

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061262.D
 Acq On : 2 May 2020 8:54
 Operator : JC/MD
 Sample : L2467-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS040MW319-200428

Quant Time: May 04 08:34:50 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

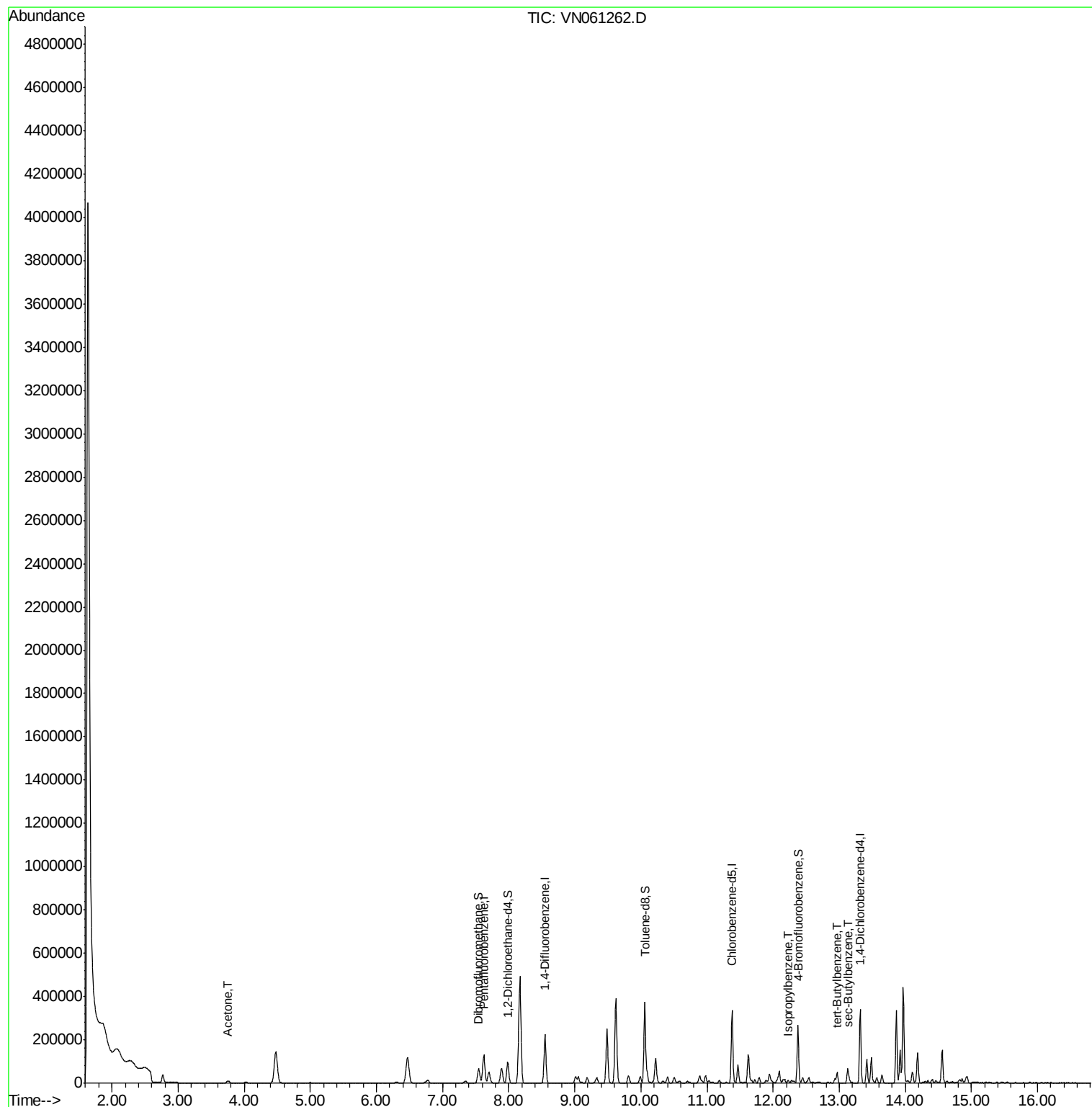
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	100207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	185739	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	180890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	83550	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	82336	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
35) Dibromofluoromethane	7.55	113	51251	46.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.32%	
50) Toluene-d8	10.06	98	237638	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
62) 4-Bromofluorobenzene	12.37	95	88787	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
Target Compounds						
16) Acetone	3.76	43	7845	7.433	ug/l #	65
73) Isopropylbenzene	12.23	105	4330	0.705	ug/l	95
83) tert-Butylbenzene	12.97	119	21617	5.043	ug/l	96
85) sec-Butylbenzene	13.15	105	15537	2.659	ug/l #	1

