

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040820\
 Data File : VN060904.D
 Acq On : 8 Apr 2020 16:25
 Operator : JC/MD
 Sample : L2186-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-8:1-SOLIDS

Quant Time: Apr 09 09:09:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	193773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	325596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	313568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147819	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	127561	47.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.90%	
35) Dibromofluoromethane	7.56	113	97485	49.52	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.04%	
50) Toluene-d8	10.08	98	407193	50.64	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.40	95	155078	52.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.24%	

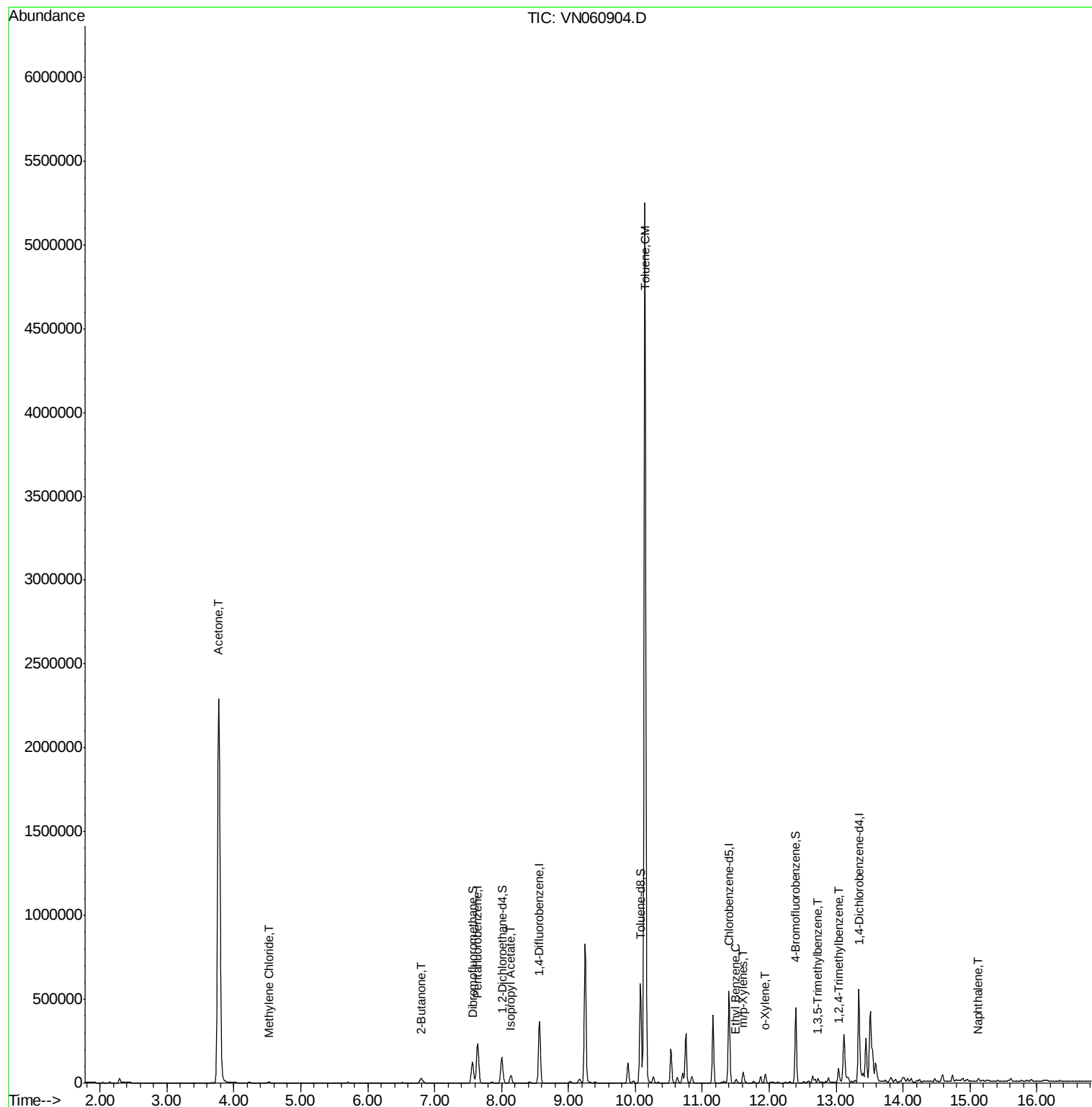
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.77	43	3857389	4093.812	ug/l	96
20) Methylene Chloride	4.53	84	3645	1.573	ug/l	93
25) 2-Butanone	6.80	43	51289	33.638	ug/l	100
43) Isopropyl Acetate	8.14	43	56970	10.140	ug/l #	90
52) Toluene	10.14	92	2438509	424.243	ug/l	89
67) Ethyl Benzene	11.50	91	16483	1.426	ug/l	95
68) m/p-Xylenes	11.61	106	19719	4.590	ug/l	100
69) o-Xylene	11.94	106	13063	3.185	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	11521	1.224	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	50429	5.415	ug/l	98
95) Naphthalene	15.13	128	14450	1.735	ug/l	98

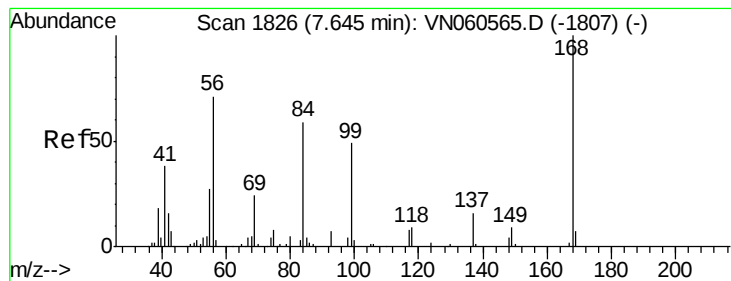
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060904.D

Acq: 8 Apr 2020 16:25

Instrument :

MSVOA_N

ClientSampleId :

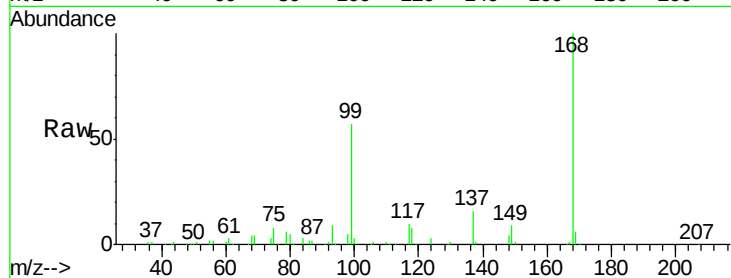
COMP-8:1-SOLIDS

Tot Ion:168 Resp: 193773

Ion Ratio Lower Upper

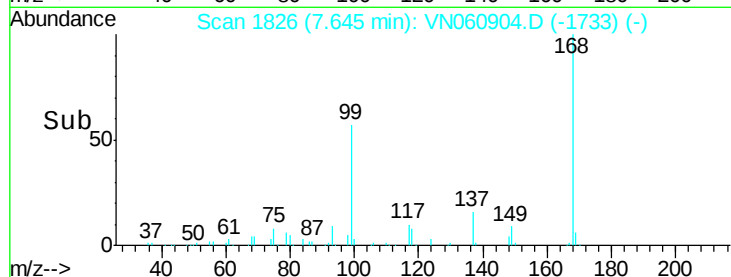
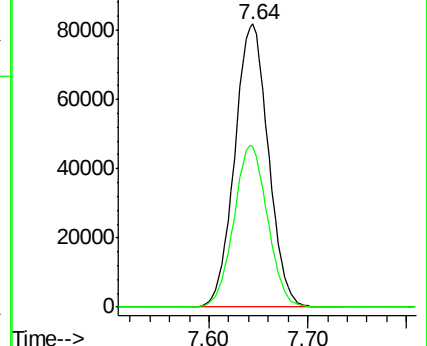
168 100

