

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050520\
 Data File : VN061293.D
 Acq On : 5 May 2020 15:41
 Operator : JC/MD
 Sample : L2456-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 200

Quant Time: May 06 07:39:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	100841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	180894	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	173912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	77660	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	83027	52.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.06%	
35) Dibromofluoromethane	7.55	113	52034	48.64	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.28%	
50) Toluene-d8	10.06	98	226743	52.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.38	95	84932	51.76	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.52%	

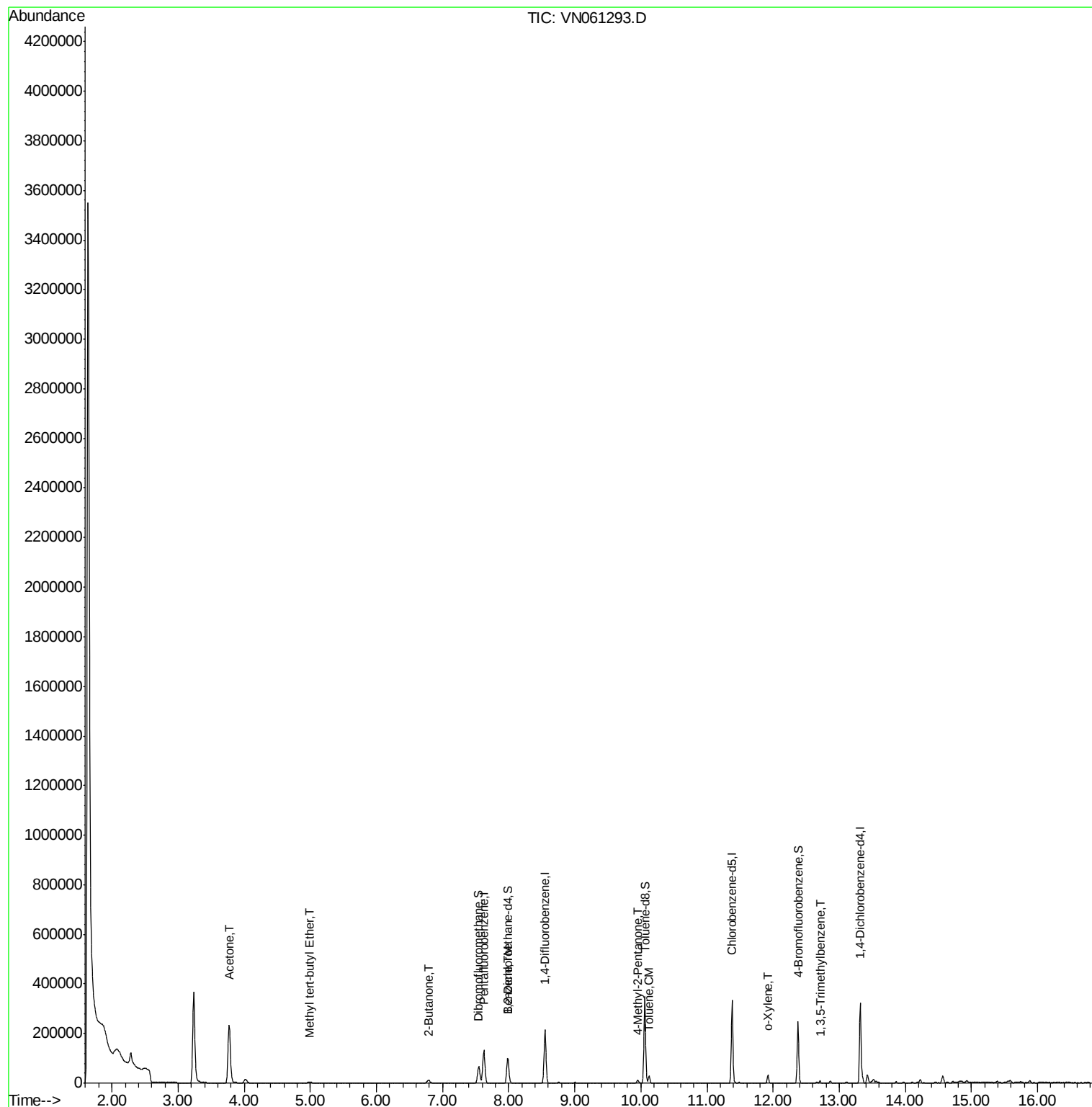
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.77	43	402172	660.790	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	7651	1.882	ug/l	99
25) 2-Butanone	6.79	43	19568	20.725	ug/l	99
40) Benzene	8.00	78	6994	1.296	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	9527	4.594	ug/l	96
52) Toluene	10.12	92	11410	3.511	ug/l	96
69) o-Xylene	11.92	106	8084	3.560	ug/l	92
80) 1,3,5-Trimethylbenzene	12.71	105	4781	1.012	ug/l	97

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050520\
Data File : VN061293.D
Acq On : 5 May 2020 15:41
Operator : JC/MD
Sample : L2456-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
200

Quant Time: May 06 07:39:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061293.D

Acq: 5 May 2020 15:41

Instrument :

MSVOA_N

ClientSampleId :