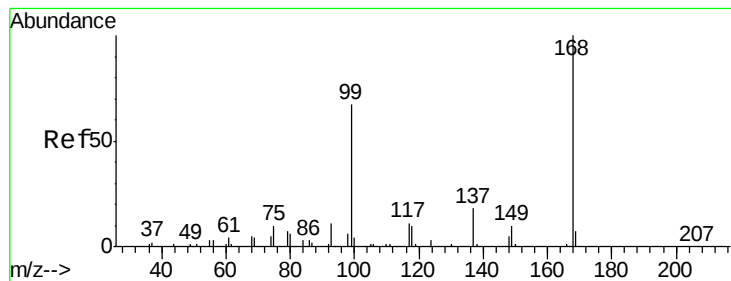
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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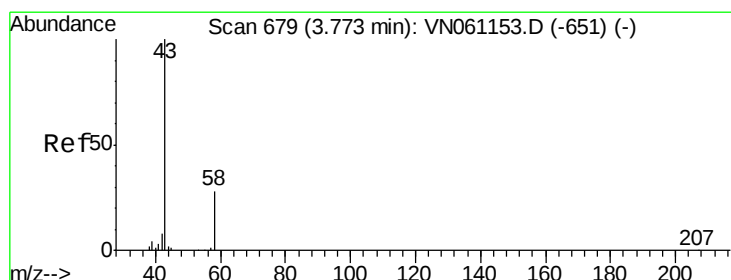
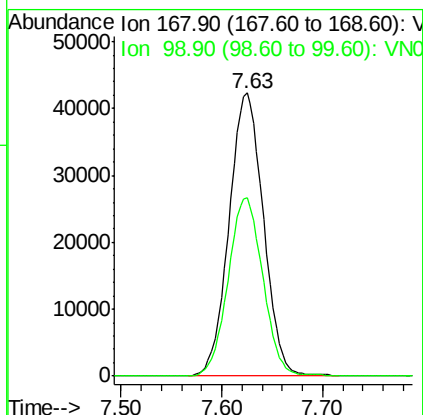
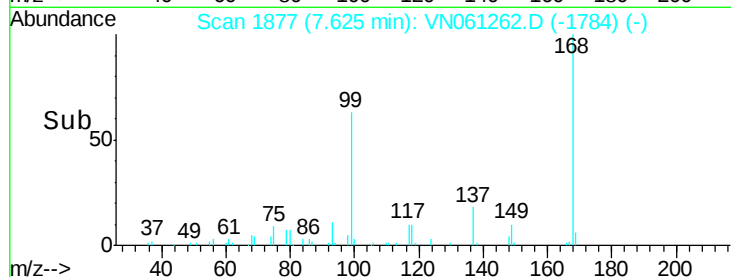
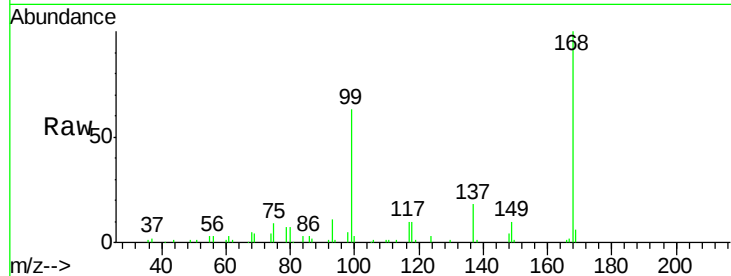


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VN061262.D
Acq: 2 May 2020 8:54

Instrument :
MSVOA_N
ClientSampleId :
SS040MW319-200428

Tot Ion: 168 Resp: 100207

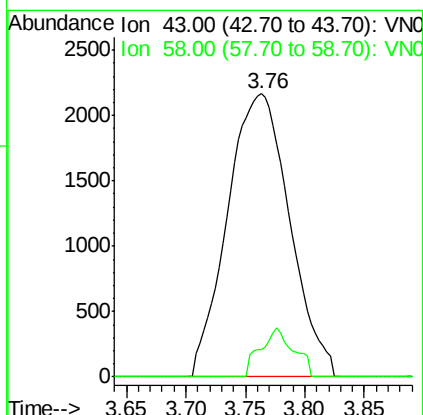
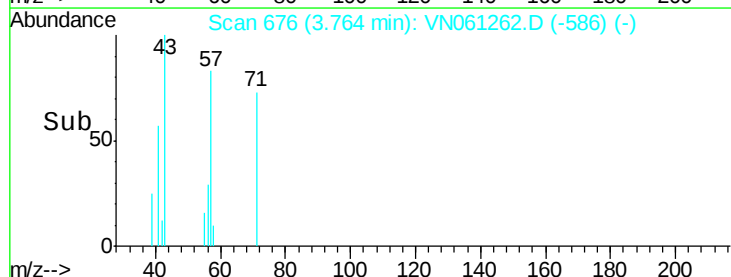
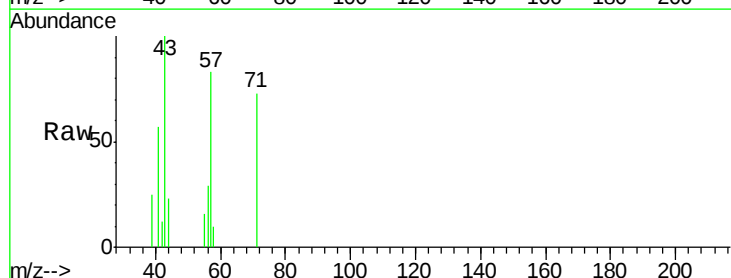
Ion	Ratio	Lower	Upper
168	100		
99	63.1	51.2	76.8

