

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050420\
 Data File : VN061273.D
 Acq On : 4 May 2020 13:20
 Operator : JC/MD
 Sample : L2467-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS040MW015-200428

Quant Time: May 05 04:37:19 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

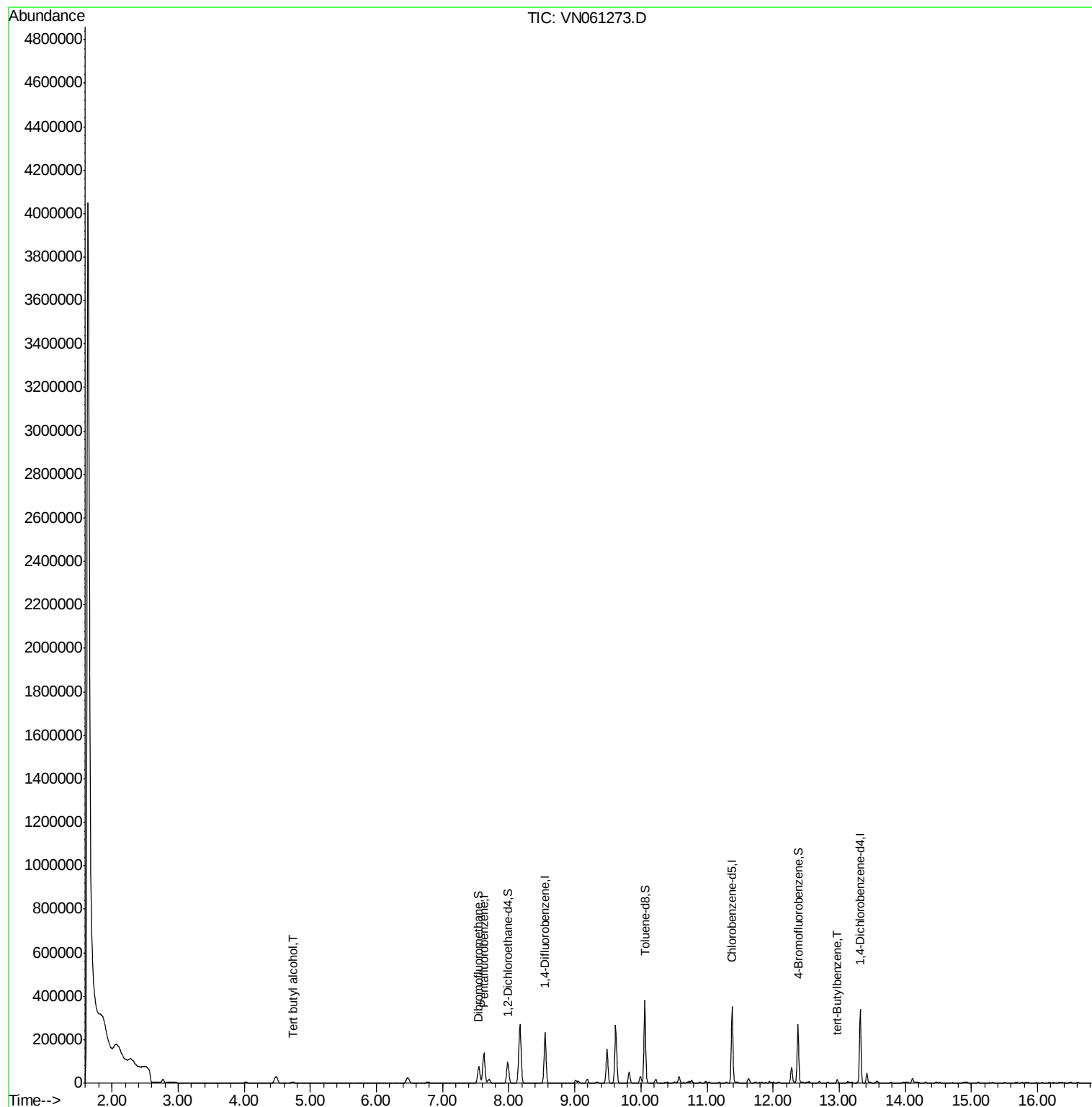
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	105908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	195005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	186253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82091	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	85276	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
35) Dibromofluoromethane	7.55	113	56867	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
50) Toluene-d8	10.06	98	247183	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
62) 4-Bromofluorobenzene	12.37	95	92491	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.58%	
Target Compounds						
11) Tert butyl alcohol	4.73	59	7795	34.724	ug/l #	84
83) tert-Butylbenzene	12.97	119	7613	1.808	ug/l	96

