

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061256.D
 Acq On : 2 May 2020 6:35
 Operator : JC/MD
 Sample : L2463-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AOC14-CARWASH

Quant Time: May 04 08:02:25 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

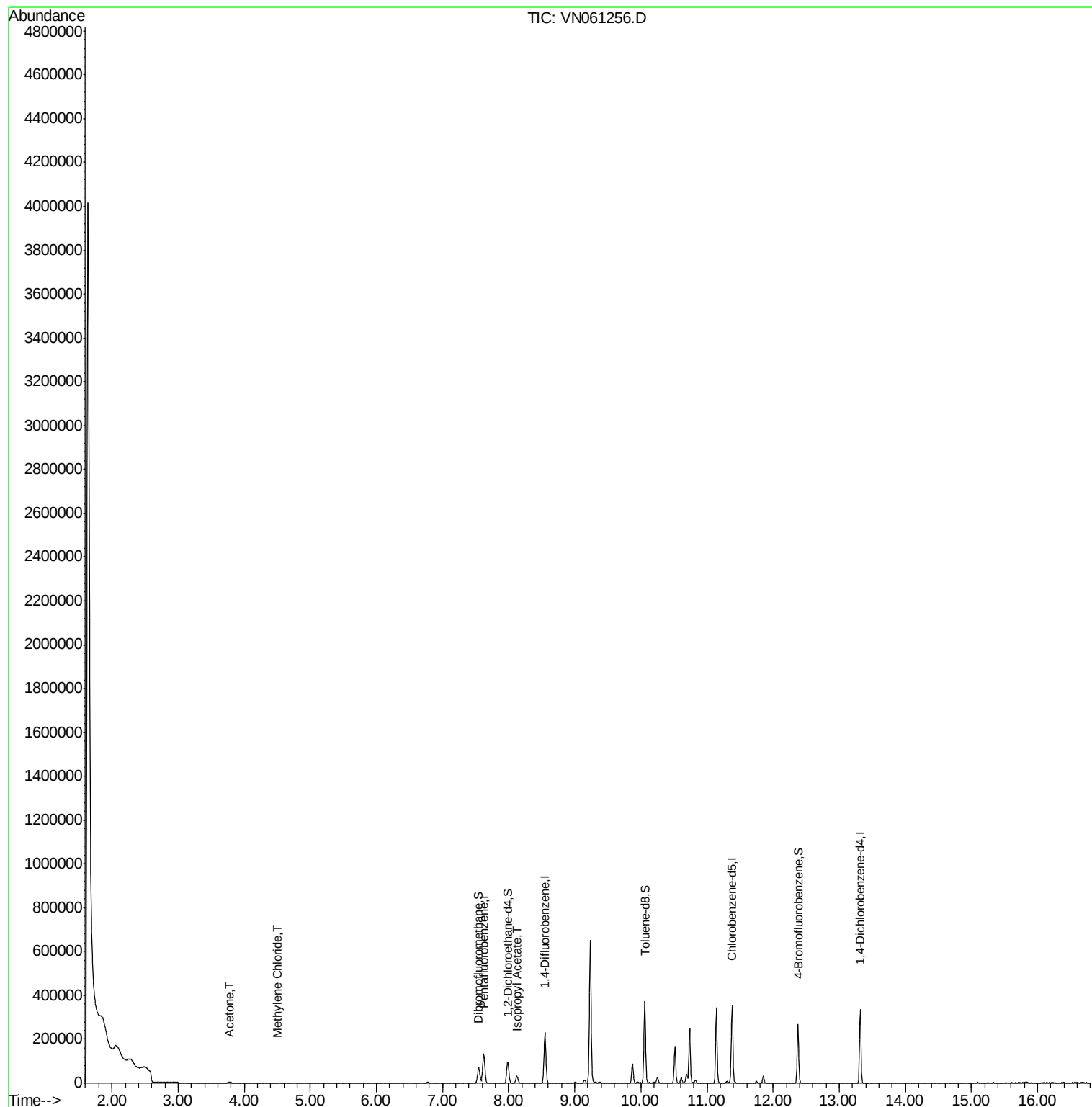
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	101544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	188107	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	188371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	81270	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	84781	52.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.54%	
35) Dibromofluoromethane	7.55	113	52548	47.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.48%	
50) Toluene-d8	10.06	98	242388	53.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.92%	
62) 4-Bromofluorobenzene	12.38	95	90750	53.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.36%	
Target Compounds						
16) Acetone	3.77	43	9123	9.364	ug/l	94
20) Methylene Chloride	4.50	84	1462	1.167	ug/l	94
43) Isopropyl Acetate	8.12	43	38918	10.623	ug/l #	90

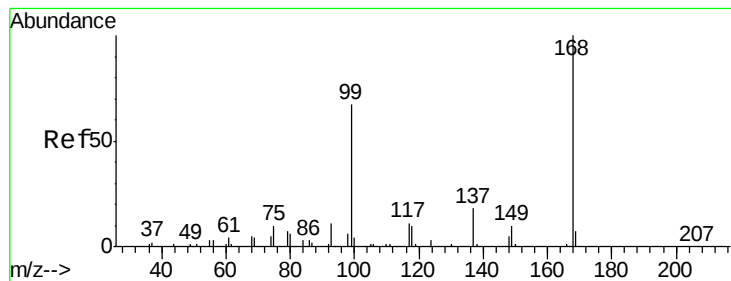
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

