

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051120\
 Data File : VN061384.D
 Acq On : 11 May 2020 12:59
 Operator : JC/MD
 Sample : L2525-01ME
 Misc : 2.58g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1ME

Quant Time: May 12 09:00:14 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	7.62	168	95974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	166654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	162097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	80408	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	75434	49.67	ug/l	0.00
Spiked Amount			Recovery	=	99.34%	
35) Dibromofluoromethane	7.54	113	41102	41.71	ug/l	0.00
Spiked Amount			Recovery	=	83.42%	
50) Toluene-d8	10.06	98	210479	52.39	ug/l	0.00
Spiked Amount			Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.38	95	80432	53.20	ug/l	0.00
Spiked Amount			Recovery	=	106.40%	

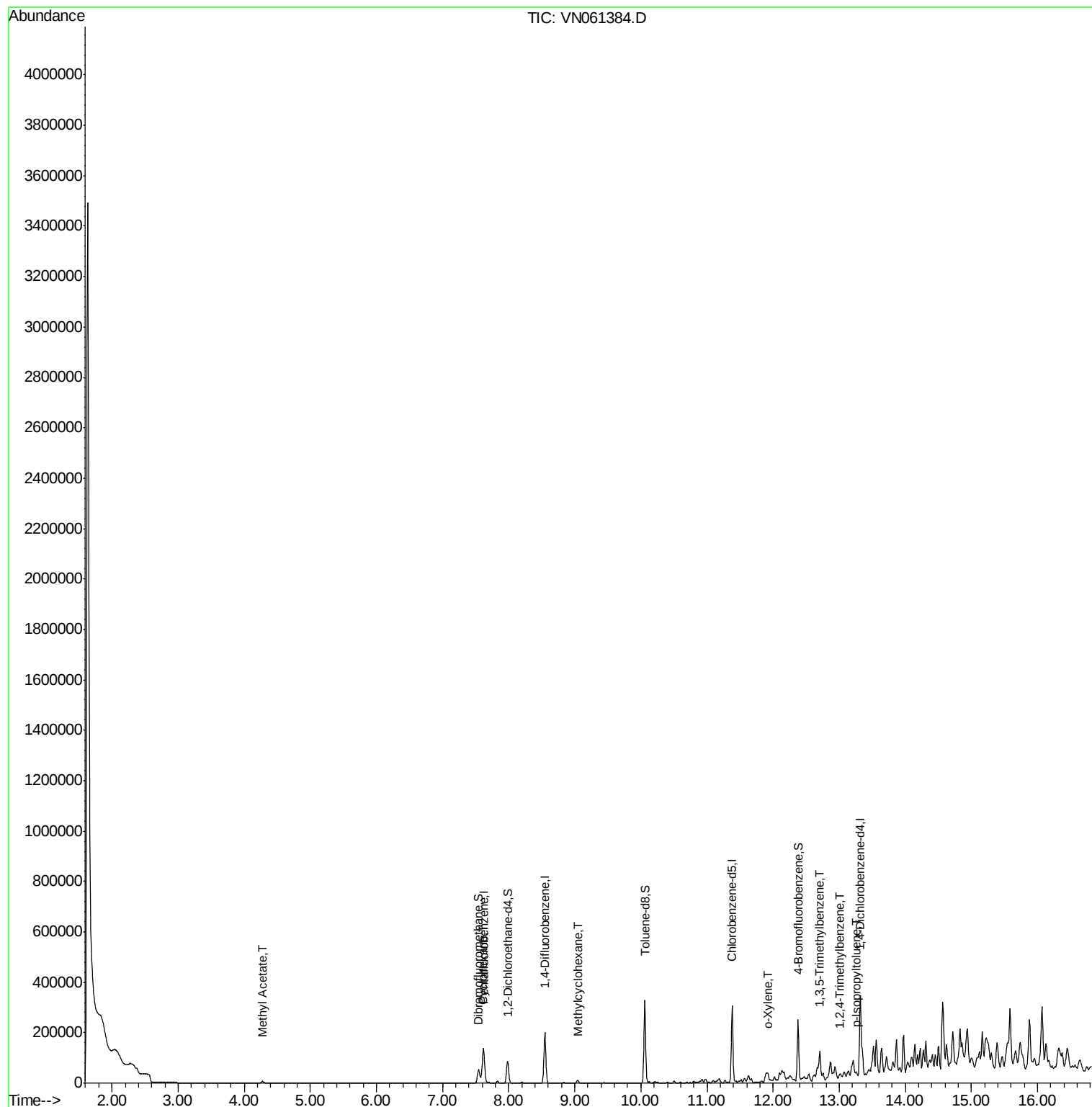
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.27	43	12474	7.098	ug/l	95
31) Cyclohexane	7.61	56	14368	6.504	ug/l #	90
39) Methylcyclohexane	9.04	83	4038	2.158	ug/l	94
69) o-Xylene	11.92	106	4512	2.132	ug/l	90
80) 1,3,5-Trimethylbenzene	12.71	105	32160	6.573	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	5438	1.079	ug/l	97
86) p-Isopropyltoluene	13.26	119	7329	1.446	ug/l	92

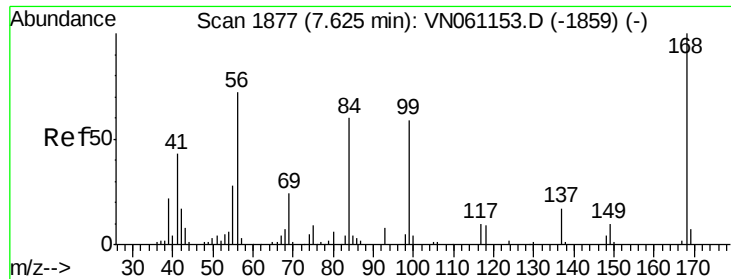
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061384.D