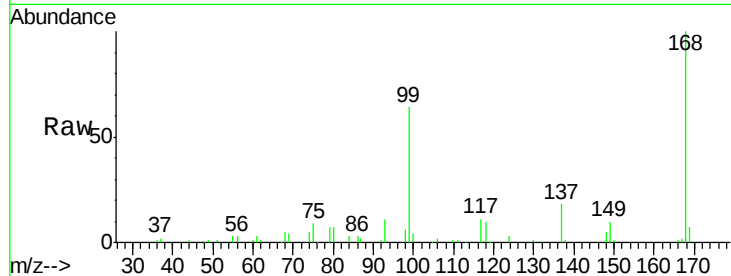
200

Tot Ion:168 Resp: 100841

Ion Ratio Lower Upper

168 100

99 63.5 51.2 76.8

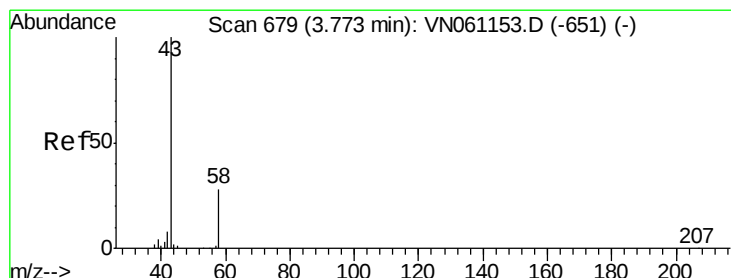
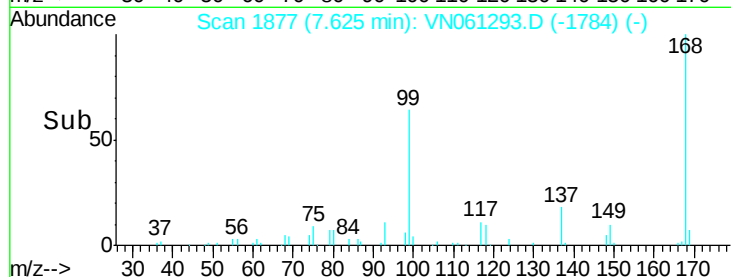


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

Time-->



#16

Acetone

Concen: 660.790 ug/l

RT: 3.77 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN061293.D

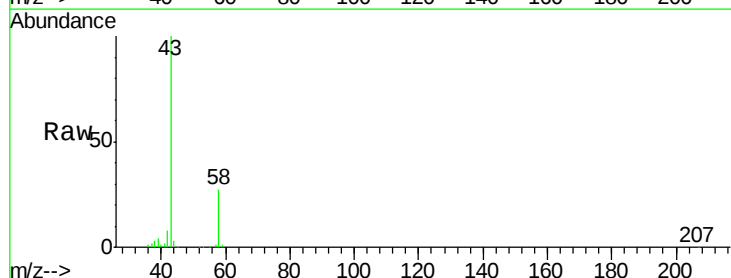
Acq: 5 May 2020 15:41

Tgt Ion: 43 Resp: 402172

Ion Ratio Lower Upper

43 100

58 27.1 22.2 33.2

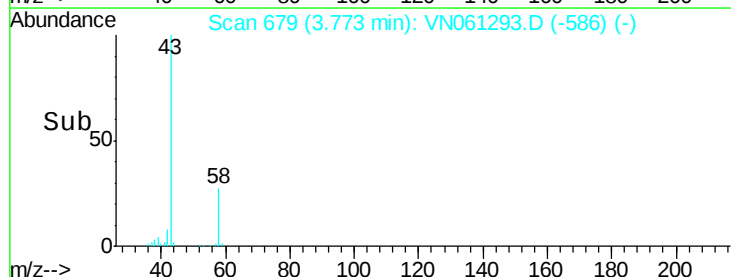


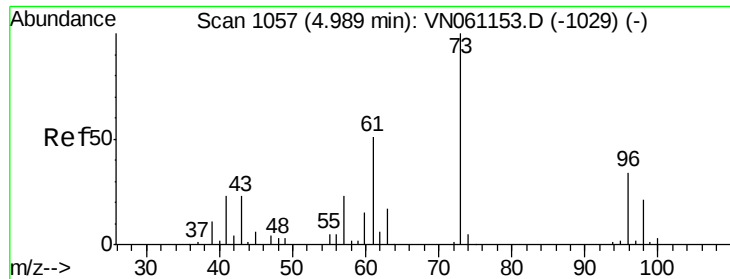
Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.77

Time-->

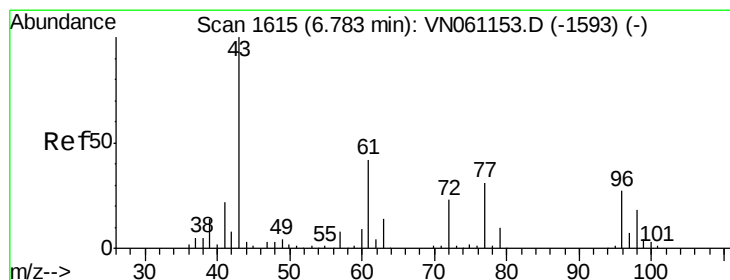
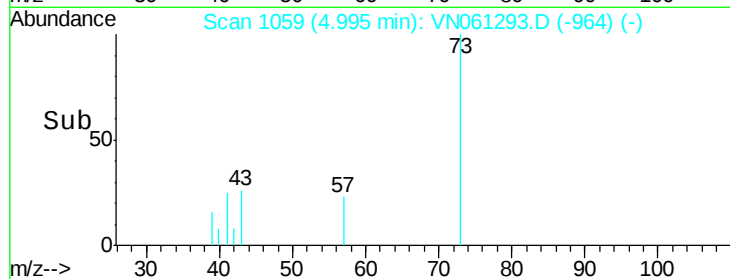
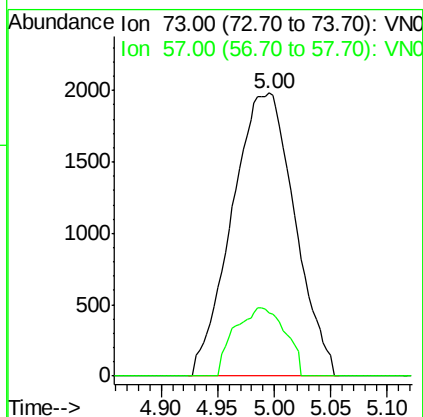
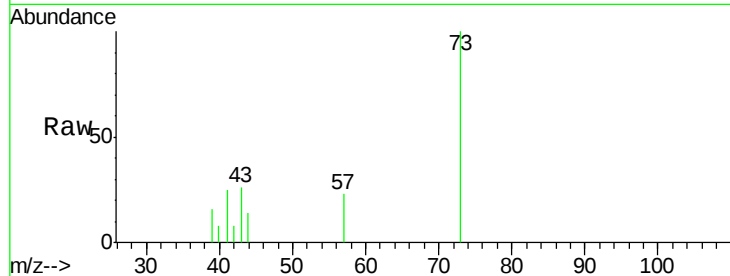