(#) = 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: VN061273.D

Acq: 4 May 2020 13:20

Instrument :

MSVOA_N

ClientSampleId :

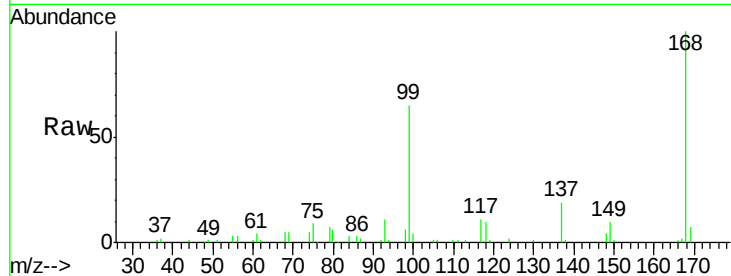
SS040MW015-200428

Tot Ion:168 Resp: 105908

Ion Ratio Lower Upper

168 100

99 64.8 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

50000

40000

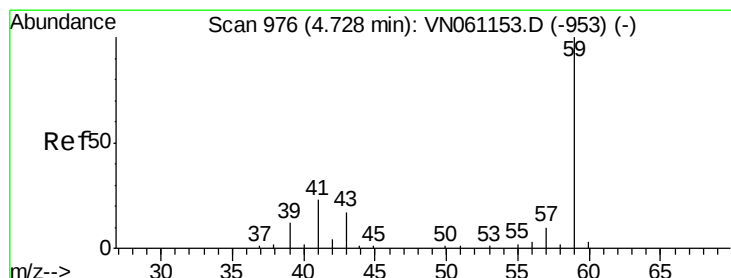
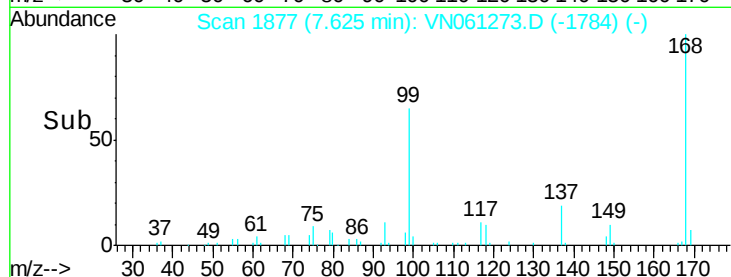
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#11