Acq: 11 May 2020 12:59

Instrument :

MSVOA_N

ClientSampleId :

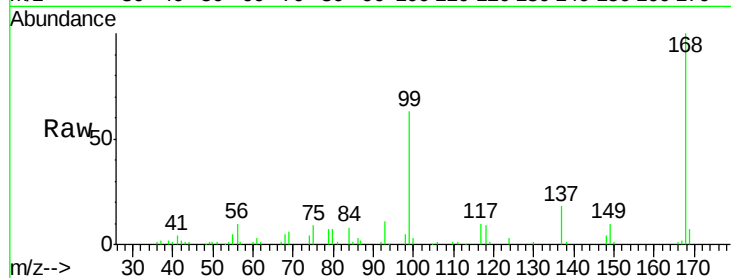
DRUM-1ME

Tot Ion:168 Resp: 95974

Ion Ratio Lower Upper

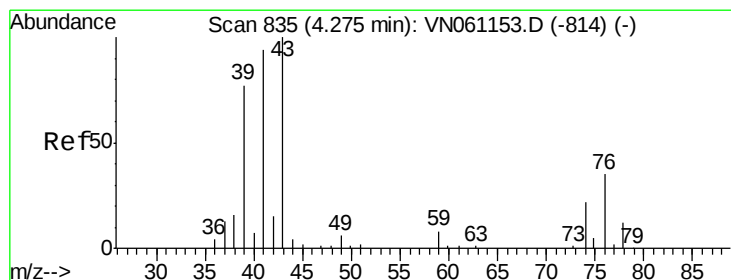
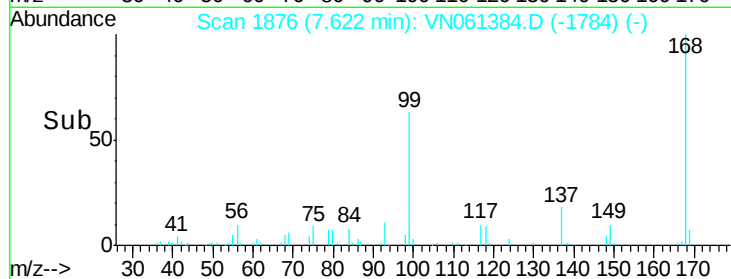
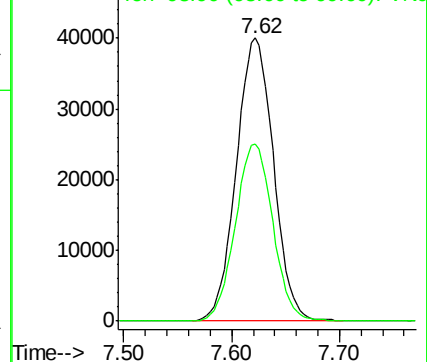
168 100

99 62.6 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#18

Methyl Acetate

Concen: 7.098 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061384.D

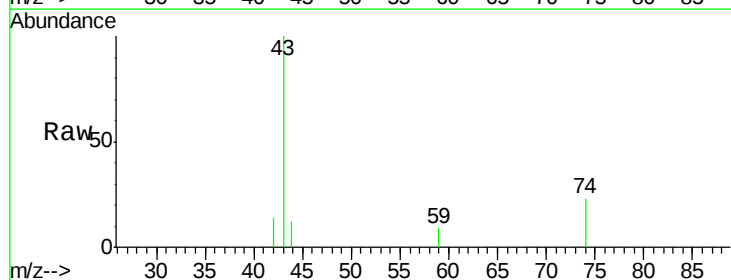
Acq: 11 May 2020 12:59

Tgt Ion: 43 Resp: 12474

Ion Ratio Lower Upper

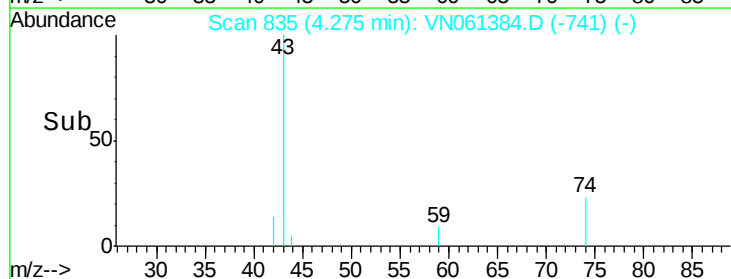
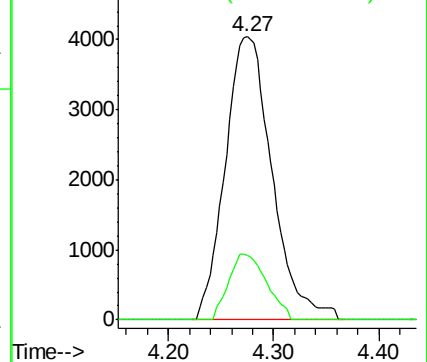
43 100

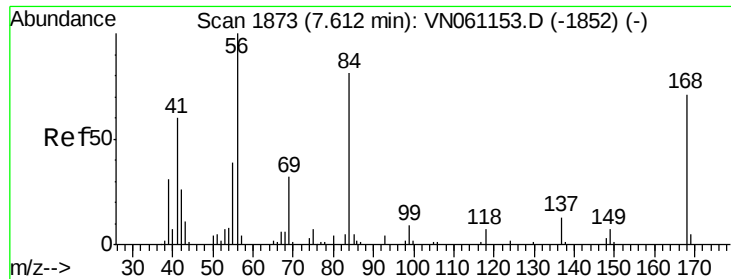
74 18.9 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