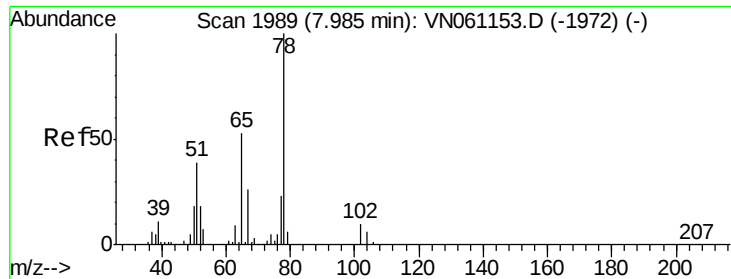


#16
Acetone
Concen: 7.433 ug/l
RT: 3.76 min Scan# 676
Delta R.T. -0.01 min
Lab File: VN061262.D
Acq: 2 May 2020 8:54

Tgt Ion: 43 Resp: 7845

Ion	Ratio	Lower	Upper
43	100		
58	9.6	22.2	33.2

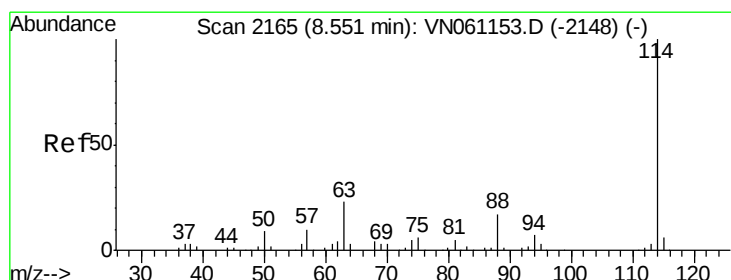
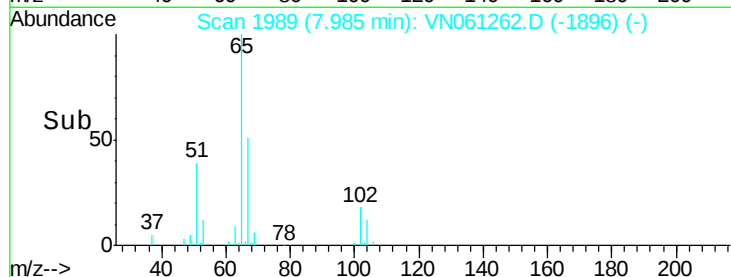
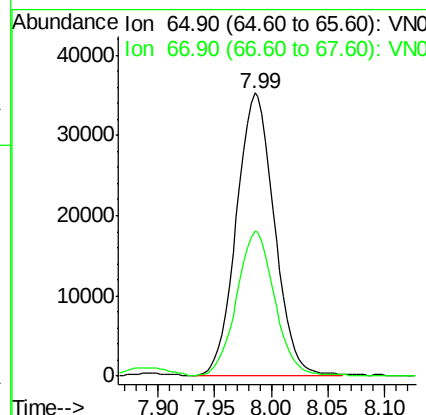
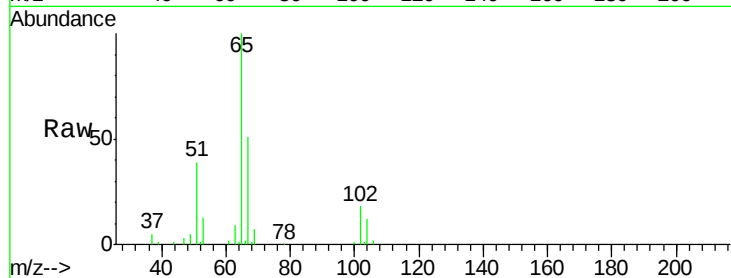




#33
 1,2-Dichloroethane-d4
 Concen: 51.928 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061262.D
 Acq: 2 May 2020 8:54