99 56.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 4093.812 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.01 min

Lab File: VN060904.D

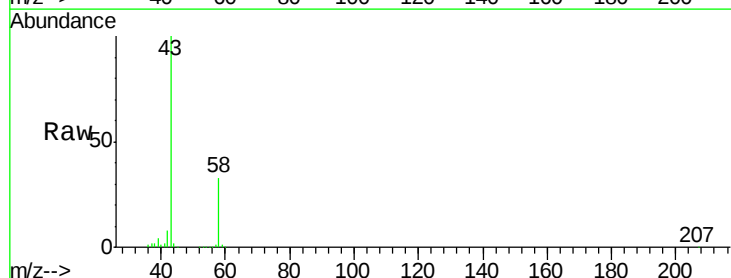
Acq: 8 Apr 2020 16:25

Tgt Ion: 43 Resp: 3857389

Ion Ratio Lower Upper

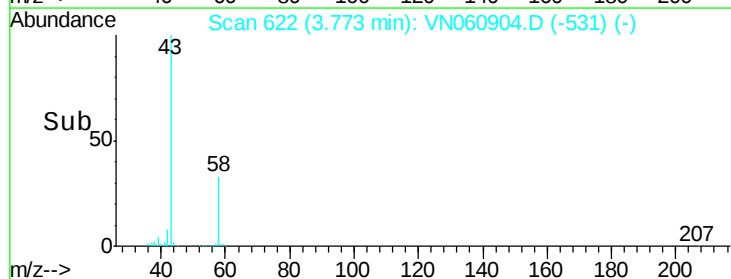
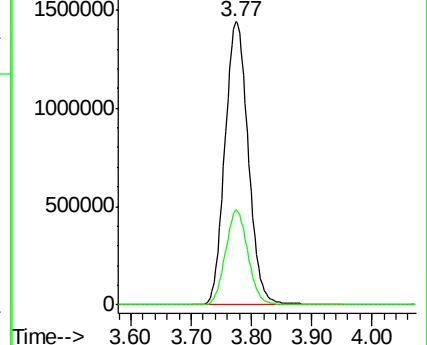
43 100

58 33.5 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

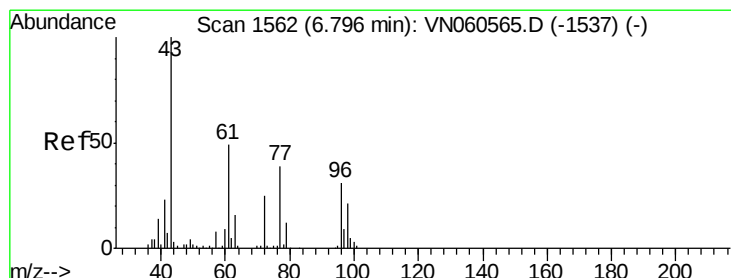
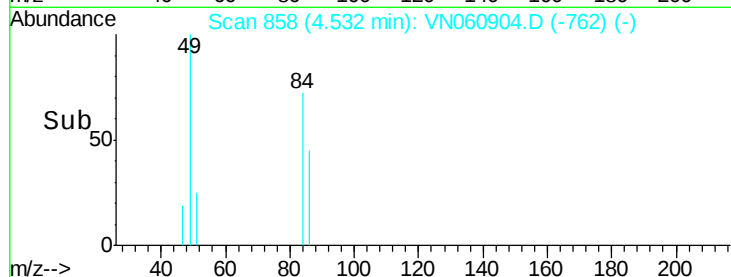
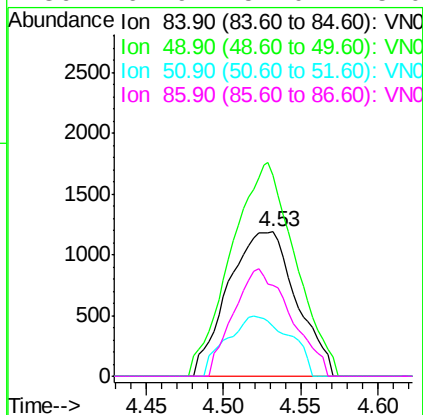
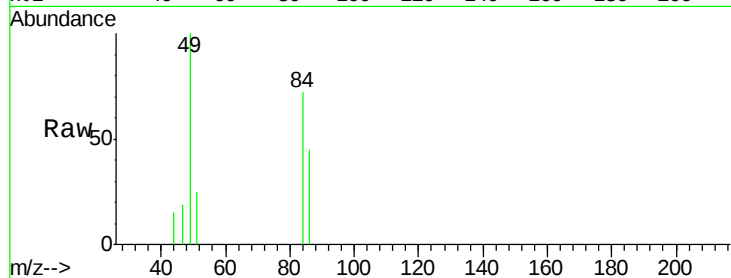




#20
Methylene Chloride
Concen: 1.573 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN060904.D
Acq: 8 Apr 2020 16:25

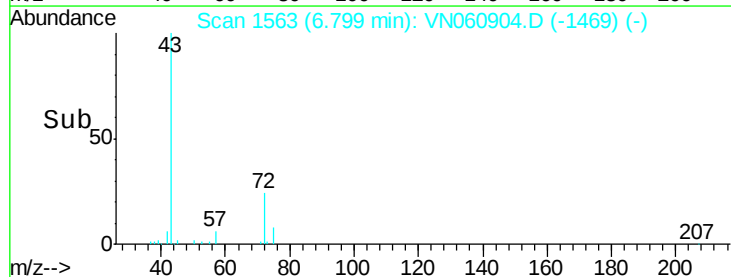
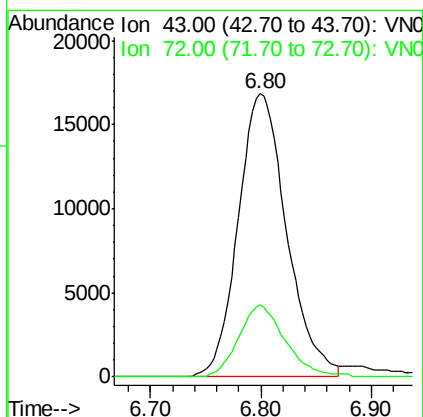
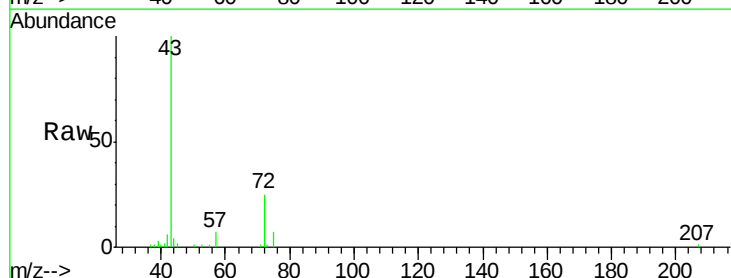
Instrument :
MSVOA_N
ClientSampleId :
COMP-8:1-SOLIDS