#19
Methvl tert-butvl Ether
Concen: 1.882 ug/l
RT: 5.00 min Scan# 1059
Delta R.T. 0.01 min
Lab File: VN061293.D
Acq: 5 May 2020 15:41

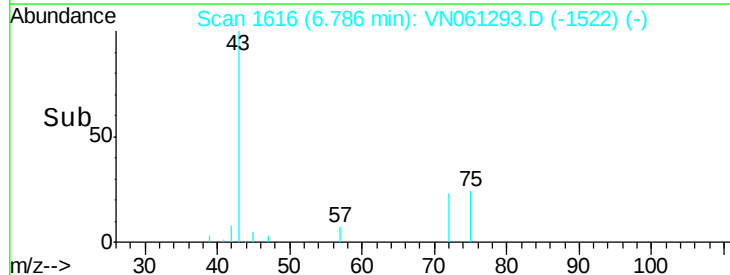
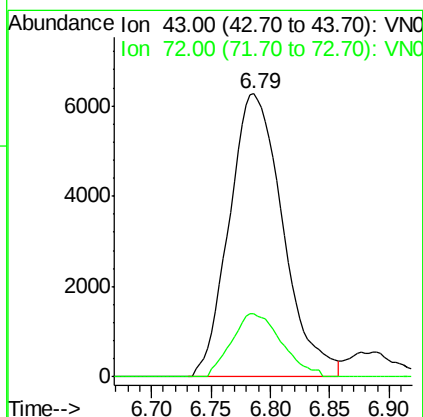
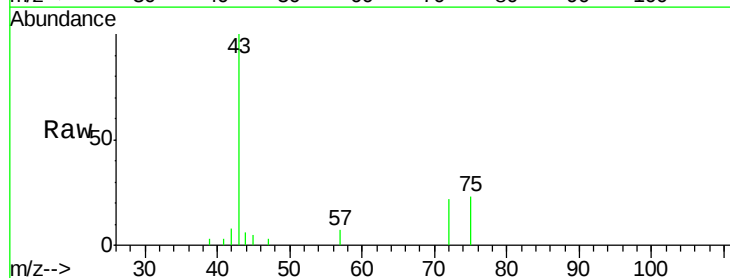
Instrument :
MSVOA_N
ClientSampleId :
200

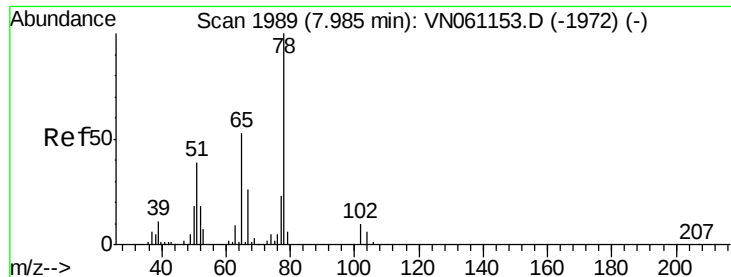
Tot Ion: 73 Resp: 7651
Ion Ratio Lower Upper
73 100
57 22.6 18.3 27.5



#25
2-Butanone
Concen: 20.725 ug/l
RT: 6.79 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VN061293.D
Acq: 5 May 2020 15:41

Tgt Ion: 43 Resp: 19568
Ion Ratio Lower Upper
43 100
72 22.2 18.2 27.4

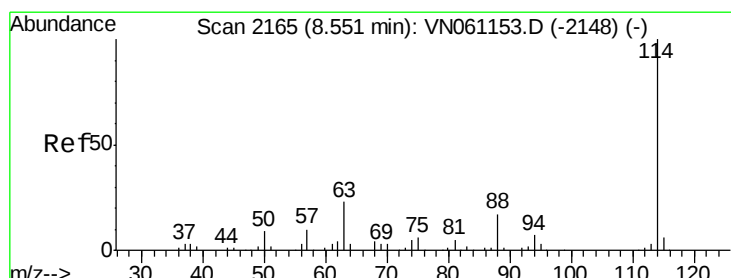
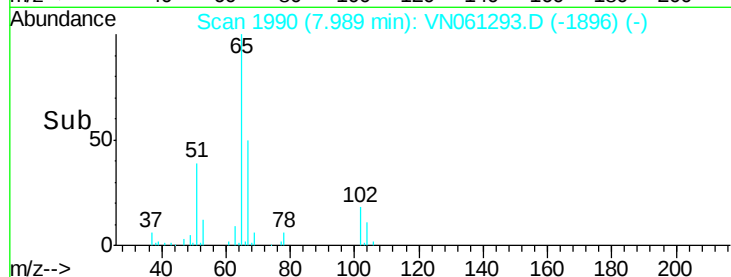
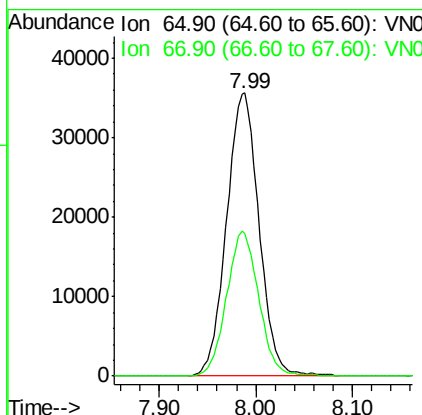
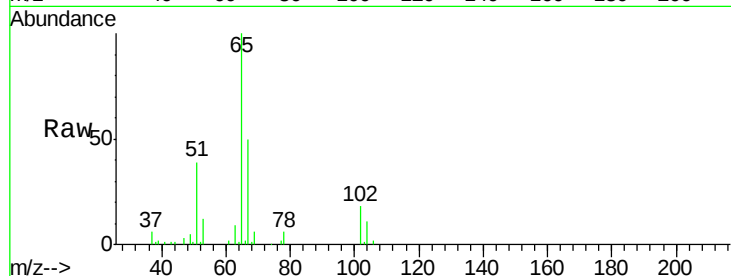