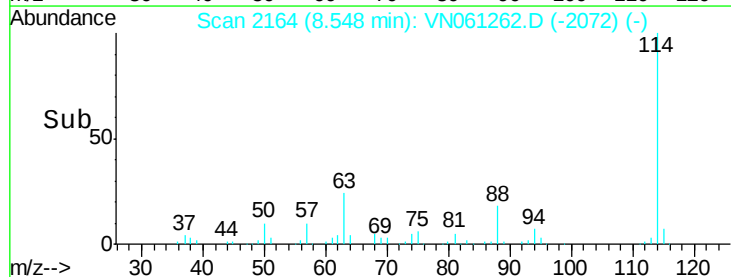
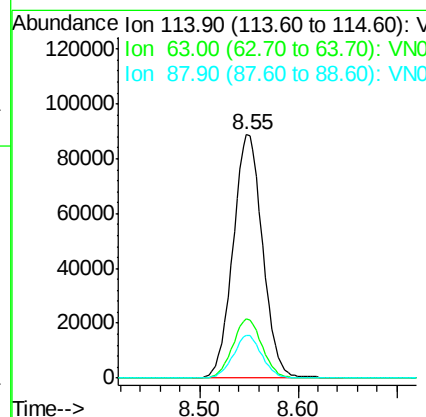
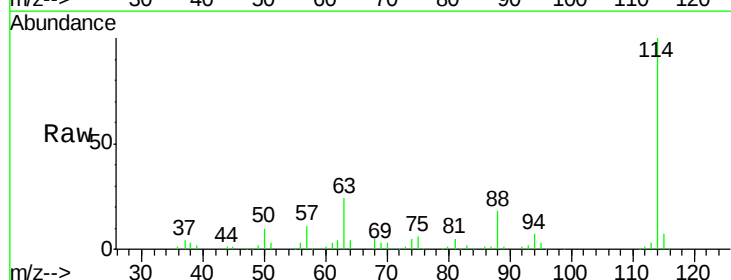
Instrument :
 MSVOA_N
 ClientSampleId :
 SS040MW319-200428

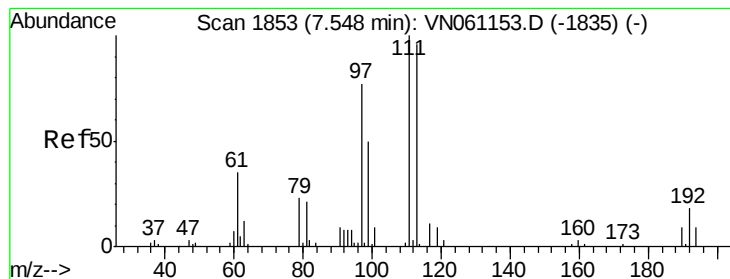
Tot Ion: 65 Resp: 82336
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061262.D
 Acq: 2 May 2020 8:54

Tgt Ion: 114 Resp: 185739
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 46.6
 88 17.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.663 ug/l

RT: 7.55 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VN061262.D

Acq: 2 May 2020 8:54

Instrument :

MSVOA_N

ClientSampleId :