Tot Ion: 84 Resp: 3645
Ion Ratio Lower Upper
84 100
49 139.3 103.3 154.9
51 34.2 31.6 47.4
86 62.9 52.0 78.0



#25
2-Butanone
Concen: 33.638 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN060904.D
Acq: 8 Apr 2020 16:25

Tgt Ion: 43 Resp: 51289
Ion Ratio Lower Upper
43 100
72 25.5 20.4 30.6

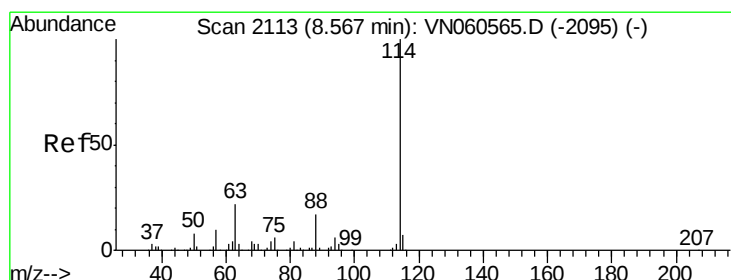
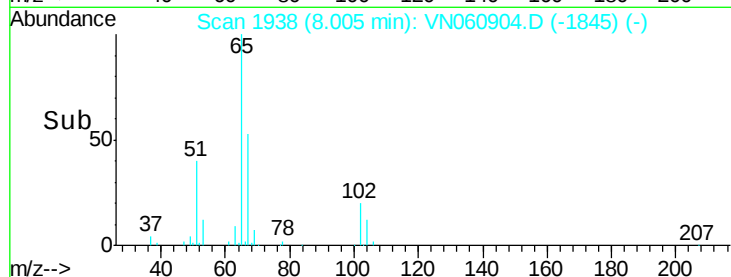
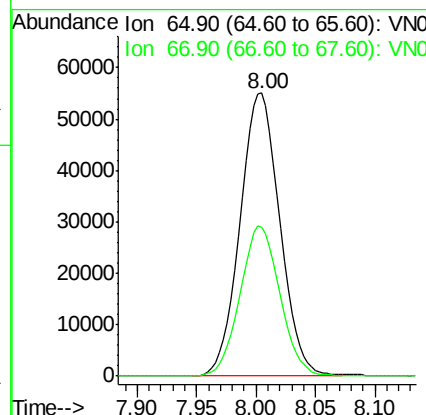
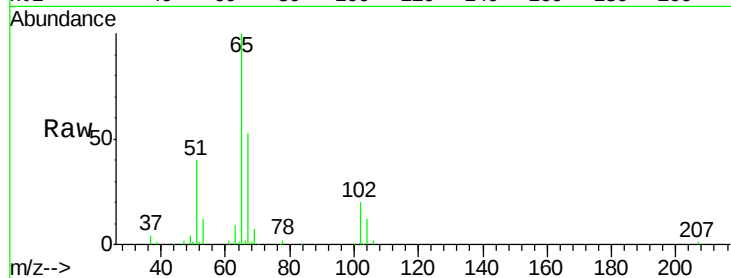




#33
 1,2-Dichloroethane-d4
 Concen: 47.954 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060904.D
 Acq: 8 Apr 2020 16:25

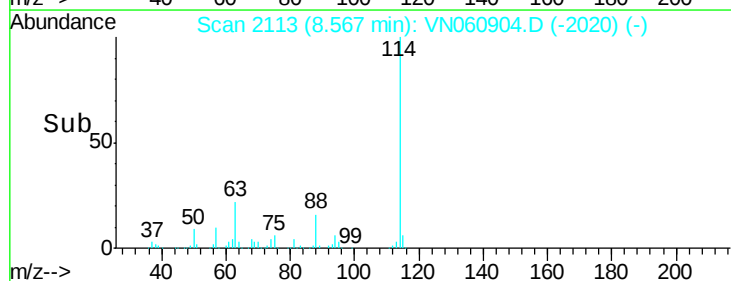
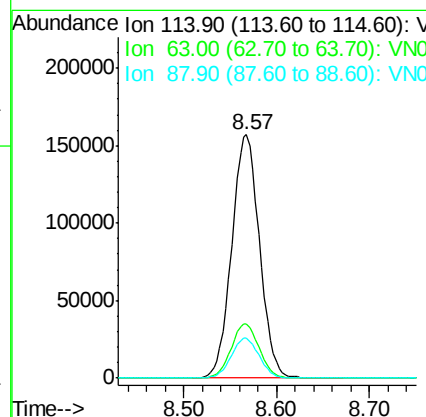
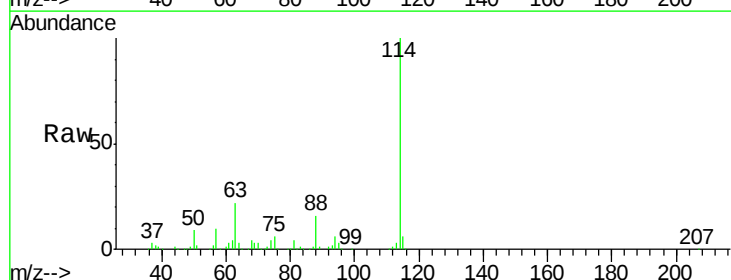
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-8:1-SOLIDS

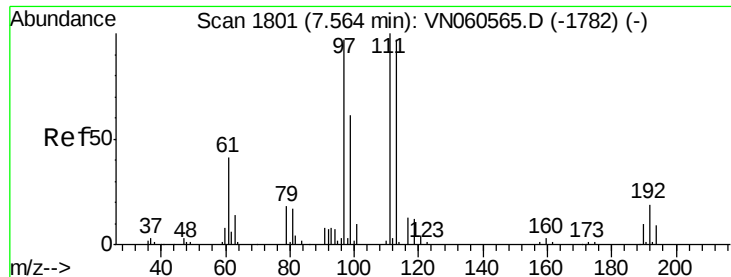
Tot Ion: 65 Resp: 127561
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060904.D
 Acq: 8 Apr 2020 16:25

Tgt Ion: 114 Resp: 325596
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.8
 88 16.2 0.0 33.0

