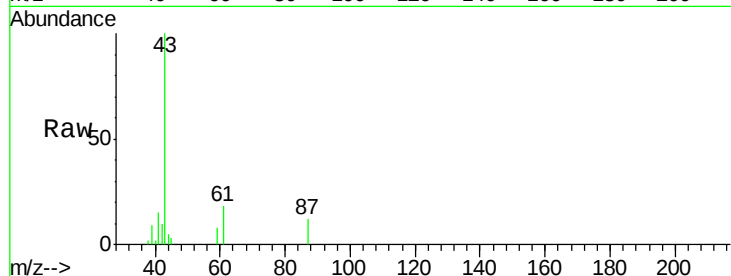
Tot Ion: 43 Resp: 41146

Ion Ratio Lower Upper

43 100

61 17.9 19.5 29.3#

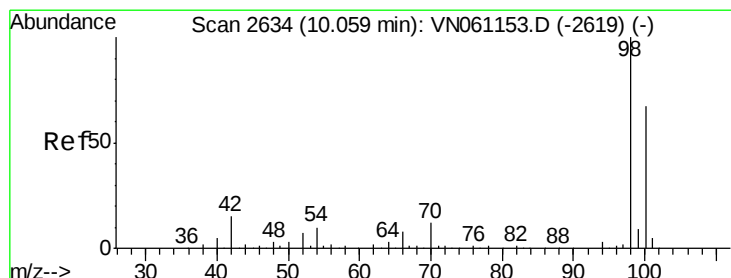
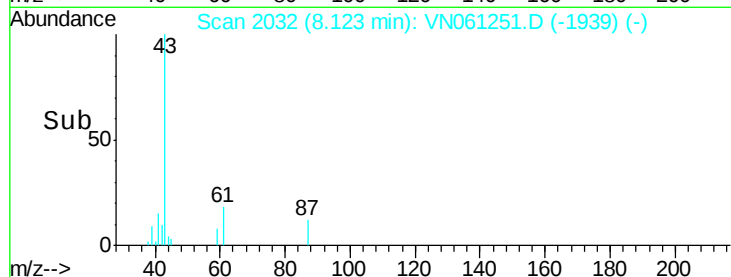
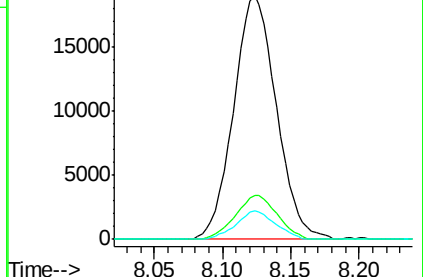
87 10.7 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2014) (-)

Ion 61.00 (60.70 to 61.70): VN061153.D (-2014) (-)

Ion 87.00 (86.70 to 87.70): VN061153.D (-2014) (-)



#50

Toluene-d8

Concen: 52.854 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061251.D

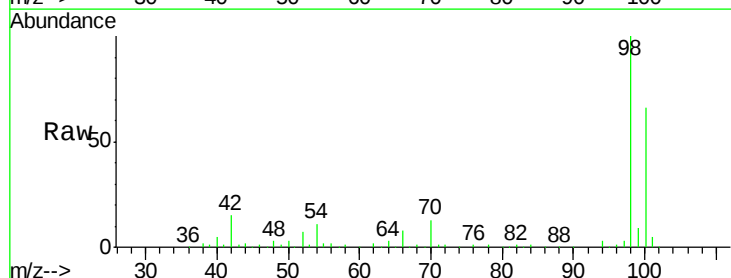
Acq: 2 May 2020 4:39

Tgt Ion: 98 Resp: 247071

Ion Ratio Lower Upper

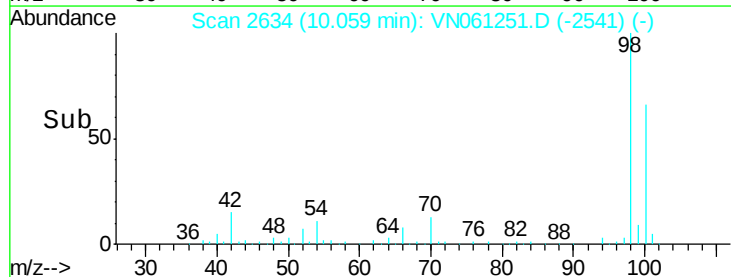
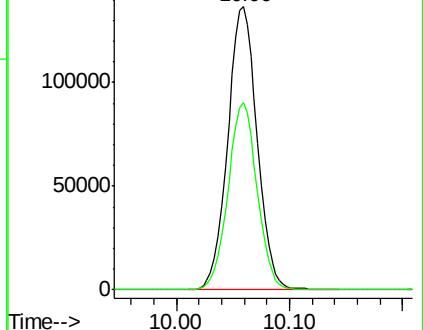
98 100