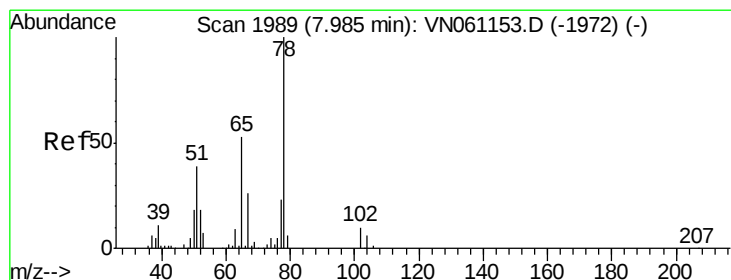
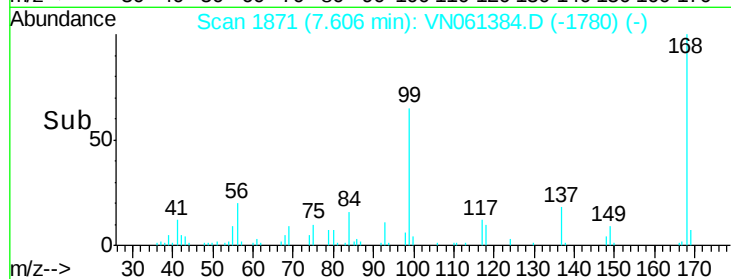
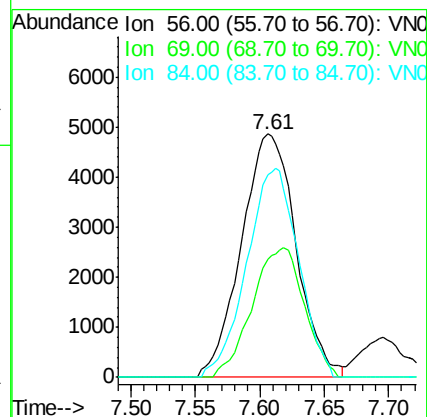
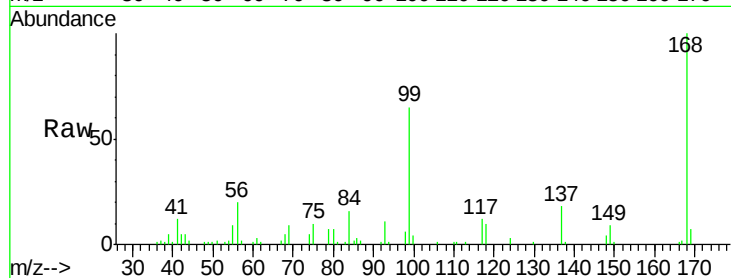




#31
Cyclohexane
Concen: 6.504 ug/l
RT: 7.61 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VN061384.D
Acq: 11 May 2020 12:59

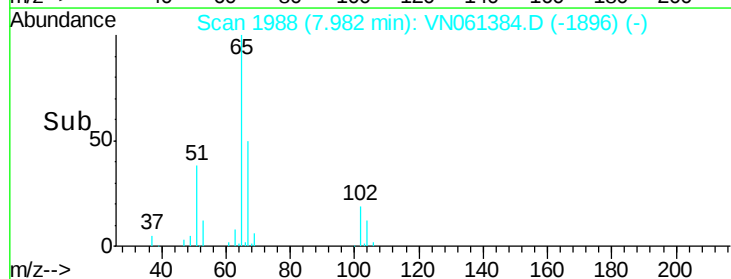
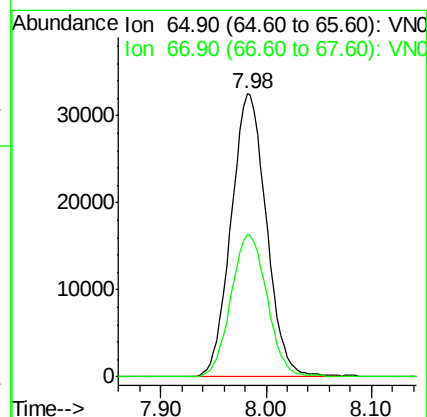
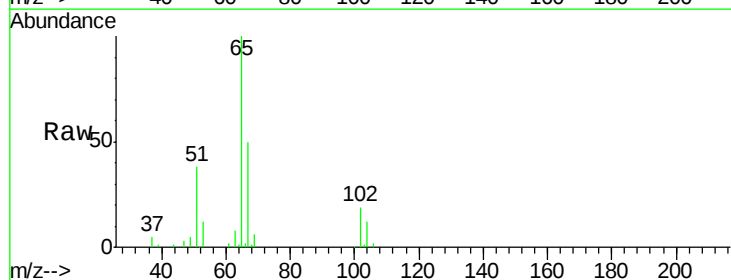
Instrument :
MSVOA_N
ClientSampled :
DRUM-1ME

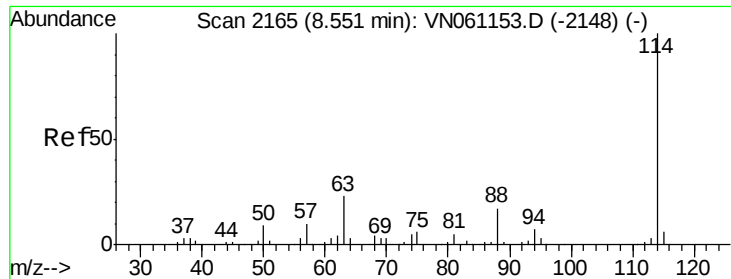
Tot Ion: 56 Resp: 14368
Ion Ratio Lower Upper
56 100
69 48.3 25.7 38.5#
84 83.1 64.6 97.0



#33
1,2-Dichloroethane-d4
Concen: 49.673 ug/l
RT: 7.98 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN061384.D
Acq: 11 May 2020 12:59