#33
 1,2-Dichloroethane-d4
 Concen: 52.034 ug/l
 RT: 7.99 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN061293.D
 Acq: 5 May 2020 15:41

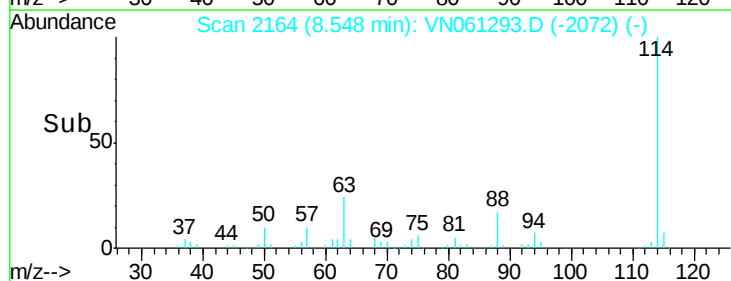
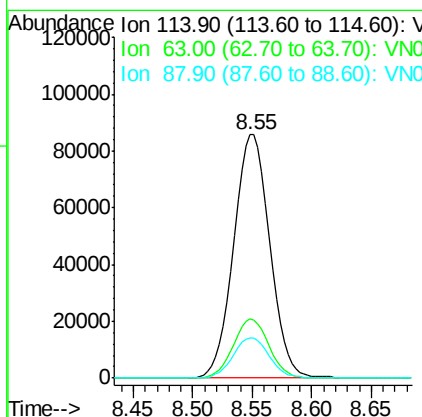
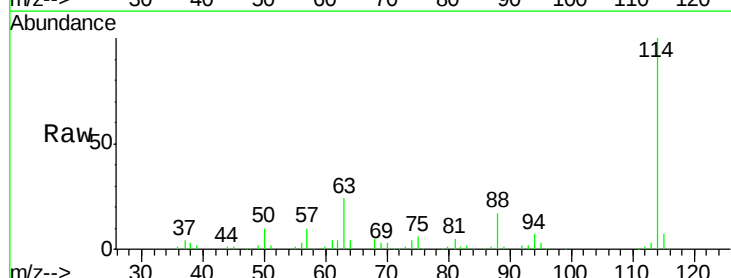
Instrument :
 MSVOA_N
 ClientSampleId :
 200

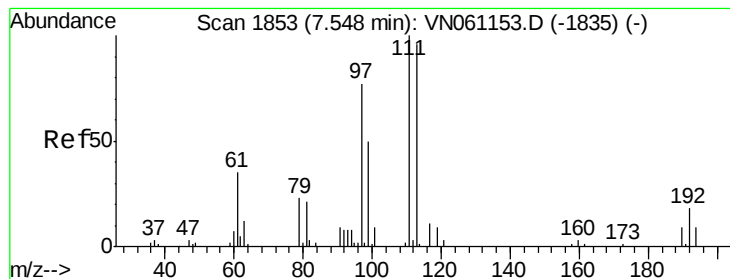
Tot Ion: 65 Resp: 83027
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061293.D
 Acq: 5 May 2020 15:41

Tgt Ion: 114 Resp: 180894
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 46.6
 88 16.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.645 ug/l

RT: 7.55 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VN061293.D

Acq: 5 May 2020 15:41

Instrument :

MSVOA_N

ClientSampled :

200

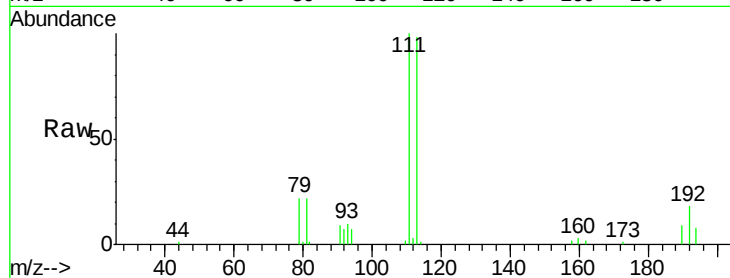
Tot Ion:113 Resp: 52034

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

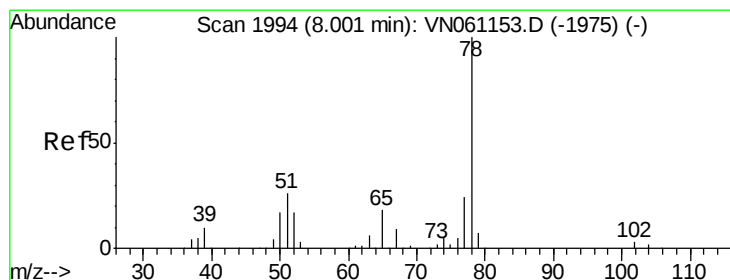
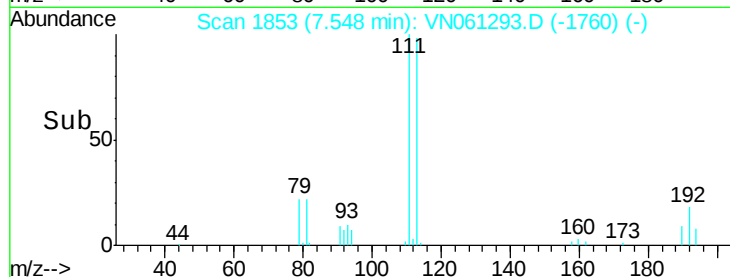
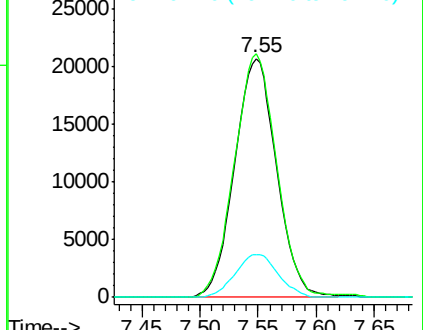
192 18.3 14.7 22.1