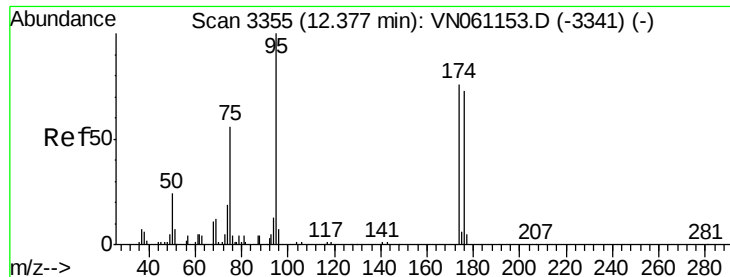
100 65.5 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN061153.D (-2619) (-)

Ion 100.00 (99.70 to 100.70): VN061153.D (-2619) (-)





#62

4-Bromofluorobenzene

Concen: 51.565 ug/l

RT: 12.37 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN061251.D

Acq: 2 May 2020 4:39

Instrument :

MSVOA_N

ClientSampleId :

SU-03-043020

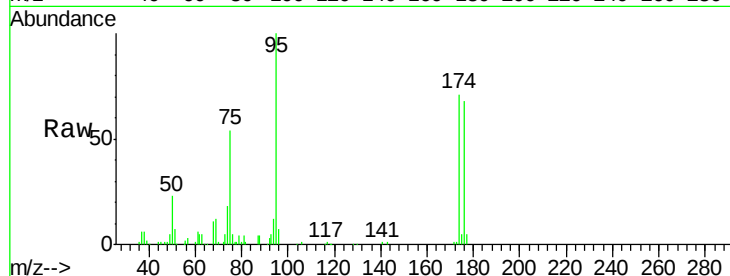
Tot Ion: 95 Resp: 90708

Ion Ratio Lower Upper

95 100

174 71.7 0.0 149.4

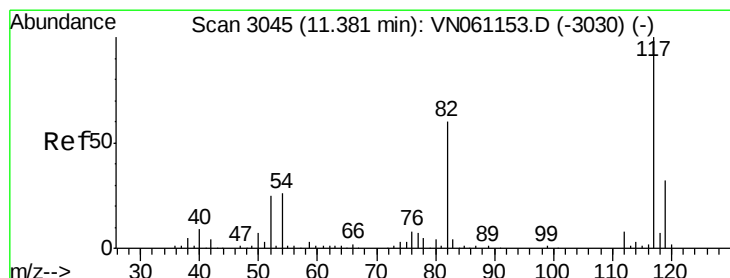
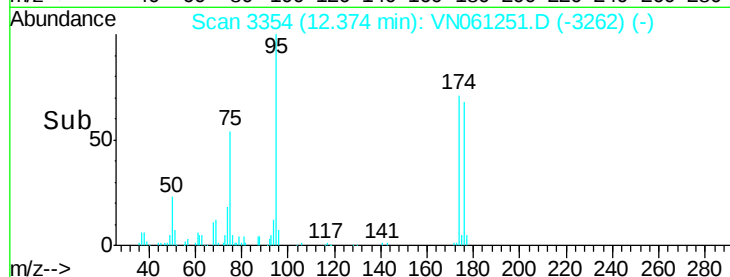
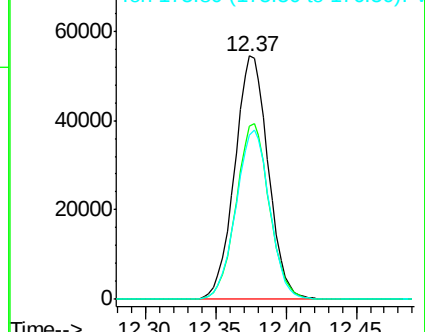
176 69.8 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061153.D (-3341) (-)