Tgt Ion: 65 Resp: 75434
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.6

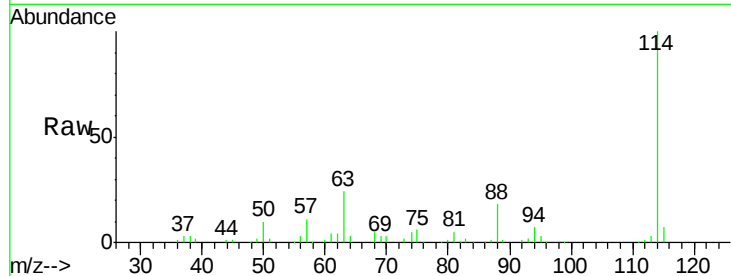




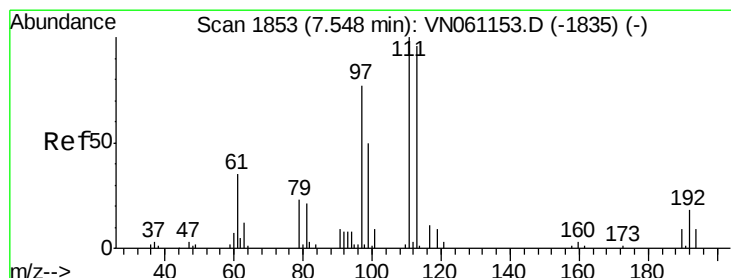
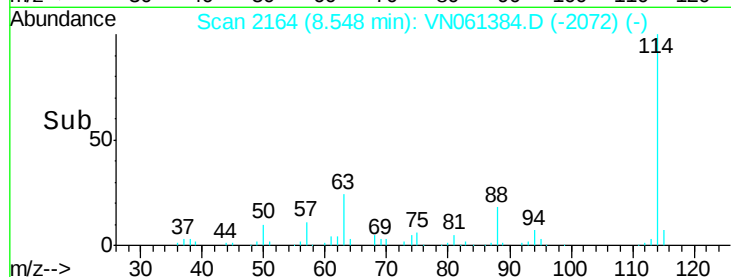
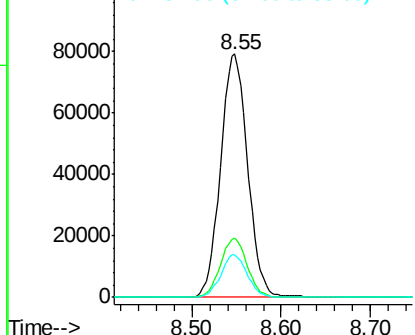
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061384.D
 Acq: 11 May 2020 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1ME

Tot Ion:114 Resp: 166654
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 46.6
 88 17.6 0.0 33.4

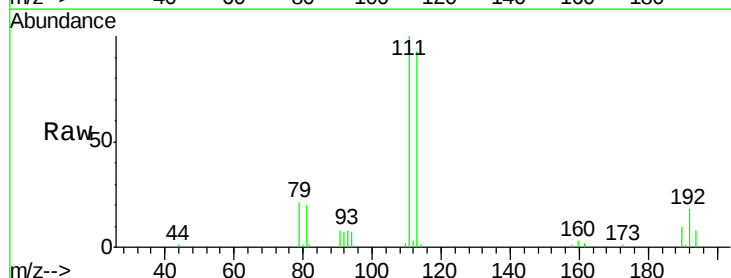


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

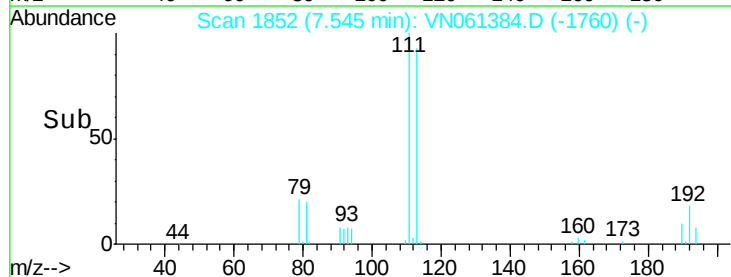
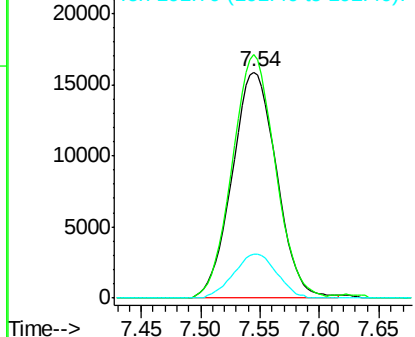


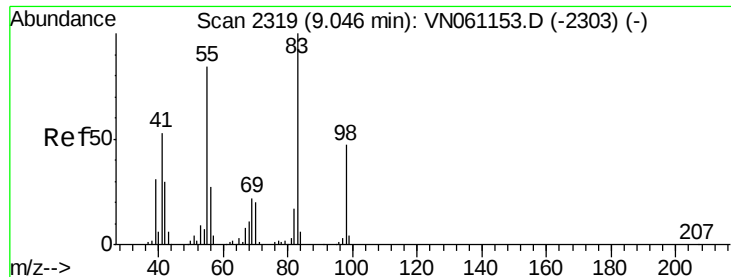
#35
 Dibromofluoromethane
 Concen: 41.708 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061384.D
 Acq: 11 May 2020 12:59

Tgt Ion:113 Resp: 41102
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.9 124.3
 192 18.8 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