SS040MW319-200428

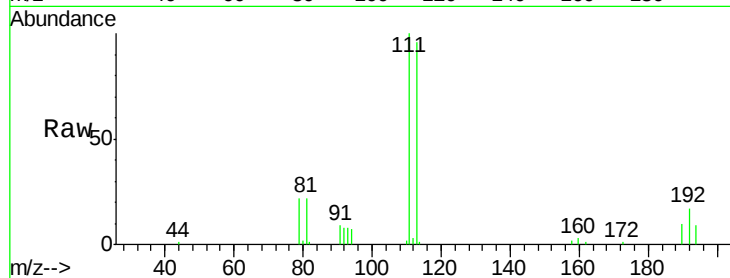
Tot Ion:113 Resp: 51251

Ion Ratio Lower Upper

113 100

111 105.5 82.9 124.3

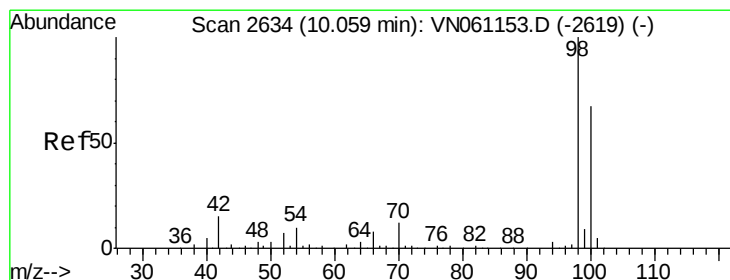
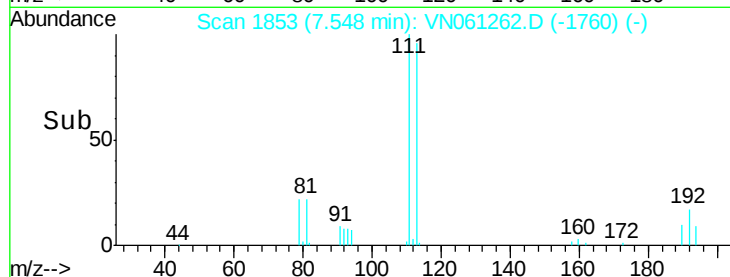
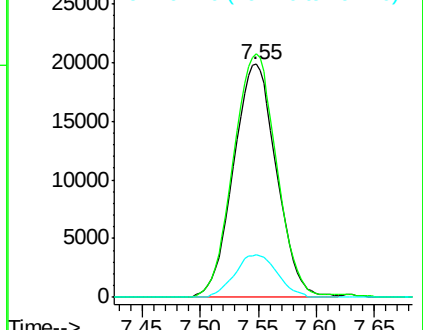
192 18.1 14.7 22.1



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



#50

Toluene-d8

Concen: 53.076 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061262.D

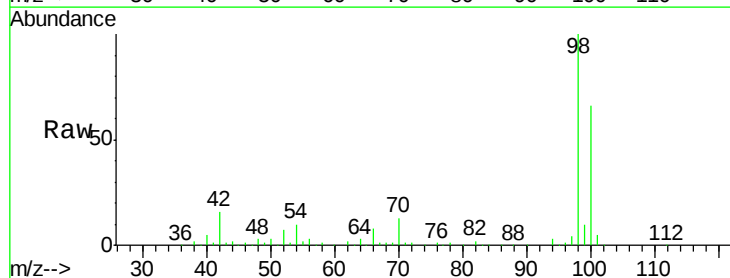
Acq: 2 May 2020 8:54

Tgt Ion: 98 Resp: 237638

Ion Ratio Lower Upper

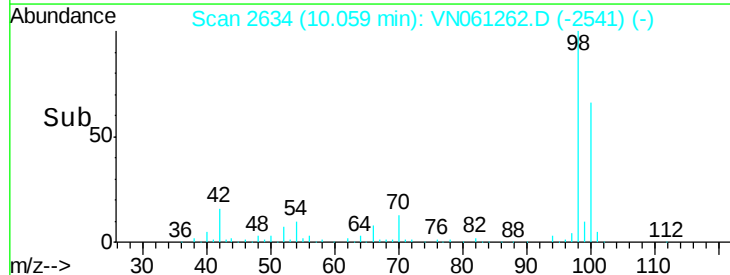
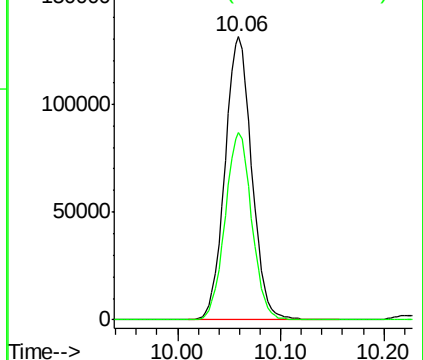
98 100

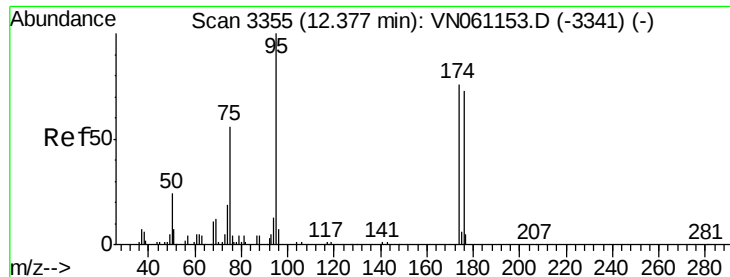
100 65.8 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 52.696 ug/l

RT: 12.37 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN061262.D

Acq: 2 May 2020 8:54

Instrument :

MSVOA_N

ClientSampleId :