Ion 173.80 (173.50 to 174.50): VN061153.D (-3341) (-)

Ion 175.80 (175.50 to 176.50): VN061153.D (-3341) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3044

Delta R.T. -0.00 min

Lab File: VN061251.D

Acq: 2 May 2020 4:39

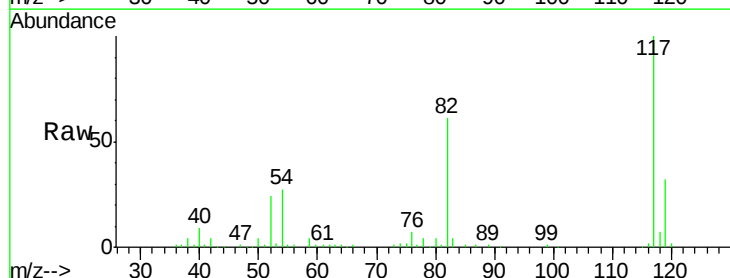
Tgt Ion: 117 Resp: 189607

Ion Ratio Lower Upper

117 100

82 60.9 47.8 71.8

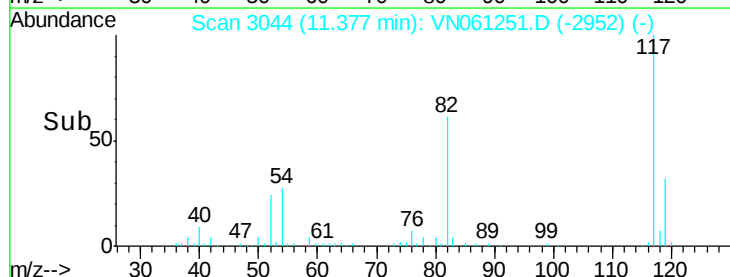
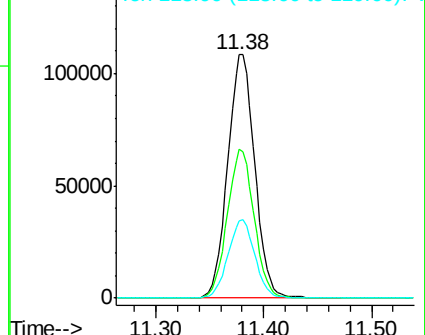
119 31.7 25.8 38.6

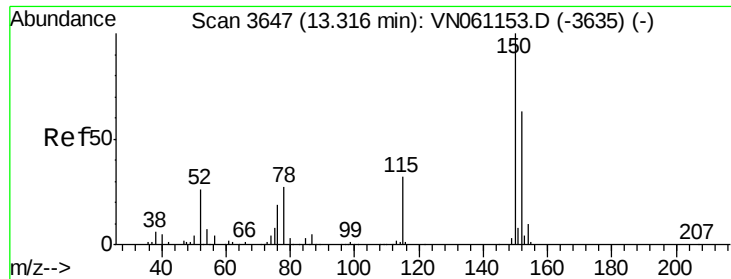


Abundance Ion 116.90 (116.60 to 117.60): VN061153.D (-3030) (-)

Ion 82.00 (81.70 to 82.70): VN061153.D (-3030) (-)

Ion 118.90 (118.60 to 119.60): VN061153.D (-3030) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3647

Delta R.T. 0.00 min

Lab File: VN061251.D

Acq: 2 May 2020 4:39

Instrument :

MSVOA_N

ClientSampleId :

SU-03-043020

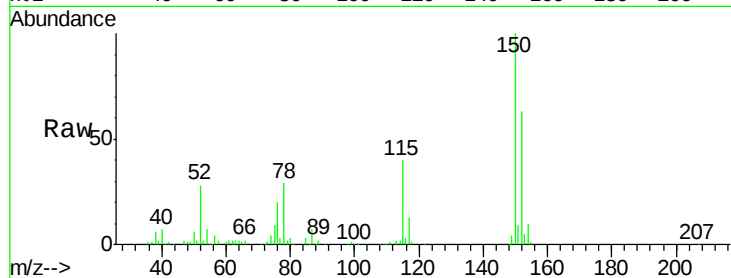
Tot Ion:152 Resp: 81705

Ion Ratio Lower Upper

152 100

115 63.0 31.0 93.0

150 157.6 0.0 351.8



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