Tert butyl alcohol

Concen: 34.724 ug/l

RT: 4.73 min Scan# 977

Delta R.T. 0.00 min

Lab File: VN061273.D

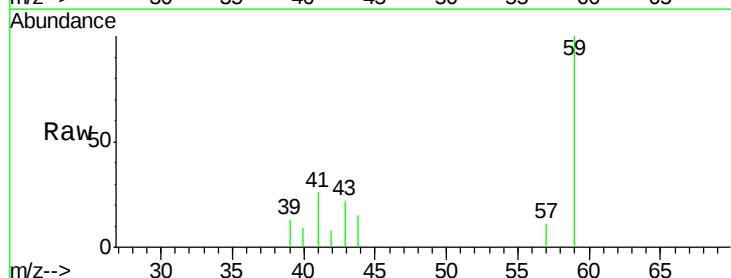
Acq: 4 May 2020 13:20

Tgt Ion: 59 Resp: 7795

Ion Ratio Lower Upper

59 100

57 4.6 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

2500

2000

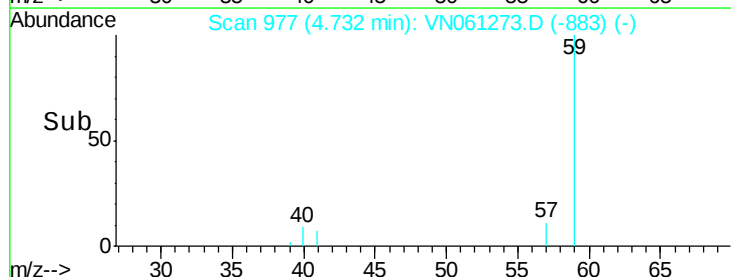
1500

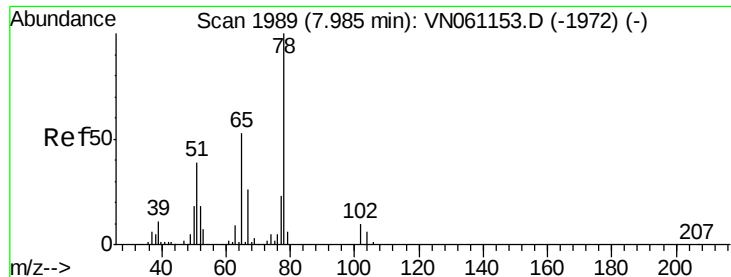
1000

500

0

Time--> 4.65 4.70 4.75 4.80

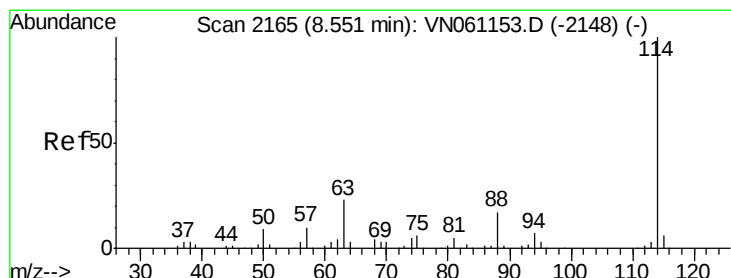
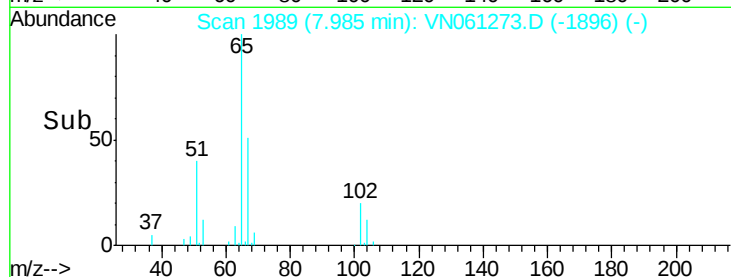
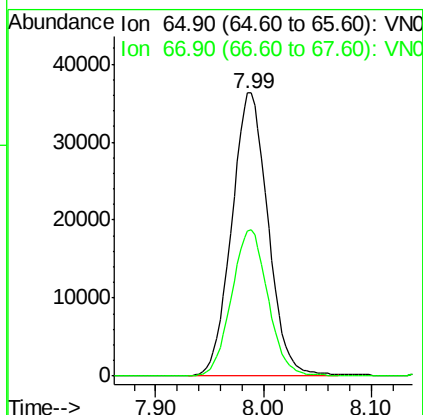
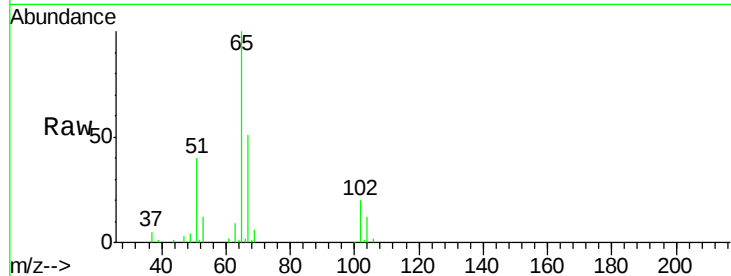