SS040MW319-200428

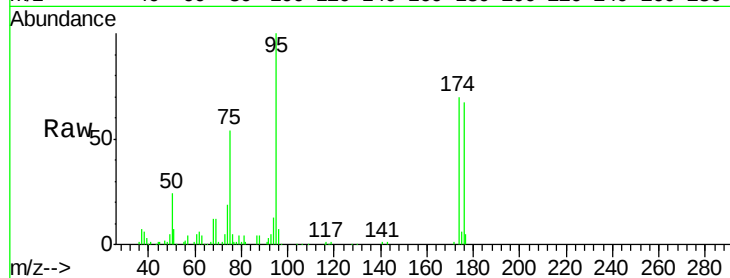
Tot Ion: 95 Resp: 88787

Ion Ratio Lower Upper

95 100

174 73.8 0.0 149.4

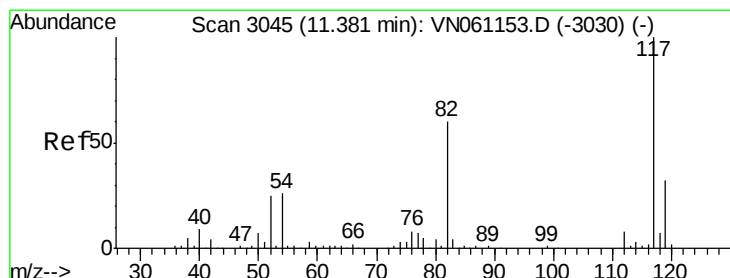
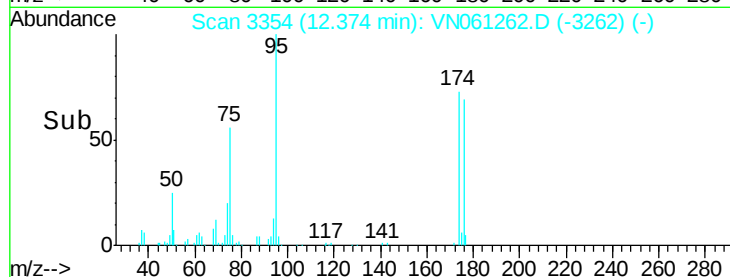
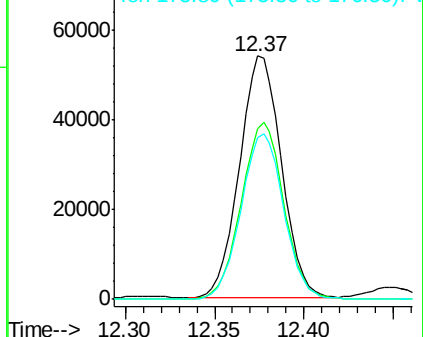
176 69.6 0.0 144.8



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: VN061262.D

Acq: 2 May 2020 8:54

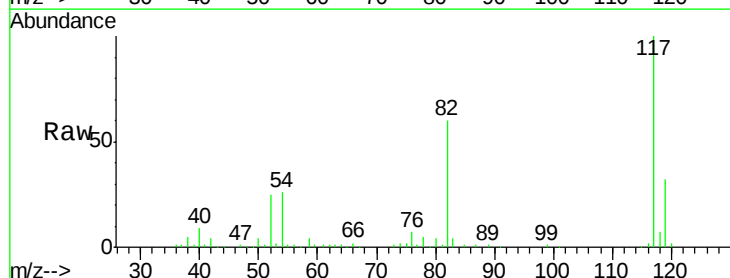
Tgt Ion: 117 Resp: 180890

Ion Ratio Lower Upper

117 100

82 59.9 47.8 71.8

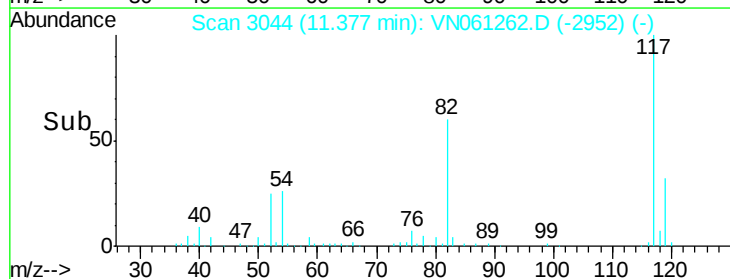
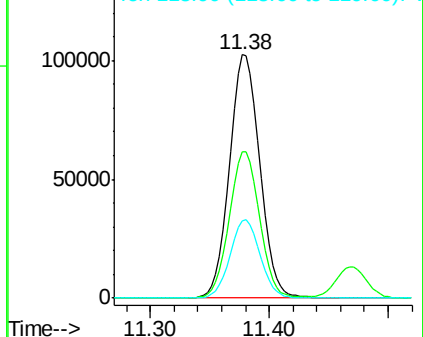
119 31.9 25.8 38.6

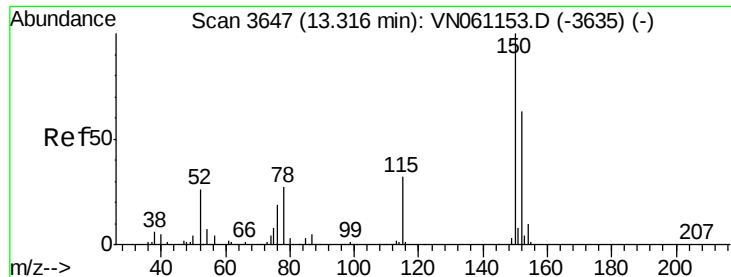


Abundance Ion 116.90 (116.60 to 117.60): VN061153.D (-3030) (-)