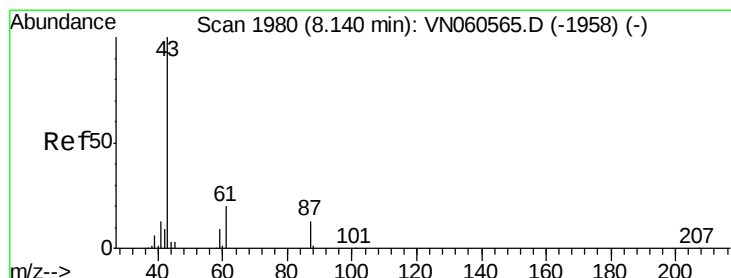
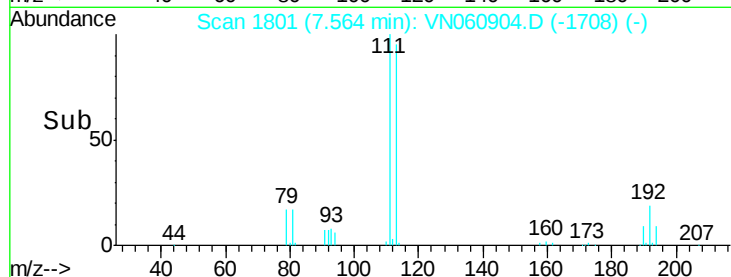
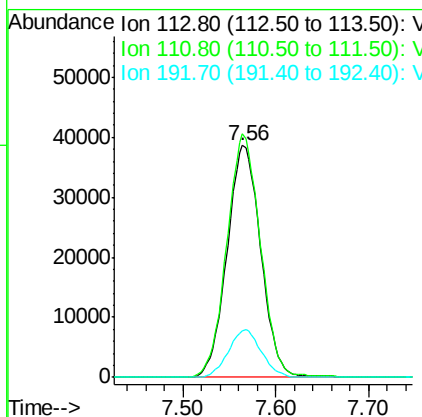
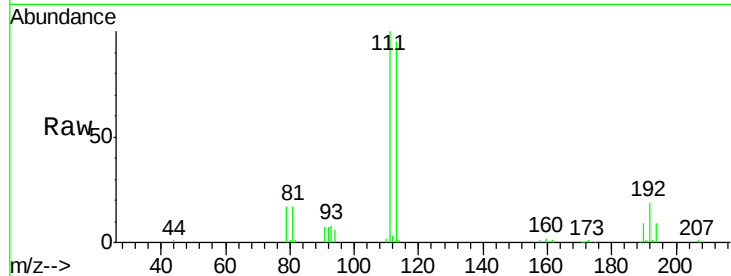




#35
 Dibromofluoromethane
 Concen: 49.515 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060904.D
 Acq: 8 Apr 2020 16:25

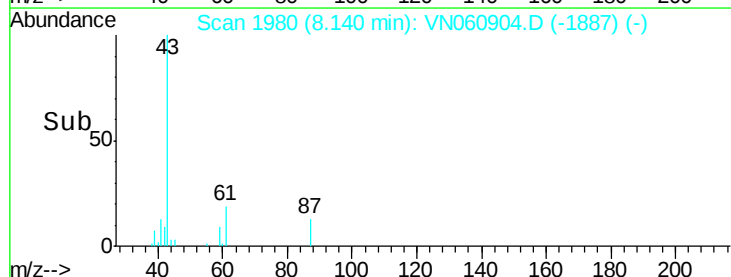
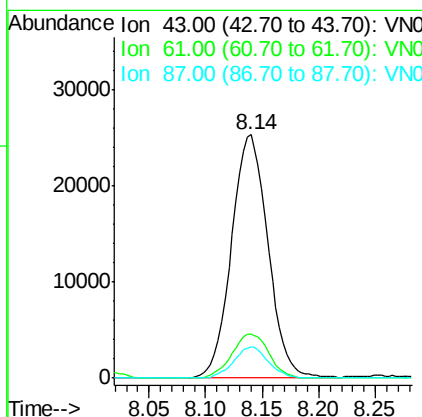
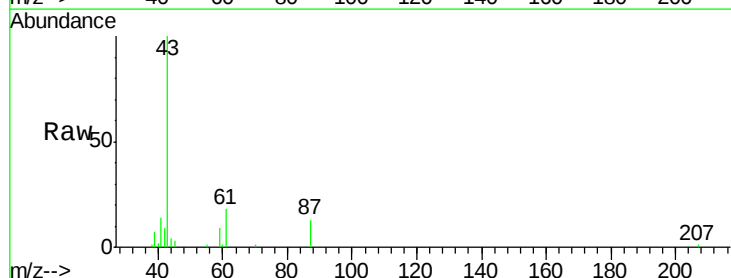
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-8:1-SOLIDS

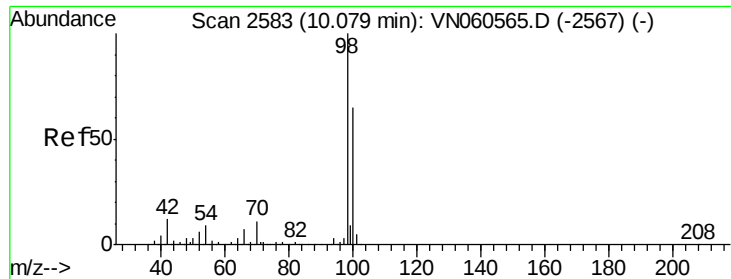
Tot Ion:113 Resp: 97485
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.9 124.3
 192 19.9 15.8 23.8



#43
 Isopropyl Acetate
 Concen: 10.140 ug/l
 RT: 8.14 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060904.D
 Acq: 8 Apr 2020 16:25

Tgt Ion: 43 Resp: 56970
 Ion Ratio Lower Upper
 43 100
 61 18.5 20.7 31.1#
 87 12.0 9.8 14.8

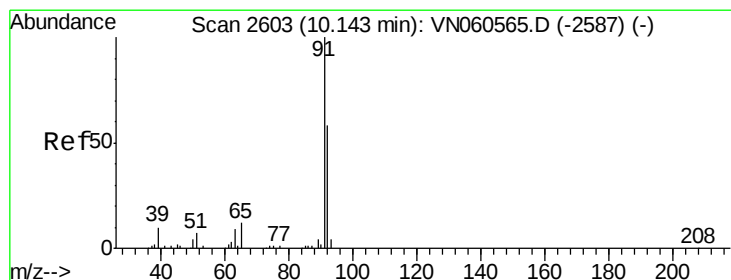
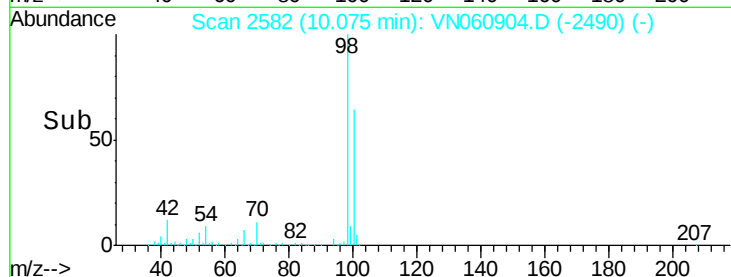
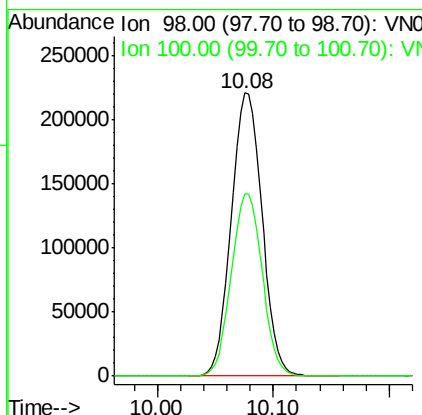
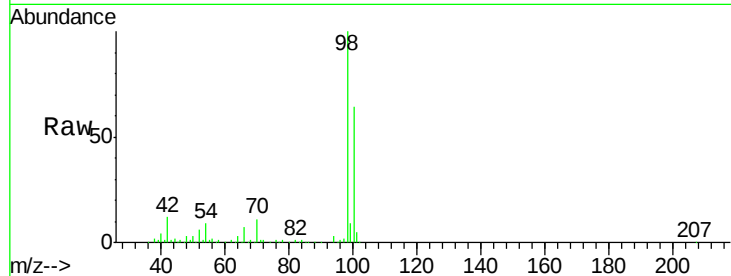