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



#40

Benzene

Concen: 1.296 ug/l

RT: 8.00 min Scan# 1993

Delta R.T. -0.00 min

Lab File: VN061293.D

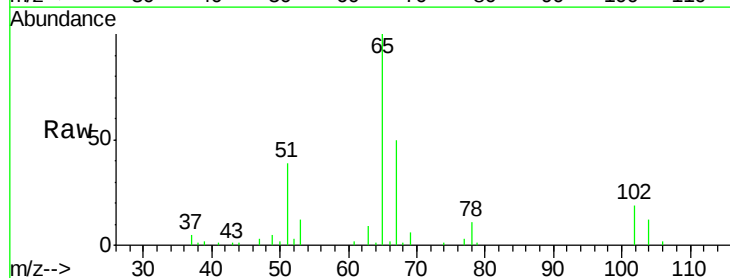
Acq: 5 May 2020 15:41

Tgt Ion: 78 Resp: 6994

Ion Ratio Lower Upper

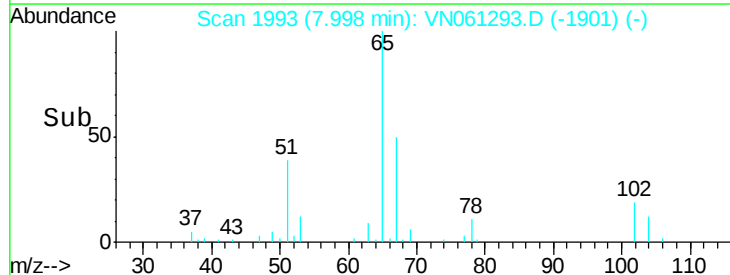
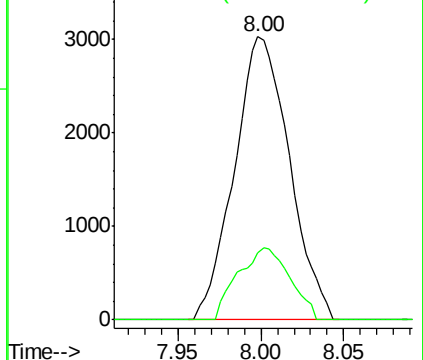
78 100

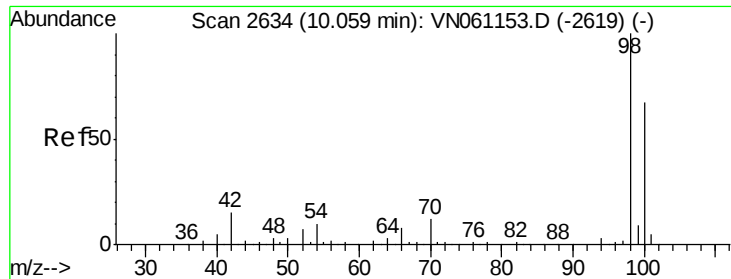
77 23.6 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#50

Toluene-d8

Concen: 51.999 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061293.D

Acq: 5 May 2020 15:41

Instrument :

MSVOA_N

ClientSampled :

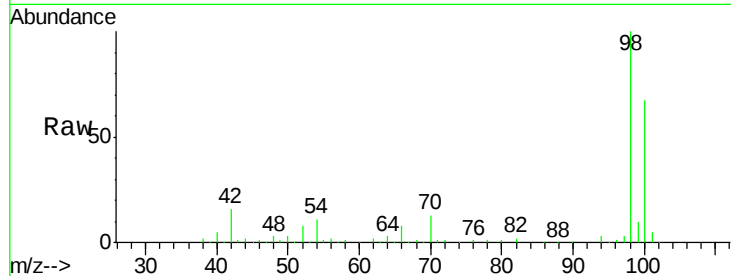
200

Tot Ion: 98 Resp: 226743

Ion Ratio Lower Upper

98 100

100 66.1 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) (-)

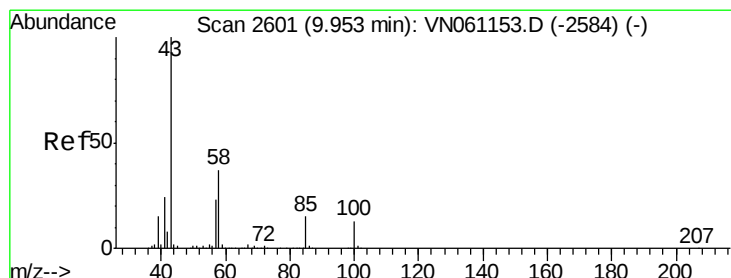
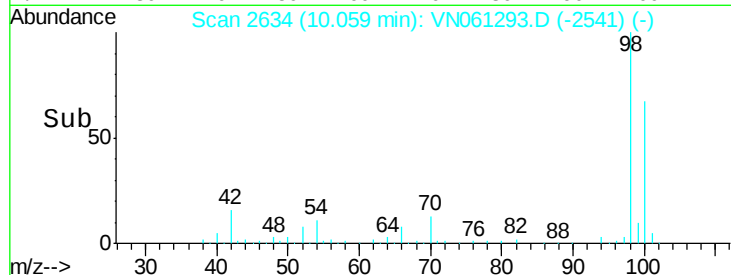
10.06