#33
 1,2-Dichloroethane-d4
 Concen: 50.887 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061273.D
 Acq: 4 May 2020 13:20

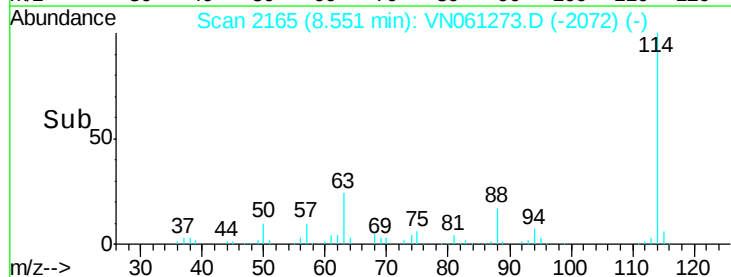
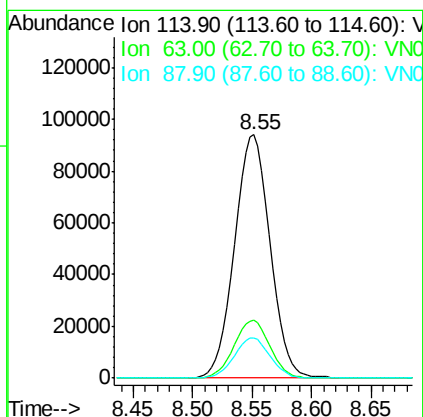
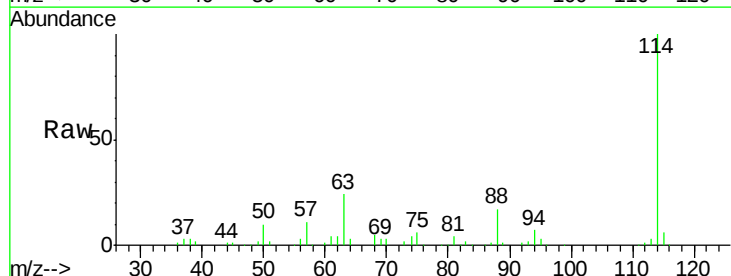
Instrument :
 MSVOA_N
 ClientSampleId :
 SS040MW015-200428

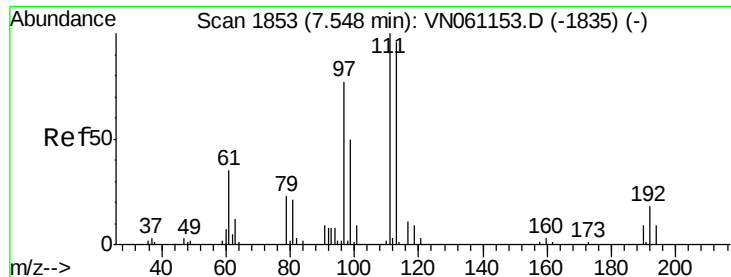
Tot Ion: 65 Resp: 85276
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061273.D
 Acq: 4 May 2020 13:20

Tgt Ion: 114 Resp: 195005
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 46.6
 88 16.7 0.0 33.4