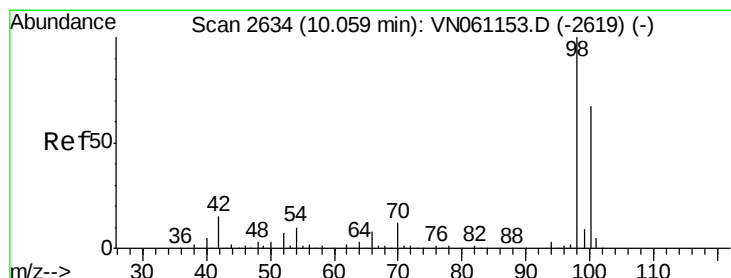
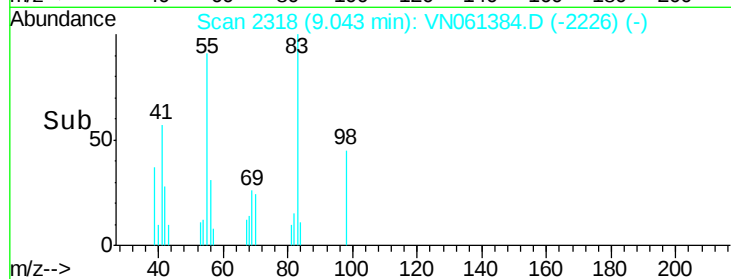
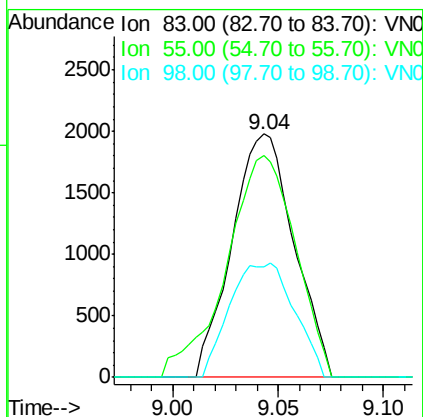
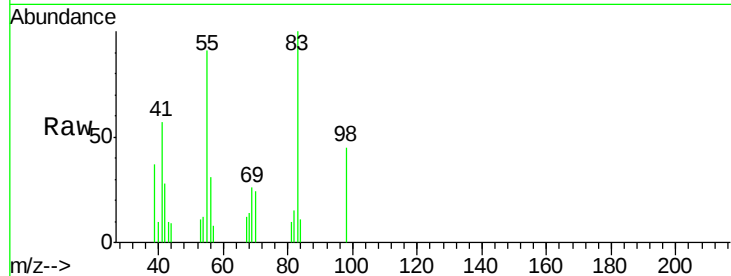




#39
Methvlcvclohexane
Concen: 2.158 ug/l
RT: 9.04 min Scan# 2318
Delta R.T. -0.00 min
Lab File: VN061384.D
Acq: 11 May 2020 12:59

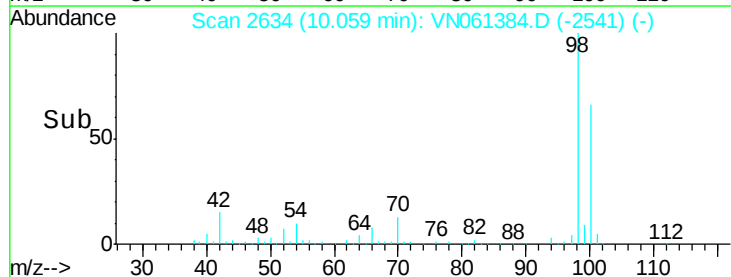
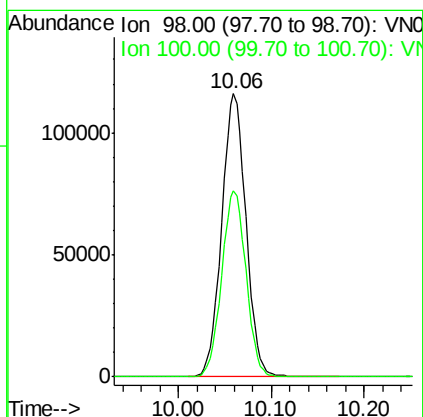
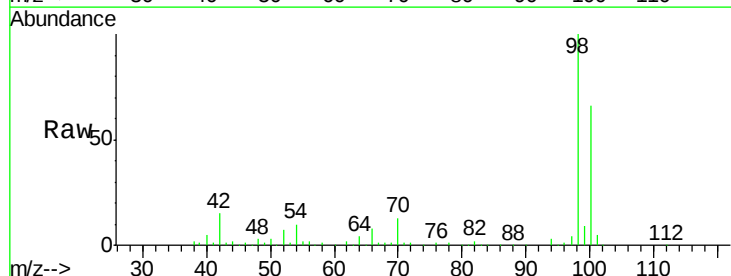
Instrument :
MSVOA_N
ClientSampled :
DRUM-1ME

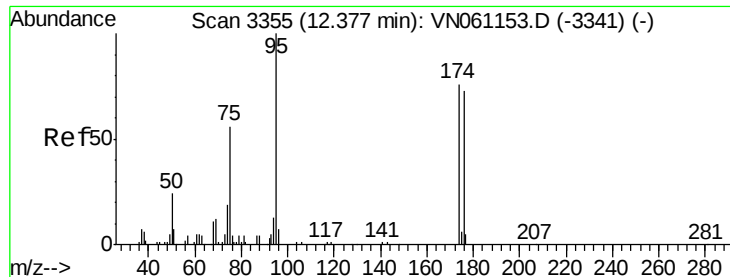
Tot Ion: 83 Resp: 4038
Ion Ratio Lower Upper
83 100
55 91.0 67.3 100.9
98 45.4 37.7 56.5



#50
Toluene-d8
Concen: 52.394 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061384.D
Acq: 11 May 2020 12:59