#50
Toluene-d8
Concen: 50.635 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060904.D
Acq: 8 Apr 2020 16:25

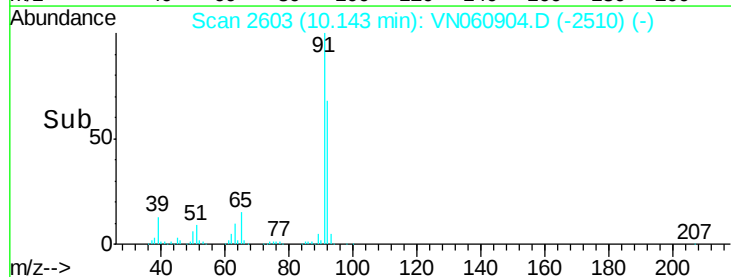
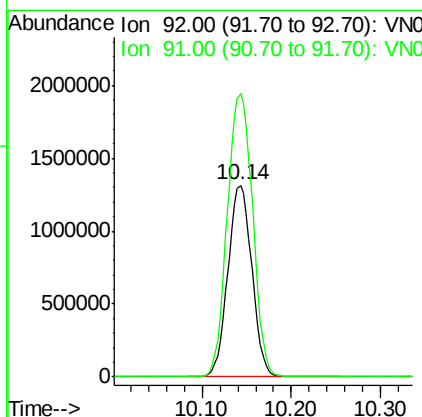
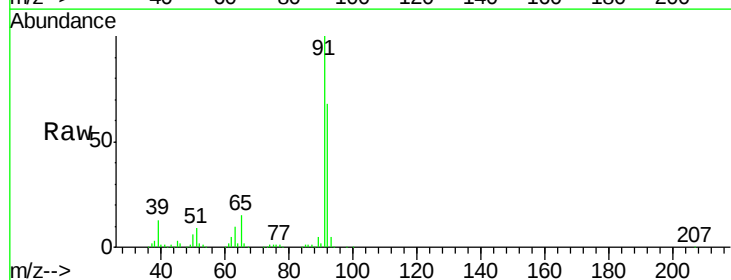
Instrument :
MSVOA_N
ClientSampleId :
COMP-8:1-SOLIDS

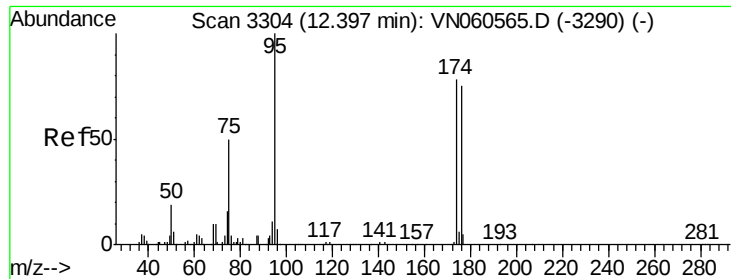
Tot Ion: 98 Resp: 407193
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.8



#52
Toluene
Concen: 424.243 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. 0.00 min
Lab File: VN060904.D
Acq: 8 Apr 2020 16:25

Tgt Ion: 92 Resp: 2438509
Ion Ratio Lower Upper
92 100
91 157.1 137.6 206.4





#62

4-Bromofluorobenzene

Concen: 52.619 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060904.D

Acq: 8 Apr 2020 16:25

Instrument :

MSVOA_N

ClientSampleId :

COMP-8:1-SOLIDS

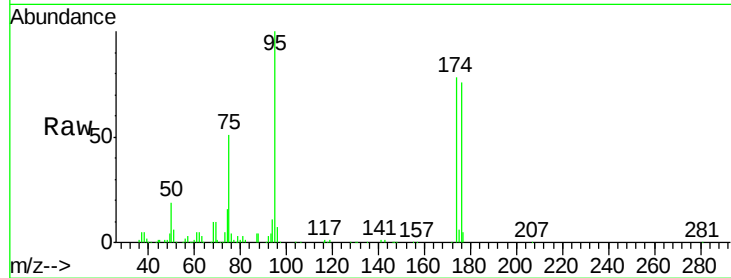
Tot Ion: 95 Resp: 155078

Ion Ratio Lower Upper

95 100

174 78.2 0.0 157.6

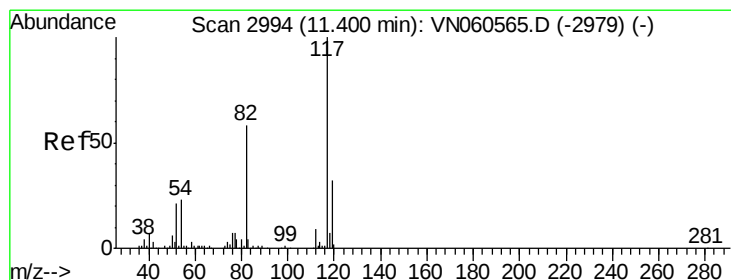
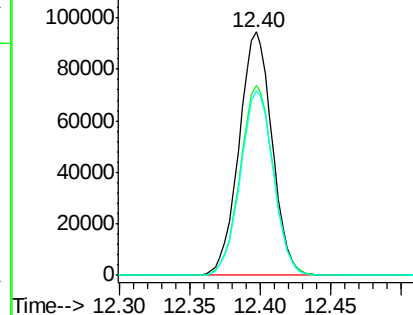
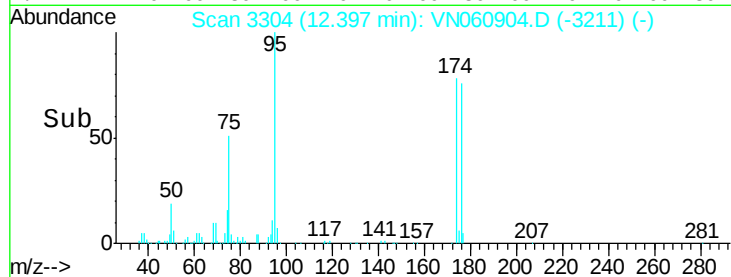
176 75.9 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060904.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060904.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060904.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060904.D