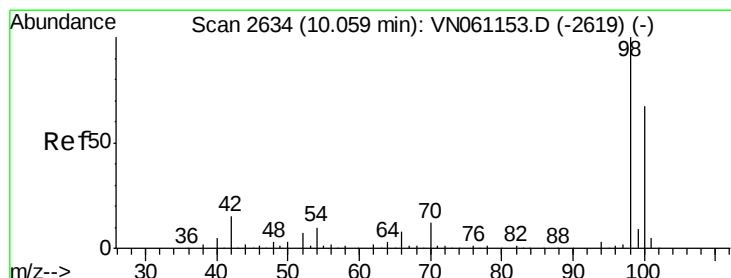
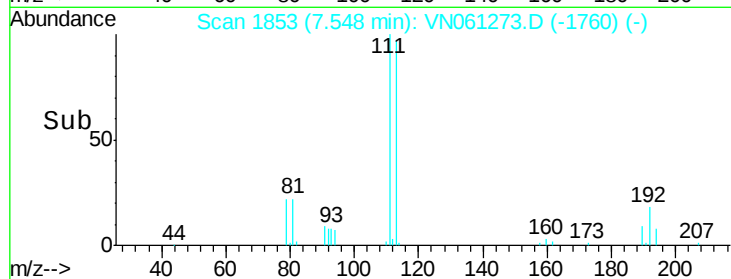
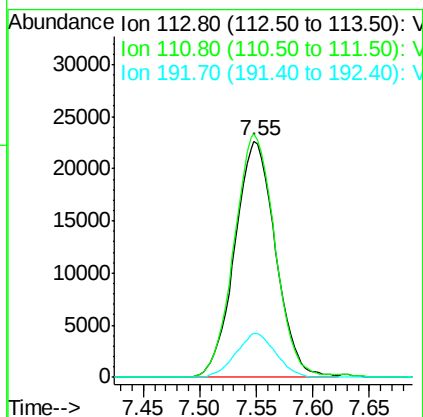
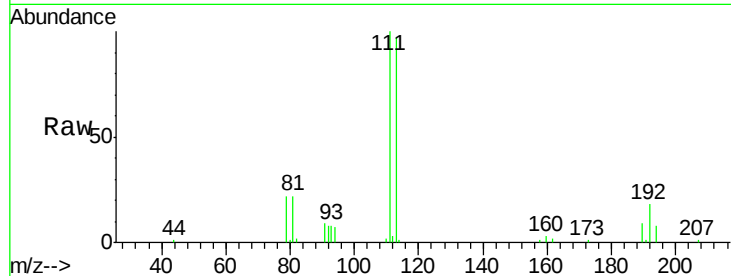




#35
 Dibromofluoromethane
 Concen: 49.316 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061273.D
 Acq: 4 May 2020 13:20

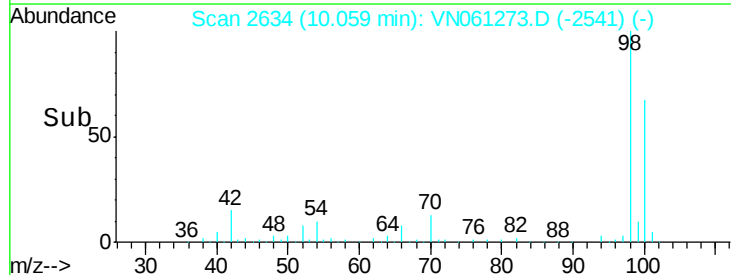
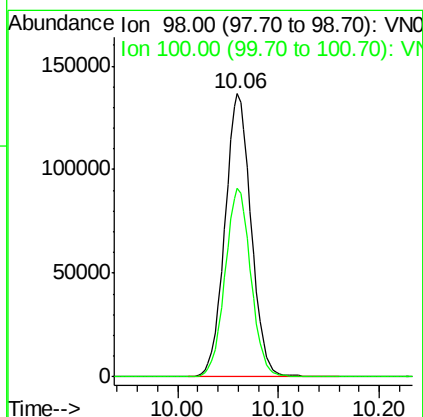
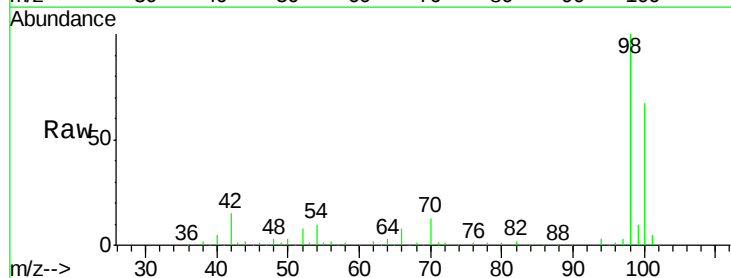
Instrument :
 MSVOA_N
 ClientSampleId :
 SS040MW015-200428