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 4.594 ug/l

RT: 9.95 min Scan# 2601

Delta R.T. 0.00 min

Lab File: VN061293.D

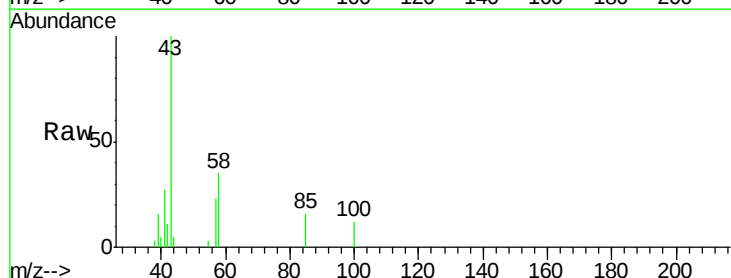
Acq: 5 May 2020 15:41

Tgt Ion: 43 Resp: 9527

Ion Ratio Lower Upper

43 100

58 34.2 29.1 43.7



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2584) (-)

Ion 58.00 (57.70 to 58.70): VN061153.D (-2584) (-)

9.95

6000

5000

4000

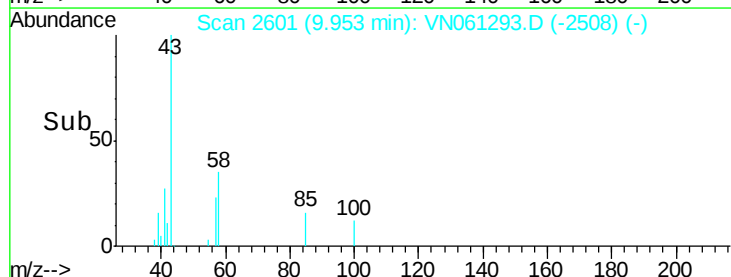
3000

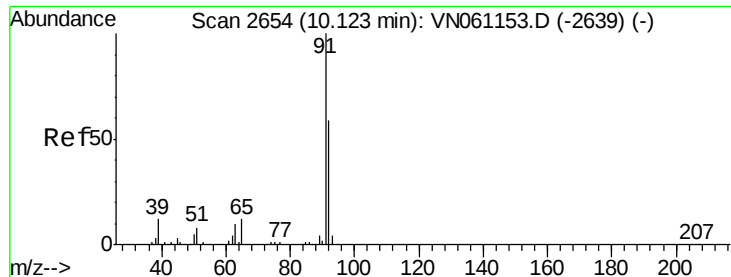
2000

1000

0

Time-->





#52

Toluene

Concen: 3.511 ug/l

RT: 10.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VN061293.D

Acq: 5 May 2020 15:41

Instrument :

MSVOA_N

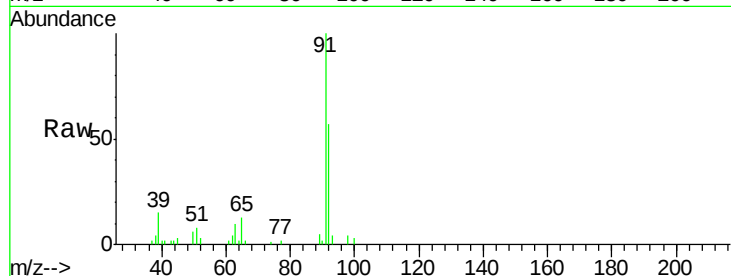
ClientSampled :
200

Tot Ion: 92 Resp: 11410

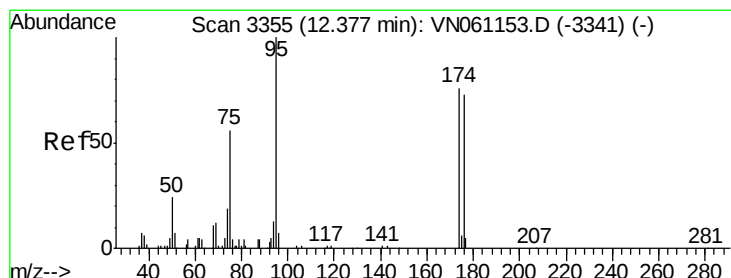
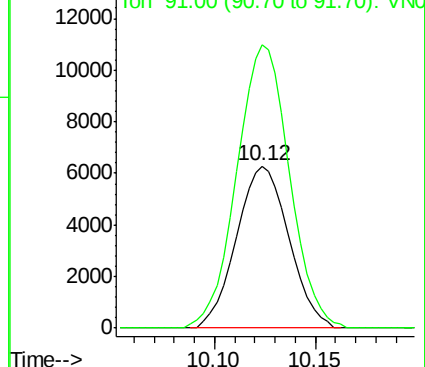
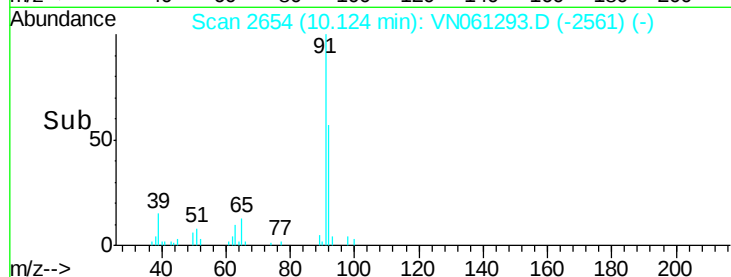
Ion Ratio Lower Upper

92 100

91 175.6 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VN061293.D (-2561) (-)