Acq: 8 Apr 2020 16:25

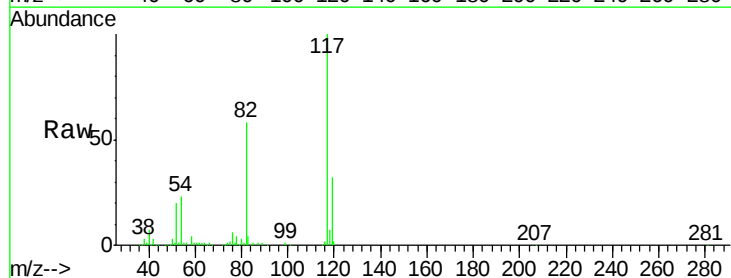
Tgt Ion: 117 Resp: 313568

Ion Ratio Lower Upper

117 100

82 57.7 46.7 70.1

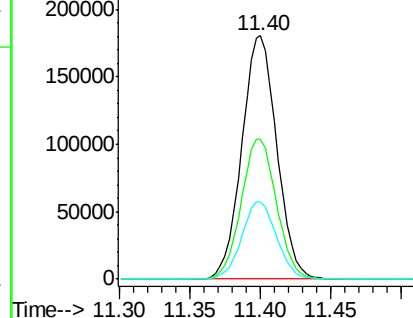
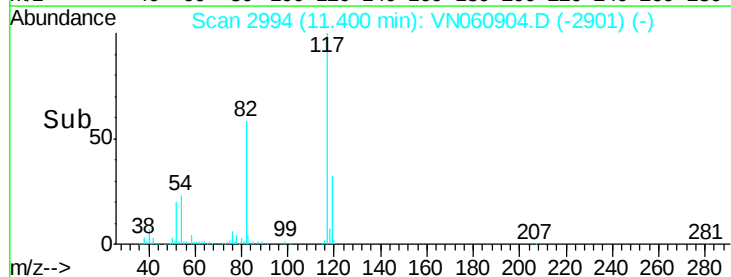
119 31.8 25.5 38.3

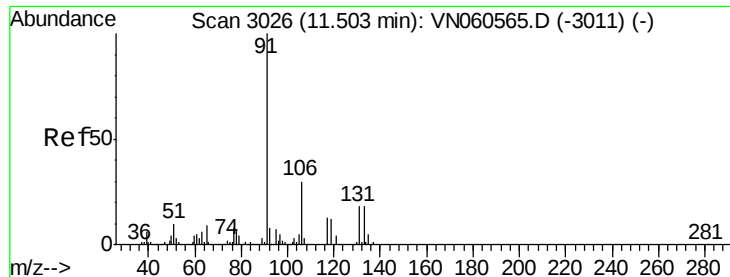


Abundance Ion 116.90 (116.60 to 117.60): VN060904.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060904.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060904.D (-2901) (-)





#67

Ethyl Benzene

Concen: 1.426 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060904.D

Acq: 8 Apr 2020 16:25

Instrument :

MSVOA_N

ClientSampleId :

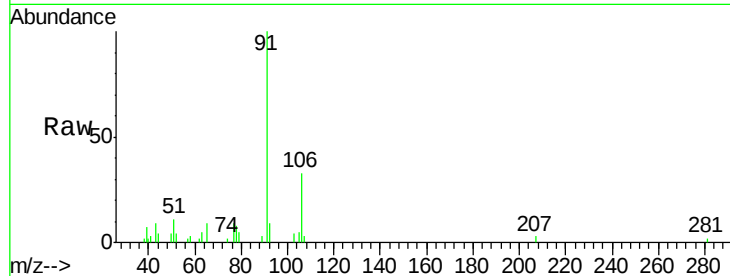
COMP-8:1-SOLIDS

Tot Ion: 91 Resp: 16483

Ion Ratio Lower Upper

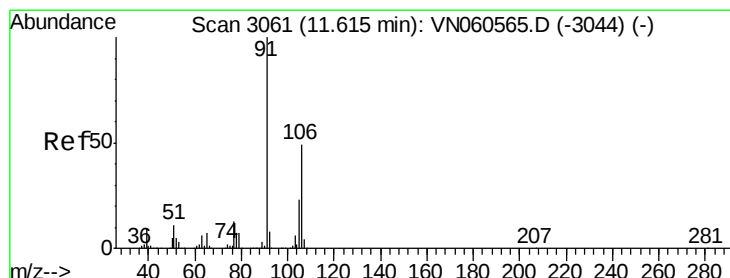
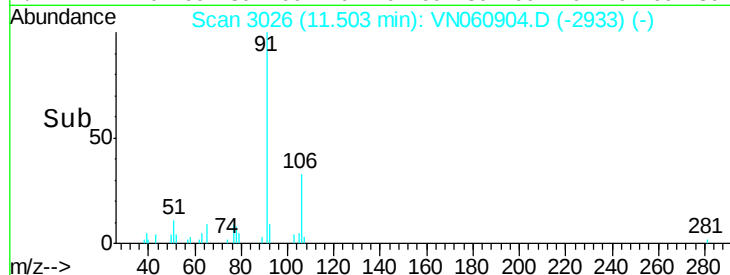
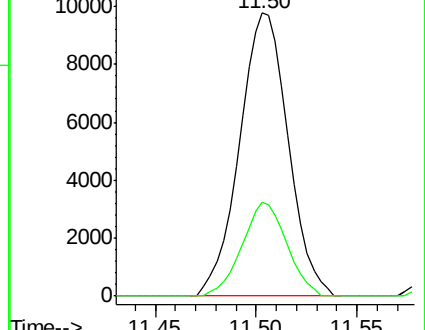
91 100

106 33.2 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VN060565.D (-3011) (-)

Ion 106.00 (105.70 to 106.70): VN060565.D (-3011) (-)



#68

m/p-Xylenes

Concen: 4.590 ug/l

RT: 11.61 min Scan# 3059

Delta R.T. -0.01 min

Lab File: VN060904.D

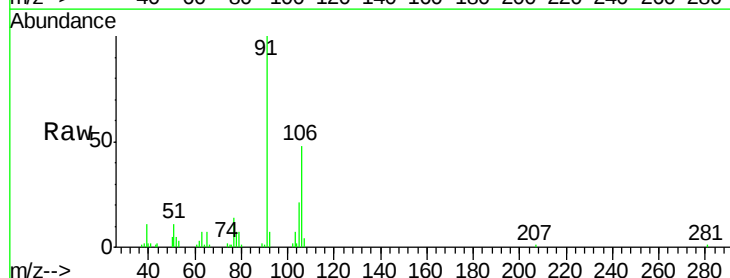
Acq: 8 Apr 2020 16:25

Tgt Ion: 106 Resp: 19719

Ion Ratio Lower Upper

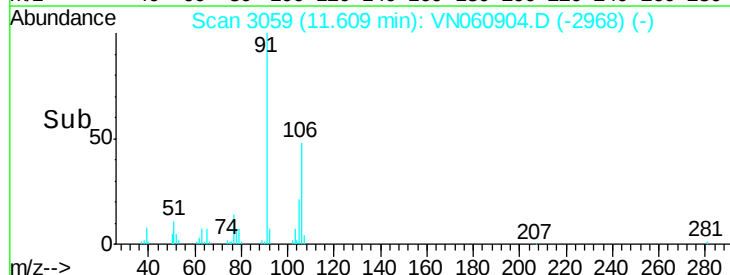
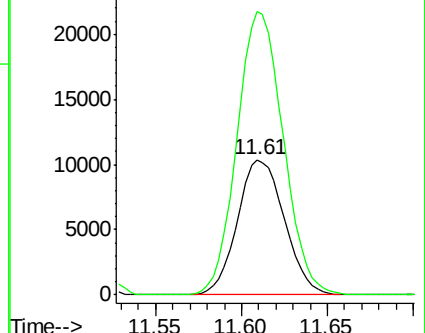
106 100