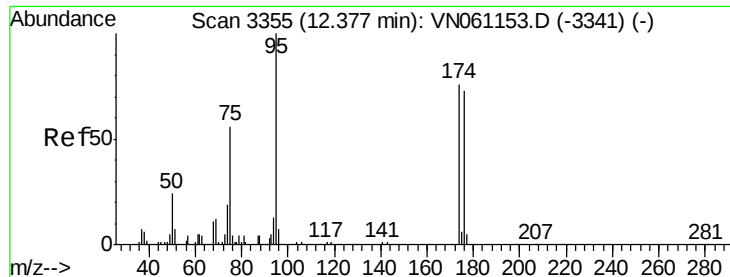
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.9	124.3
192	18.1	14.7	22.1



#50
 Toluene-d8
 Concen: 52.584 ug/l
 RT: 10.06 min Scan# 2634
 Delta R.T. 0.00 min
 Lab File: VN061273.D
 Acq: 4 May 2020 13:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.4	80.0





#62

4-Bromofluorobenzene

Concen: 52.286 ug/l

RT: 12.37 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN061273.D

Acq: 4 May 2020 13:20

Instrument :

MSVOA_N

ClientSampleId :

SS040MW015-200428

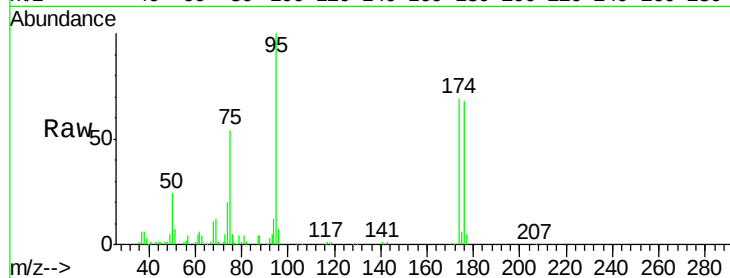
Tot Ion: 95 Resp: 92491

Ion Ratio Lower Upper

95 100

174 71.8 0.0 149.4

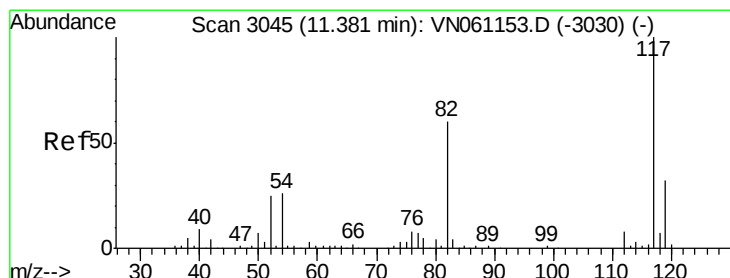
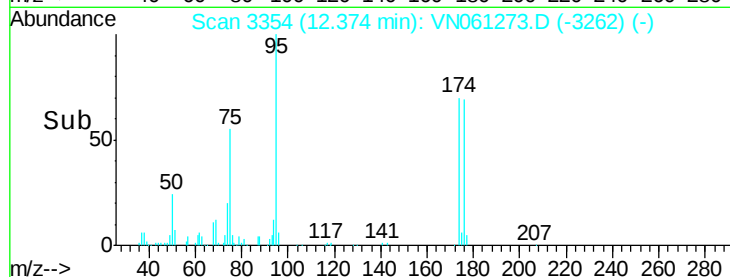
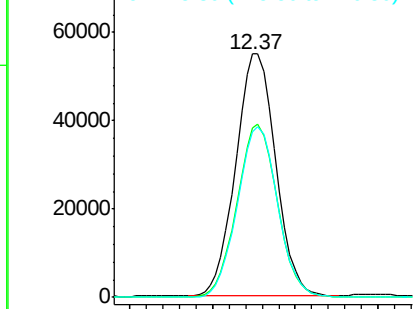
176 70.9 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061273.D (-3262) (-)