#62

4-Bromofluorobenzene

Concen: 51.758 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061293.D

Acq: 5 May 2020 15:41

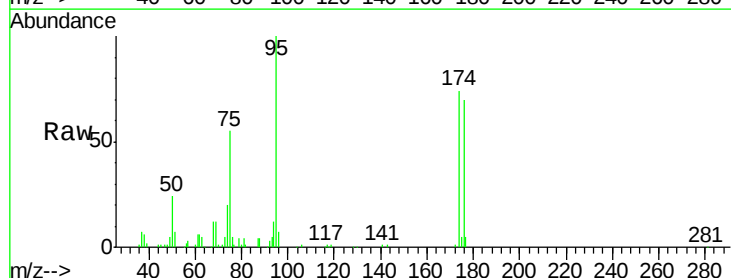
Tgt Ion: 95 Resp: 84932

Ion Ratio Lower Upper

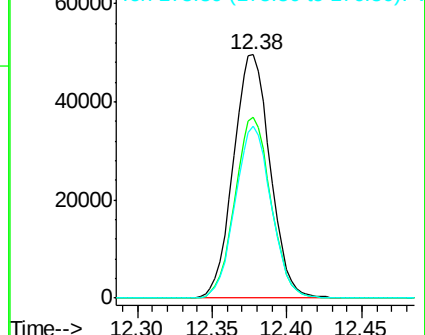
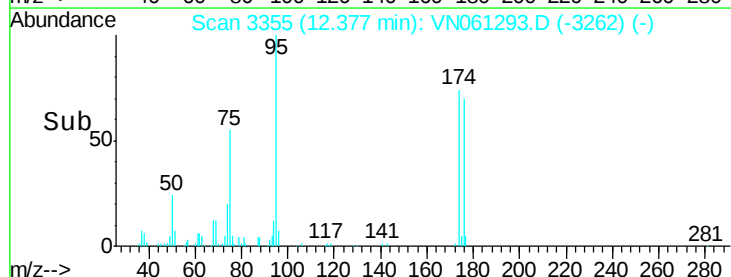
95 100

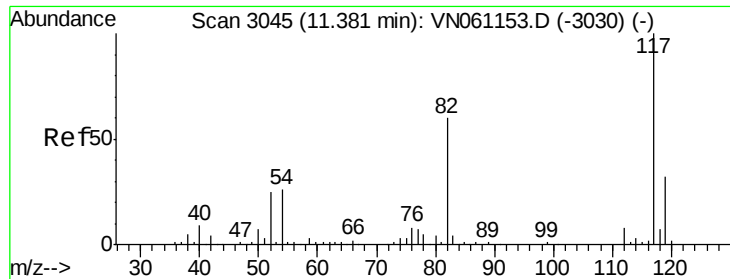
174 72.7 0.0 149.4

176 69.2 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061293.D (-3262) (-)

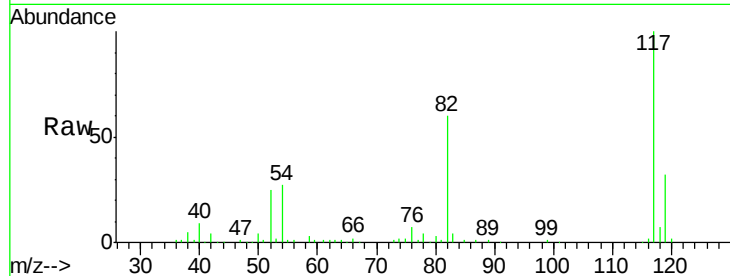




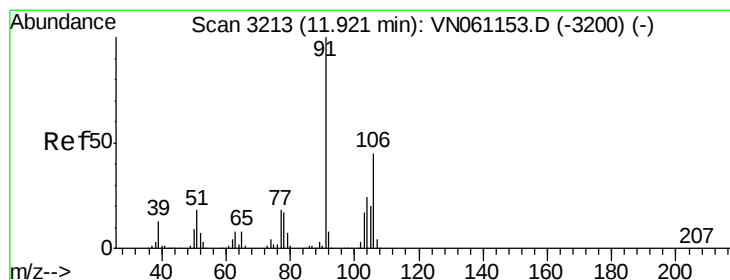
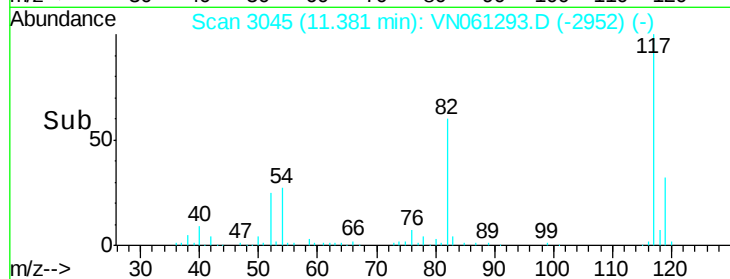
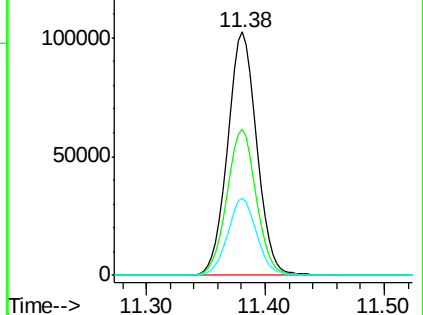
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061293.D
Acq: 5 May 2020 15:41

Instrument :
MSVOA_N
ClientSampled :
200

Tot Ion:117 Resp: 173912
Ion Ratio Lower Upper
117 100
82 60.0 47.8 71.8
119 32.0 25.8 38.6