Tgt Ion: 98 Resp: 210479
Ion Ratio Lower Upper
98 100
100 65.8 53.4 80.0





#62

4-Bromofluorobenzene

Concen: 53.204 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061384.D

Acq: 11 May 2020 12:59

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1ME

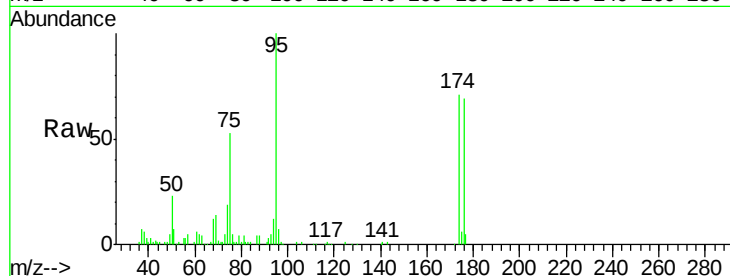
Tot Ion: 95 Resp: 80432

Ion Ratio Lower Upper

95 100

174 73.5 0.0 149.4

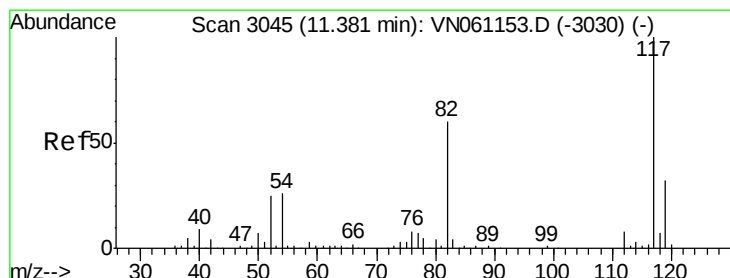
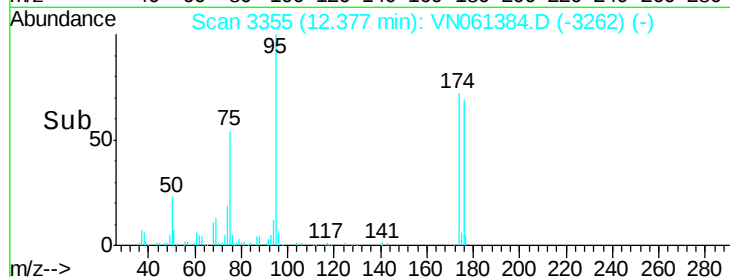
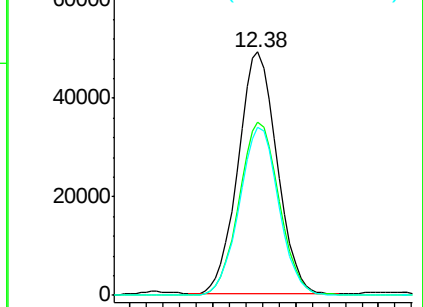
176 70.1 0.0 144.8



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# 3045

Delta R.T. 0.00 min

Lab File: VN061384.D

Acq: 11 May 2020 12:59

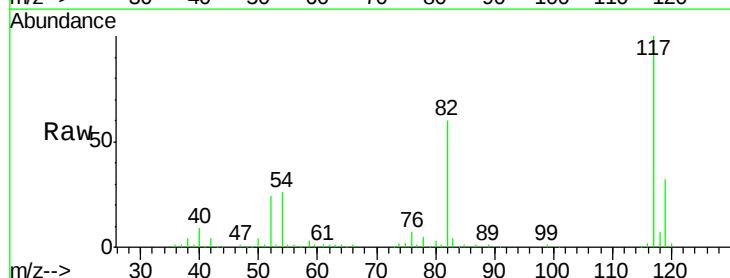
Tgt Ion: 117 Resp: 162097

Ion Ratio Lower Upper

117 100

82 59.6 47.8 71.8

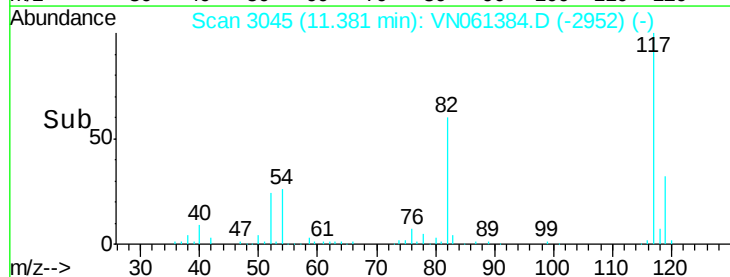
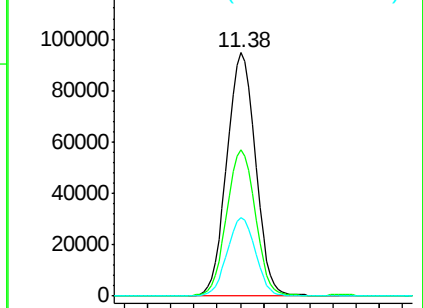
119 32.1 25.8 38.6

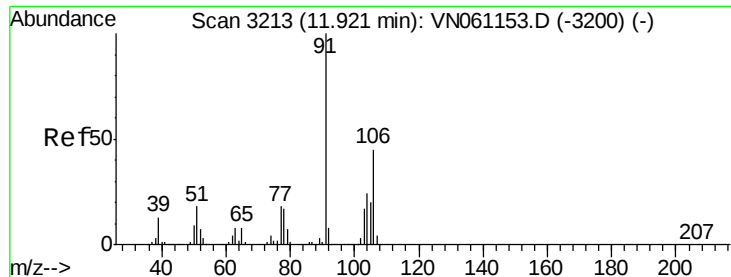


Abundance Ion 116.90 (116.60 to 117.60): VN061153.D (-3030) (-)