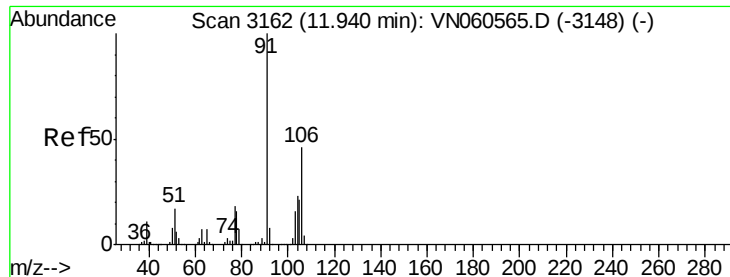
91 205.9 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): VN060565.D (-3044) (-)

Ion 91.00 (90.70 to 91.70): VN060565.D (-3044) (-)

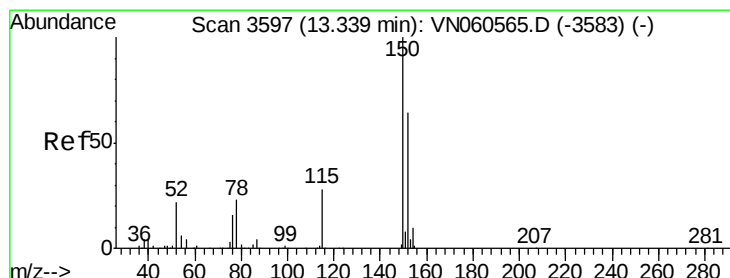
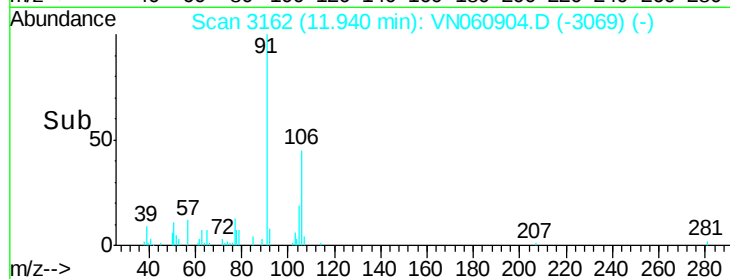
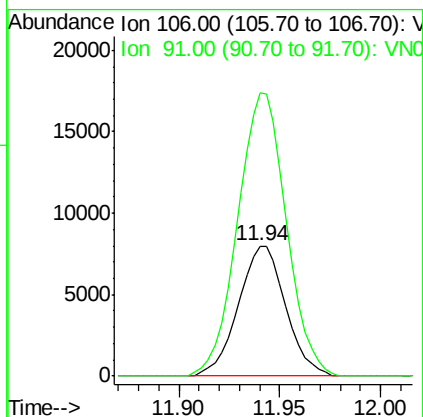
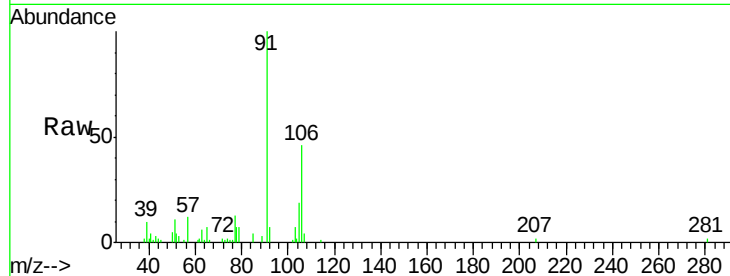




#69
o-Xylene
Concen: 3.185 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060904.D
Acq: 8 Apr 2020 16:25

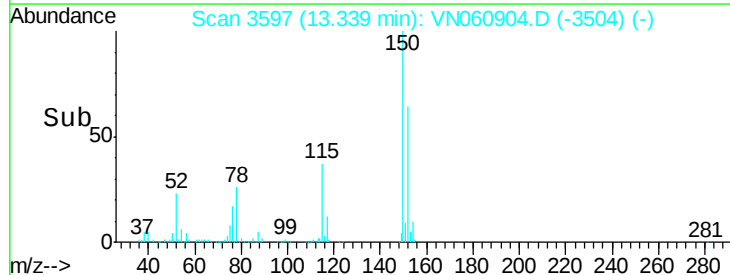
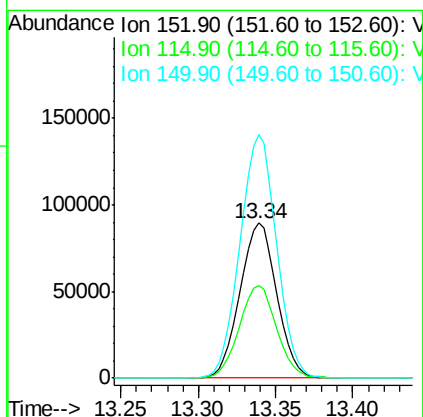
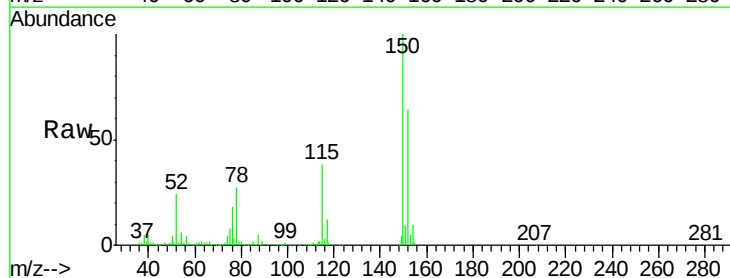
Instrument :
MSVOA_N
ClientSampleId :
COMP-8:1-SOLIDS

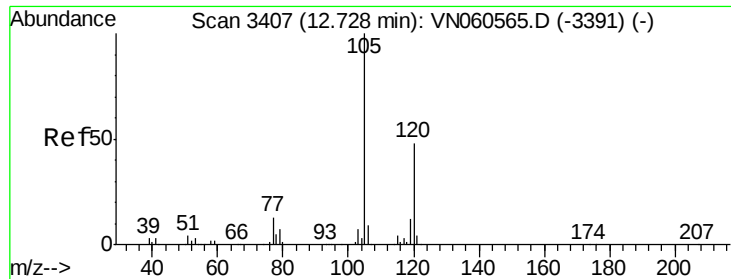
Tot Ion:106 Resp: 13063
Ion Ratio Lower Upper
106 100
91 224.4 109.5 328.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060904.D
Acq: 8 Apr 2020 16:25