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: VN061262.D

Acq: 2 May 2020 8:54

Instrument :

MSVOA_N

ClientSampleId :

SS040MW319-200428

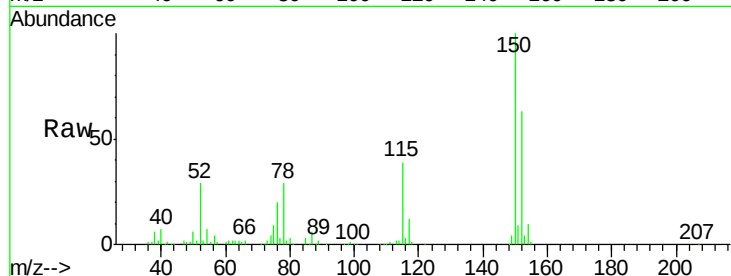
Tot Ion:152 Resp: 83550

Ion Ratio Lower Upper

152 100

115 62.3 31.0 93.0

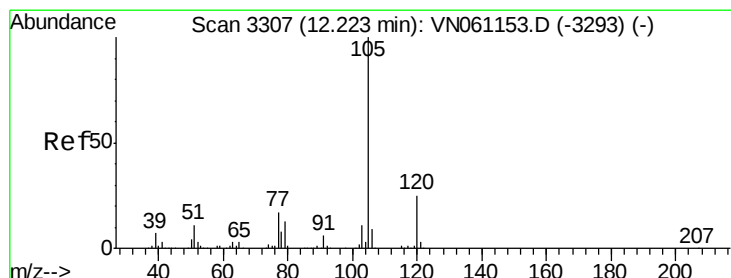
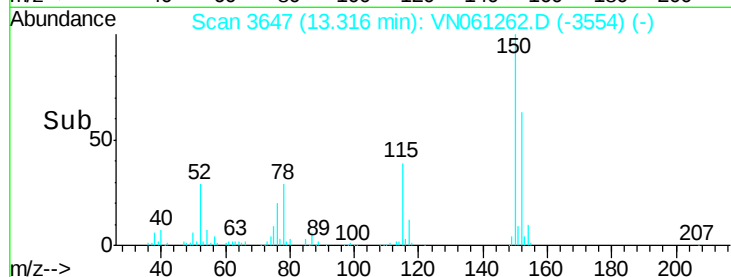
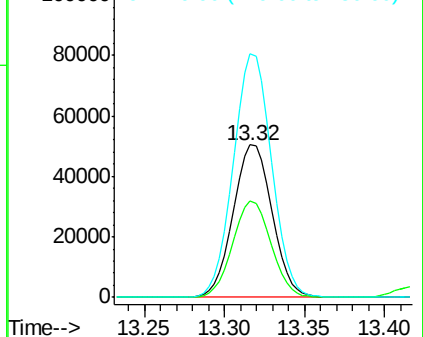
150 157.1 0.0 351.8



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



#73

Isopropylbenzene

Concen: 0.705 ug/l

RT: 12.23 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN061262.D

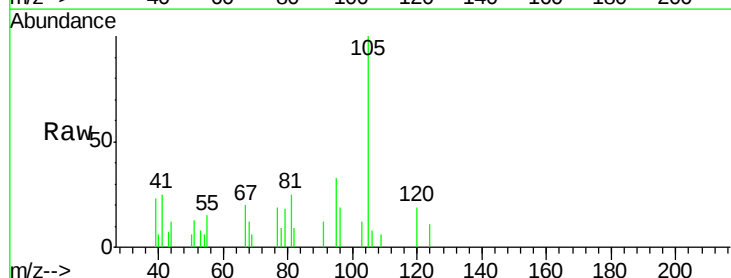
Acq: 2 May 2020 8:54

Tgt Ion:105 Resp: 4330

Ion Ratio Lower Upper

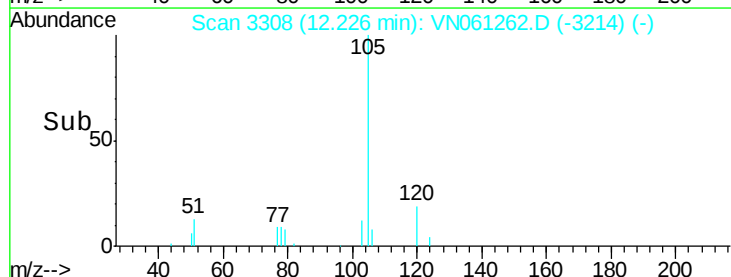
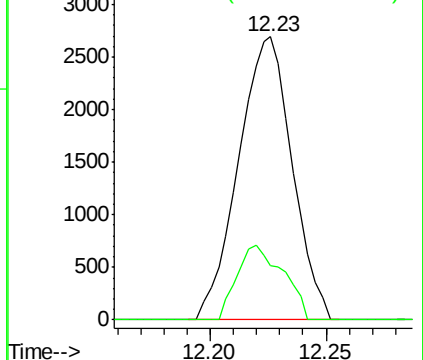
105 100