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

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

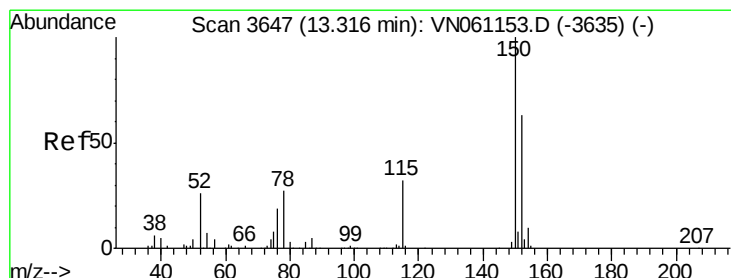
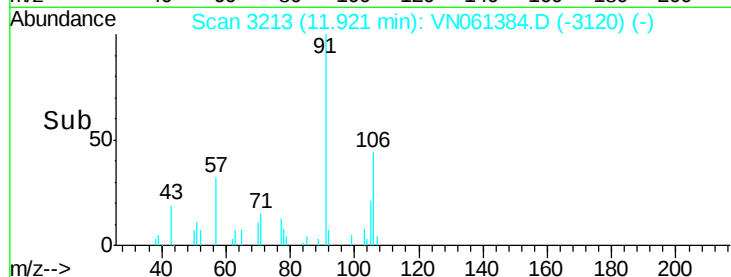
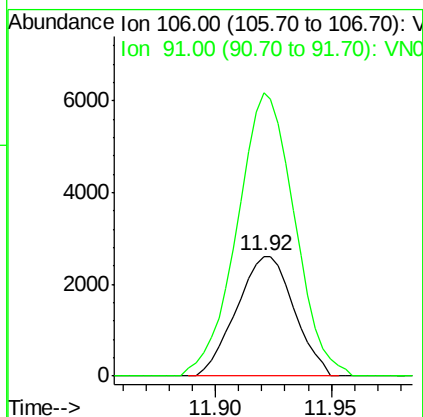
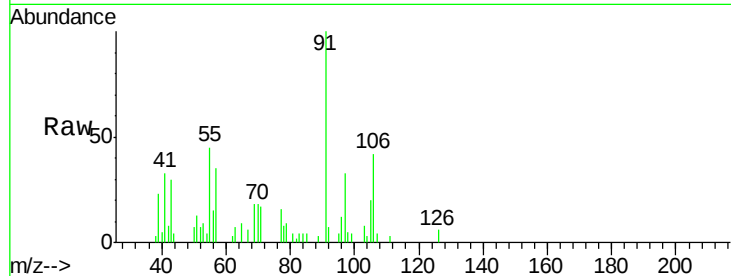




#69
o-Xylene
Concen: 2.132 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061384.D
Acq: 11 May 2020 12:59

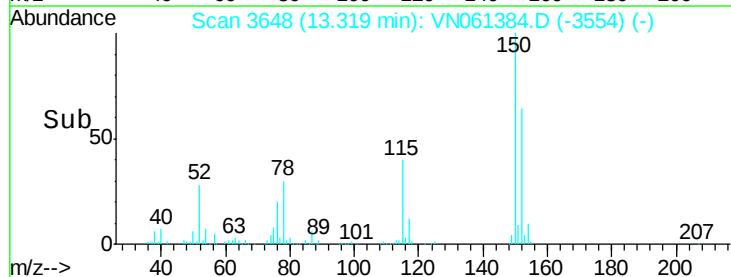
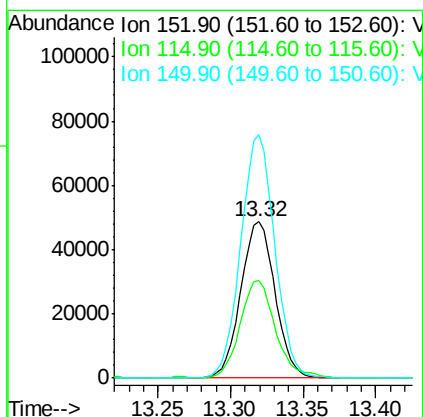
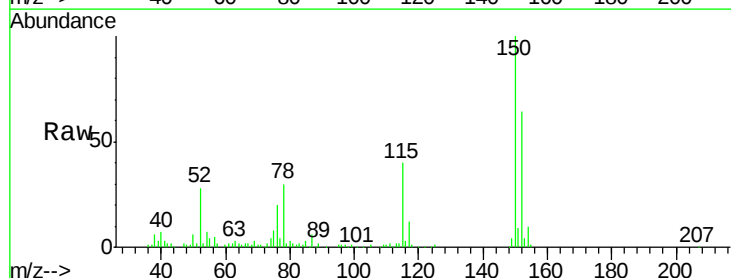
Instrument :
MSVOA_N
ClientSampled :
DRUM-1ME

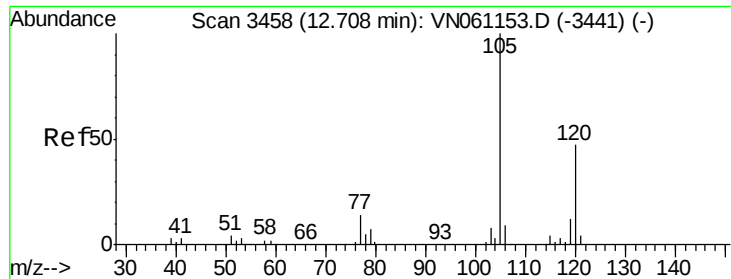
Tot Ion:106 Resp: 4512
Ion Ratio Lower Upper
106 100
91 235.4 109.7 329.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061384.D
Acq: 11 May 2020 12:59

Tgt Ion:152 Resp: 80408
Ion Ratio Lower Upper
152 100
115 64.3 31.0 93.0
150 154.0 0.0 351.8