Tgt Ion:152 Resp: 147819
Ion Ratio Lower Upper
152 100
115 61.1 30.2 90.6
150 156.6 0.0 350.2

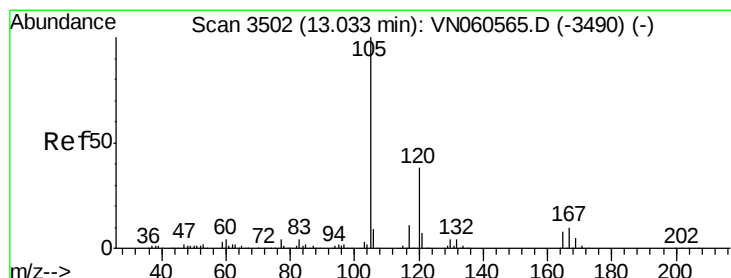
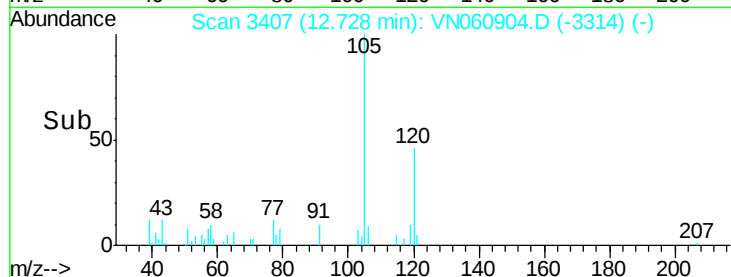
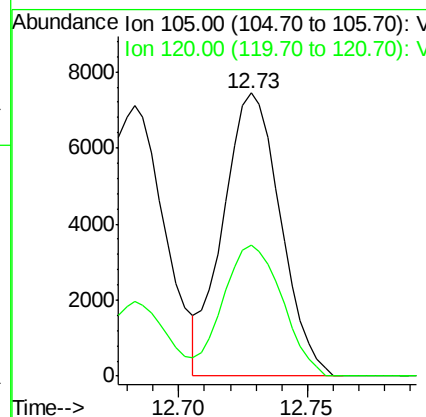
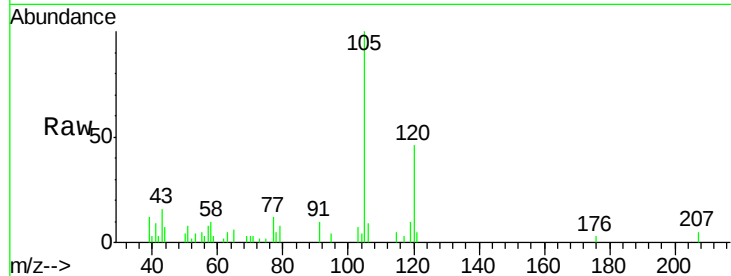




#80
 1,3,5-Trimethylbenzene
 Concen: 1.224 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN060904.D
 Acq: 8 Apr 2020 16:25

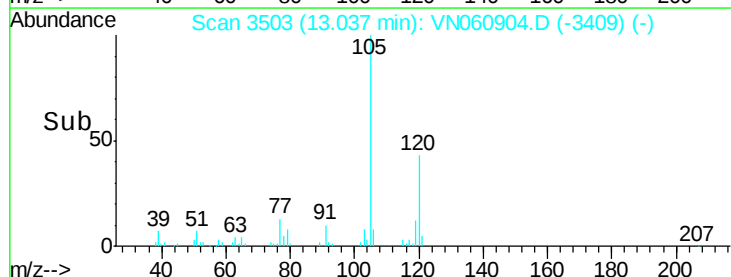
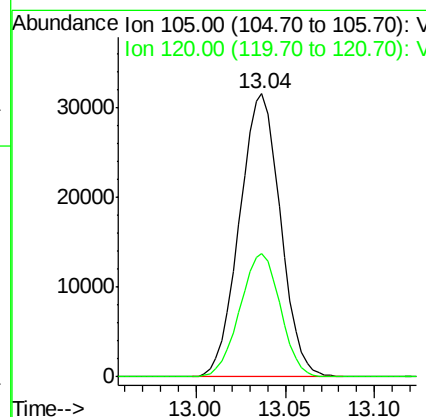
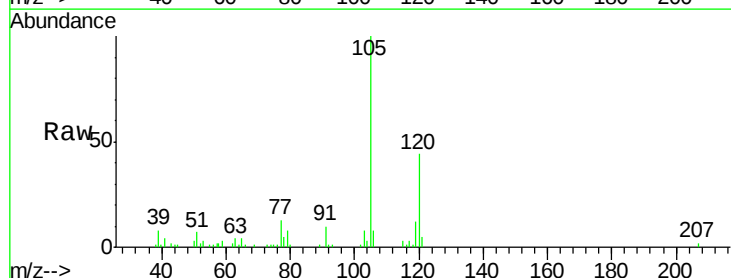
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-8:1-SOLIDS

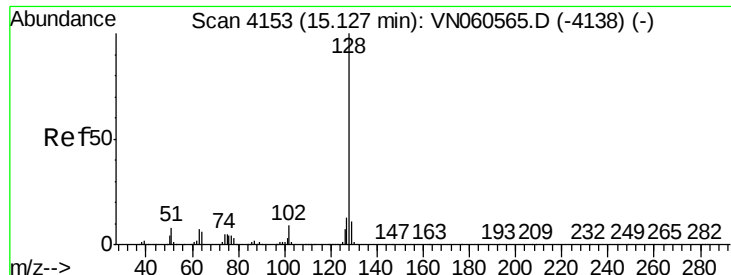
Tot Ion:105 Resp: 11521
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.9 71.7



#84
 1,2,4-Trimethylbenzene
 Concen: 5.415 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060904.D
 Acq: 8 Apr 2020 16:25

Tgt Ion:105 Resp: 50429
 Ion Ratio Lower Upper
 105 100
 120 43.1 22.1 66.5

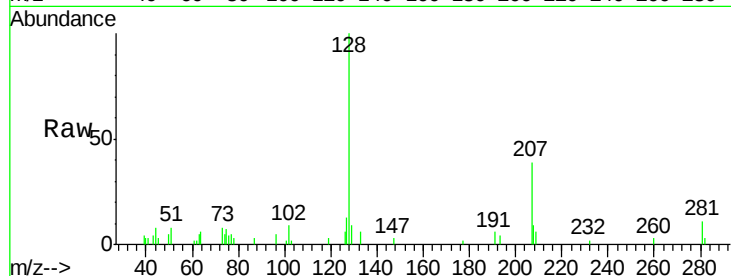




#95
Naphthalene
Concen: 1.735 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060904.D
Acq: 8 Apr 2020 16:25

Instrument :
MSVOA_N
ClientSampleId :
COMP-8:1-SOLIDS

Tot Ion:128 Resp: 14450
Ion Ratio Lower Upper
128 100
127 12.2 10.2 15.2
129 9.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