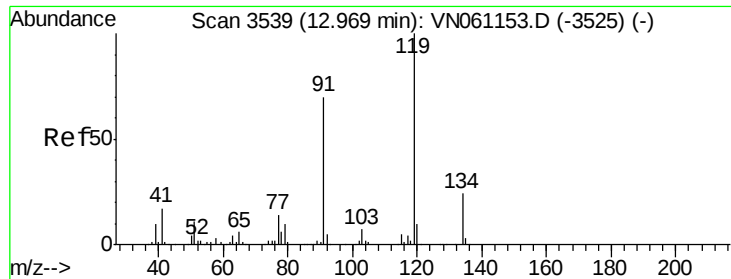
120 22.6 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

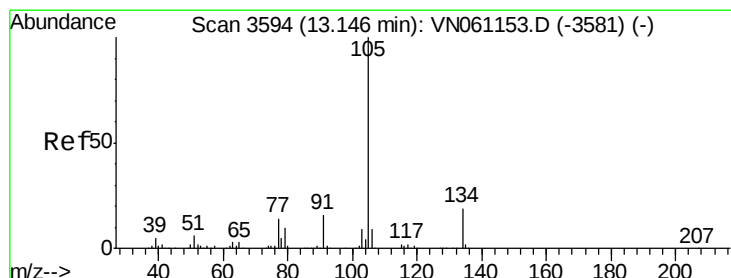
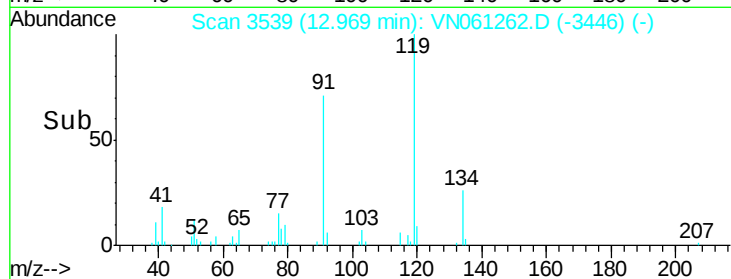
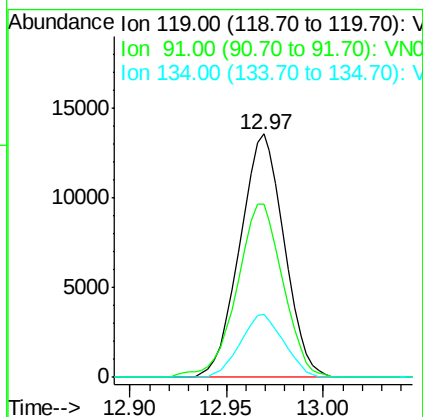
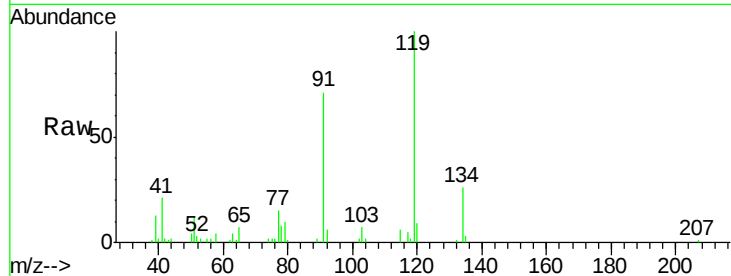




#83
tert-Butylbenzene
Concen: 5.043 ug/l
RT: 12.97 min Scan# 3539
Delta R.T. 0.00 min
Lab File: VN061262.D
Acq: 2 May 2020 8:54

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Tot Ion:119 Resp: 21617
Ion Ratio Lower Upper
119 100
91 74.0 34.8 104.4
134 25.4 12.9 38.7



#85
sec-Butylbenzene
Concen: 2.659 ug/l
RT: 13.15 min Scan# 3594
Delta R.T. 0.00 min
Lab File: VN061262.D
Acq: 2 May 2020 8:54

Tgt Ion:105 Resp: 15537
Ion Ratio Lower Upper
105 100
134 68.1 9.6 28.8#