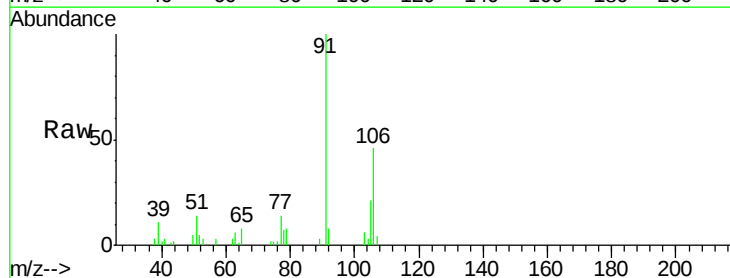


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

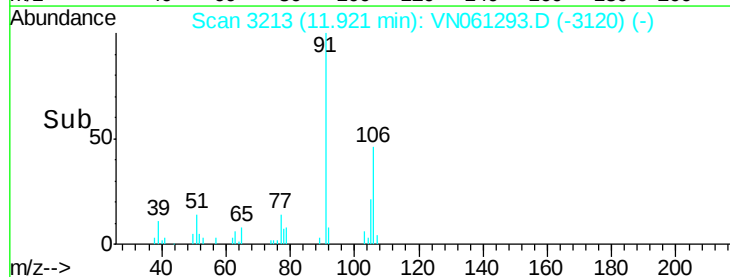
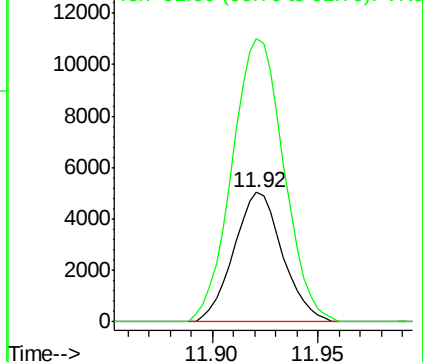


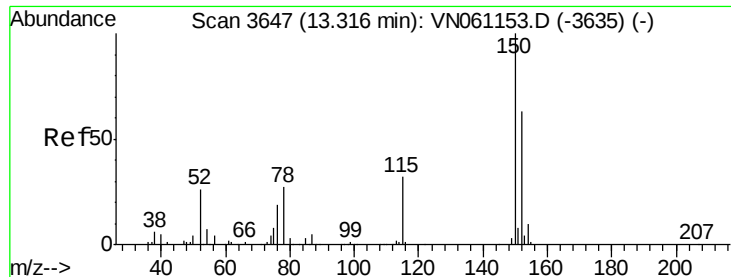
#69
o-Xylene
Concen: 3.560 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061293.D
Acq: 5 May 2020 15:41

Tgt Ion:106 Resp: 8084
Ion Ratio Lower Upper
106 100
91 232.1 109.7 329.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061293.D

Acq: 5 May 2020 15:41

Instrument :

MSVOA_N

ClientSampleId :

200

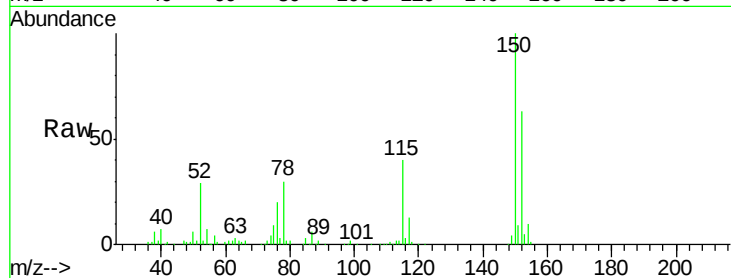
Tot Ion:152 Resp: 77660

Ion Ratio Lower Upper

152 100

115 64.5 31.0 93.0

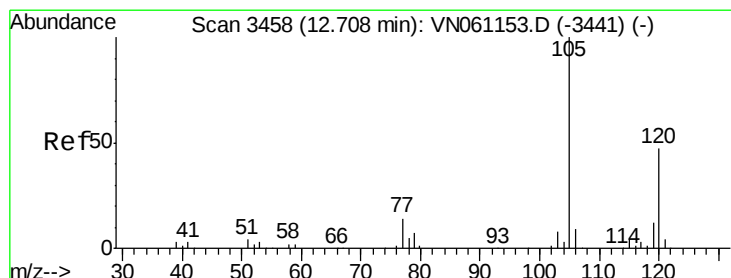
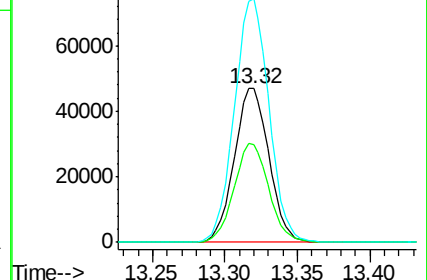
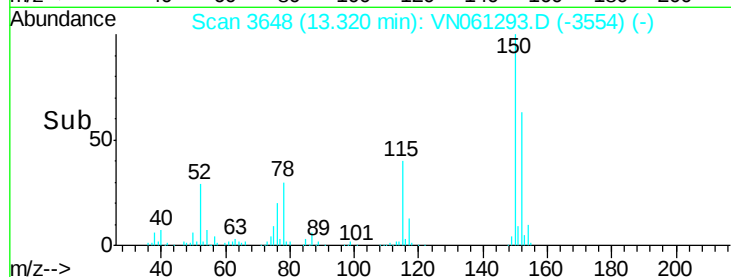
150 158.1 0.0 351.8



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



#80

1,3,5-Trimethylbenzene

Concen: 1.012 ug/l

RT: 12.71 min Scan# 3458

Delta R.T. 0.00 min

Lab File: VN061293.D

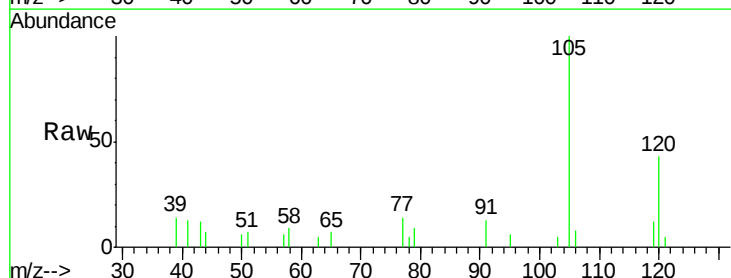
Acq: 5 May 2020 15:41

Tgt Ion:105 Resp: 4781

Ion Ratio Lower Upper

105 100

120 46.0 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