Ion 173.80 (173.50 to 174.50): VN061273.D (-3262) (-)

Ion 175.80 (175.50 to 176.50): VN061273.D (-3262) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061273.D

Acq: 4 May 2020 13:20

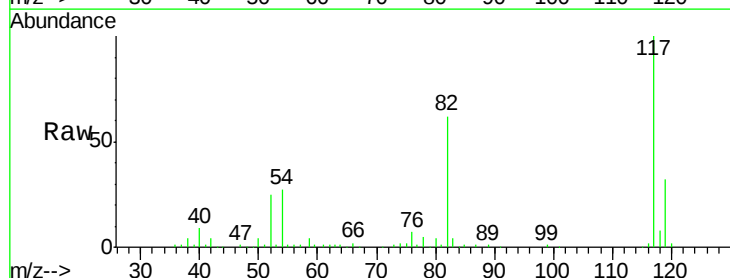
Tgt Ion: 117 Resp: 186253

Ion Ratio Lower Upper

117 100

82 61.6 47.8 71.8

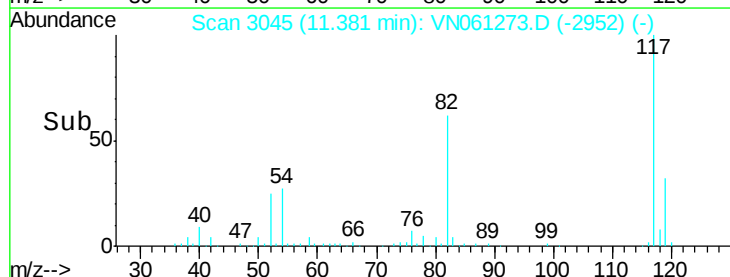
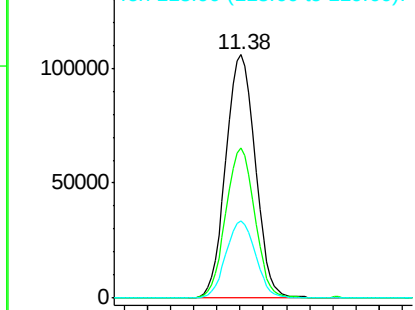
119 31.5 25.8 38.6

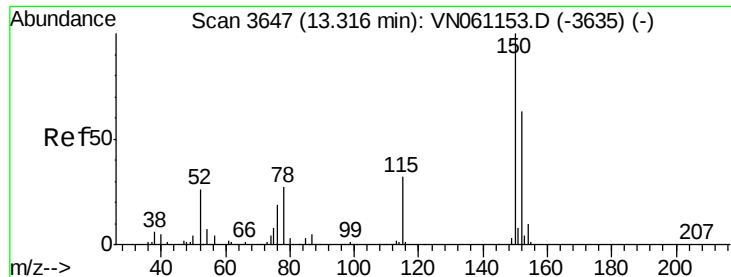


Abundance Ion 116.90 (116.60 to 117.60): VN061273.D (-2952) (-)

Ion 82.00 (81.70 to 82.70): VN061273.D (-2952) (-)

Ion 118.90 (118.60 to 119.60): VN061273.D (-2952) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3647