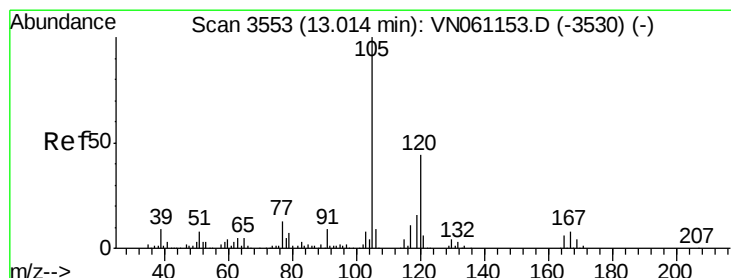
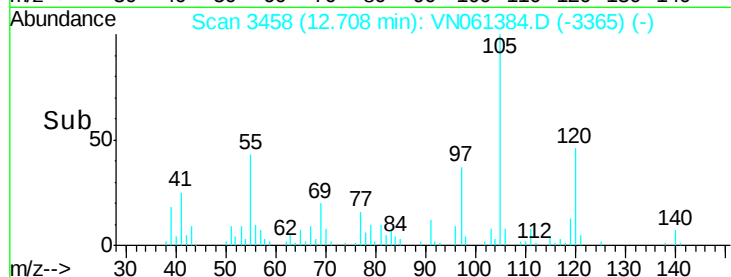
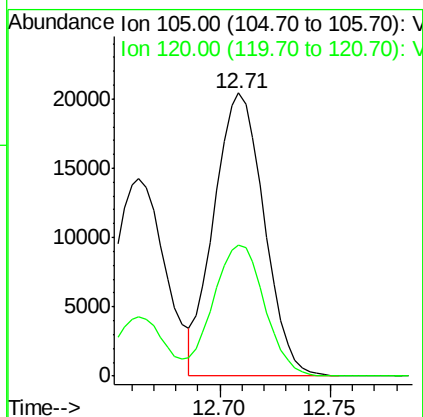
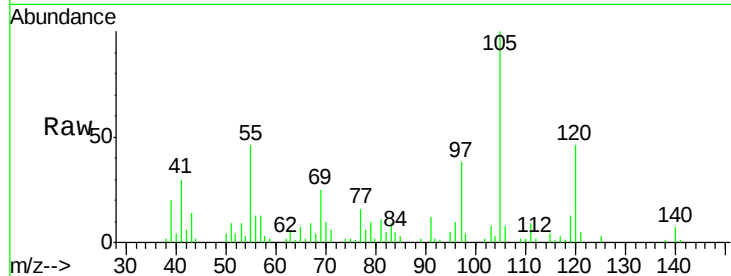




#80
 1,3,5-Trimethylbenzene
 Concen: 6.573 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061384.D
 Acq: 11 May 2020 12:59

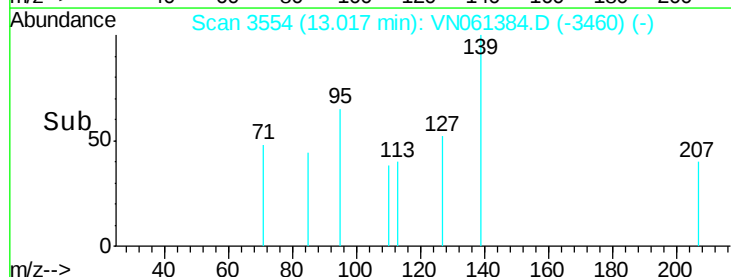
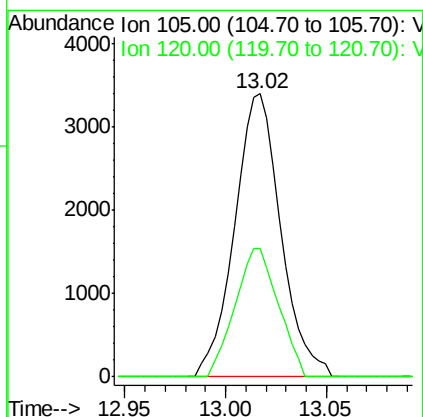
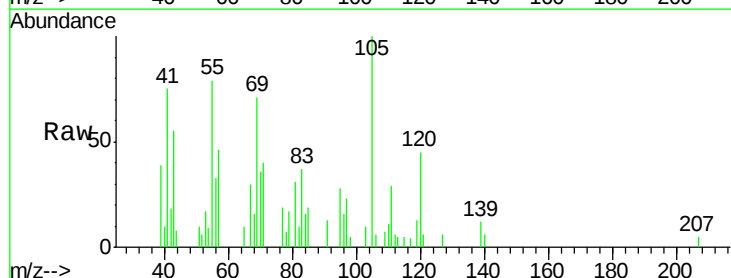
Instrument :
 MSVOA_N
 ClientSampled :
 DRUM-1ME

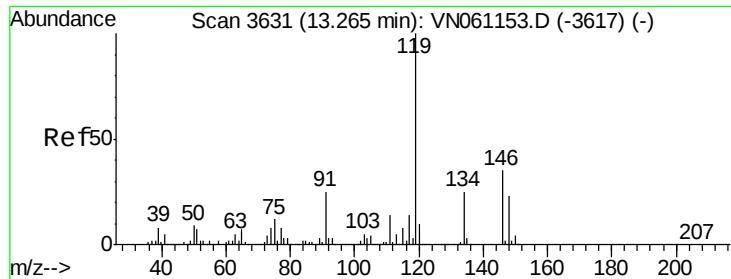
Tot Ion:105 Resp: 32160
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.9 71.7



#84
 1,2,4-Trimethylbenzene
 Concen: 1.079 ug/l
 RT: 13.02 min Scan# 3554
 Delta R.T. 0.00 min
 Lab File: VN061384.D
 Acq: 11 May 2020 12:59

Tgt Ion:105 Resp: 5438
 Ion Ratio Lower Upper
 105 100
 120 42.6 22.2 66.6





#86
 p-Isopropyltoluene
 Concen: 1.446 ug/l
 RT: 13.26 min Scan# 3631
 Delta R.T. 0.00 min
 Lab File: VN061384.D
 Acq: 11 May 2020 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1ME

Tot Ion:	119	Resp:	7329
Ion	Ratio	Lower	Upper
119	100		
134	26.1	12.6	37.6
91	32.1	12.7	38.0