Delta R.T. 0.00 min

Lab File: VN061273.D

Acq: 4 May 2020 13:20

Instrument :

MSVOA_N

ClientSampleId :

SS040MW015-200428

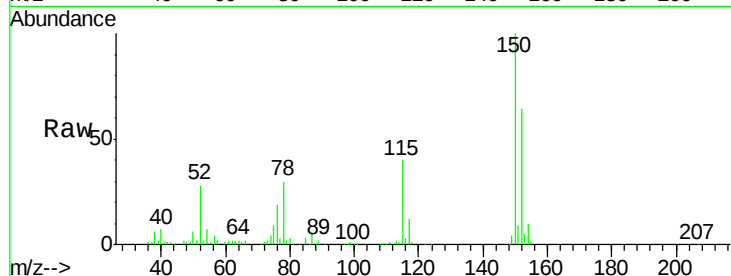
Tot Ion:152 Resp: 82091

Ion Ratio Lower Upper

152 100

115 63.0 31.0 93.0

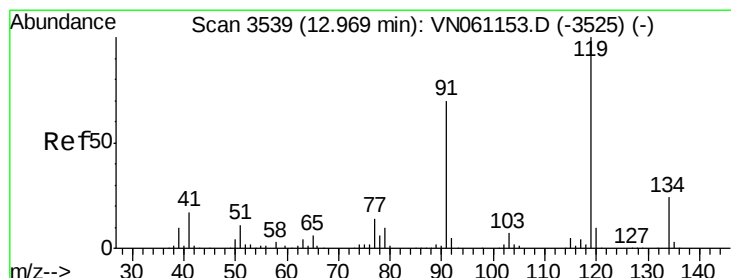
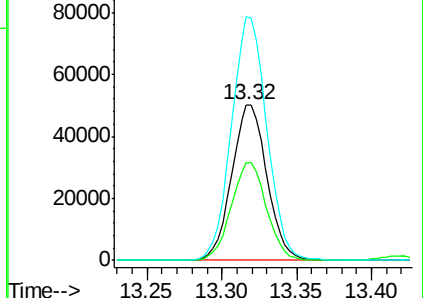
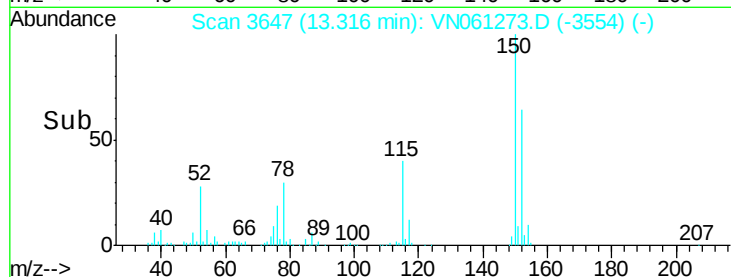
150 157.4 0.0 351.8



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



#83

tert-Butylbenzene

Concen: 1.808 ug/l

RT: 12.97 min Scan# 3539

Delta R.T. 0.00 min

Lab File: VN061273.D

Acq: 4 May 2020 13:20

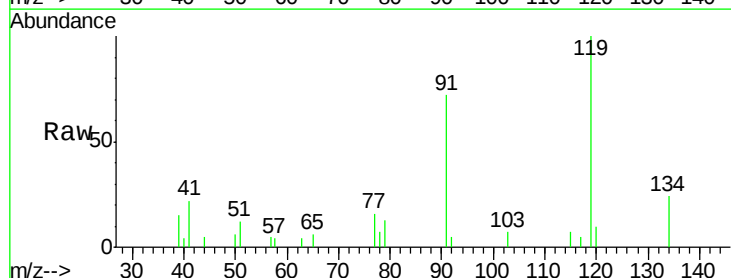
Tgt Ion:119 Resp: 7613

Ion Ratio Lower Upper

119 100

91 72.1 34.8 104.4

134 23.1 12.9 38.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V