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Acq: 2 May 2020 6:35

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MSVOA_N

ClientSampleId :

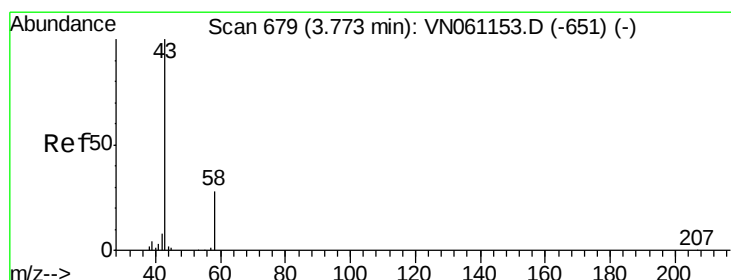
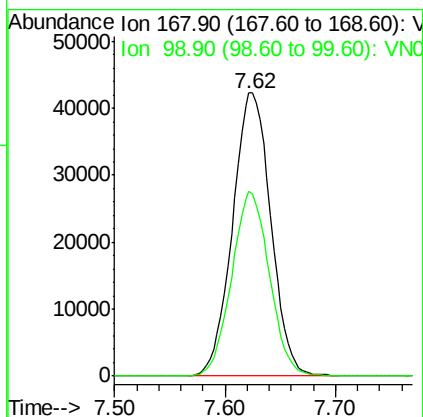
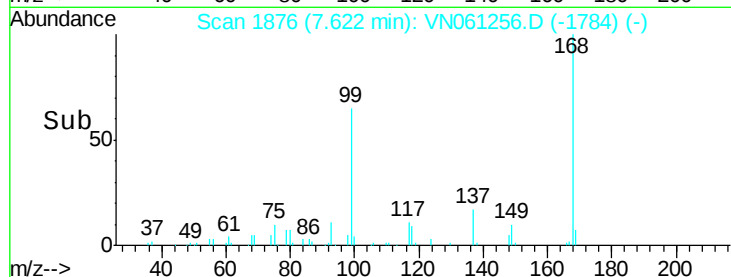
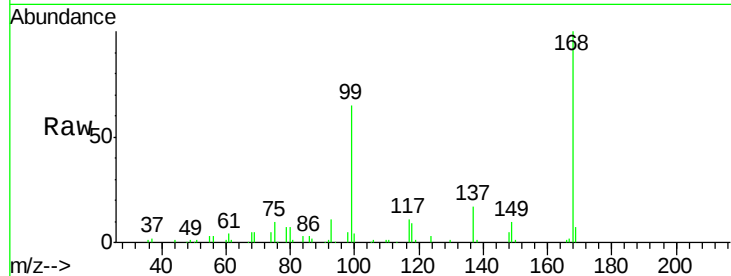
AOC14-CARWASH

Tot Ion:168 Resp: 101544

Ion Ratio Lower Upper

168 100

99 65.1 51.2 76.8



#16

Acetone

Concen: 9.364 ug/l

RT: 3.77 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN061256.D

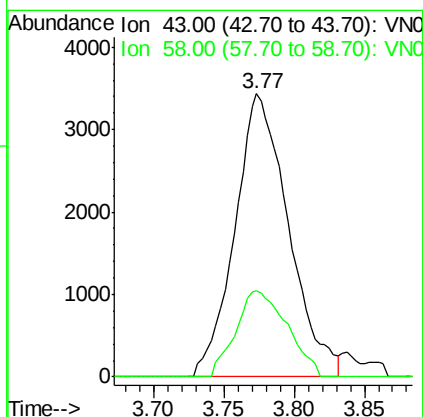
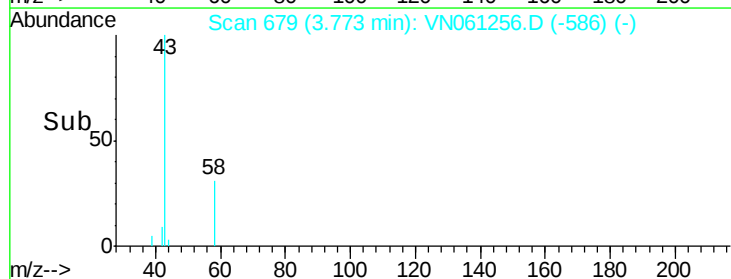
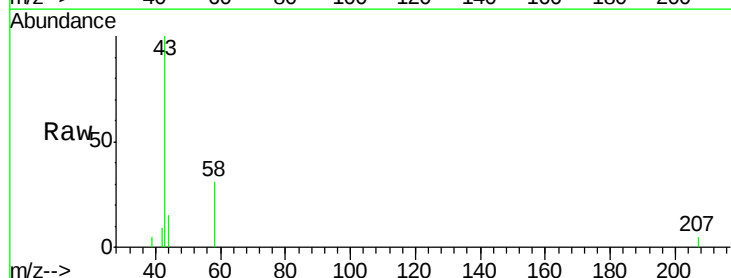
Acq: 2 May 2020 6:35

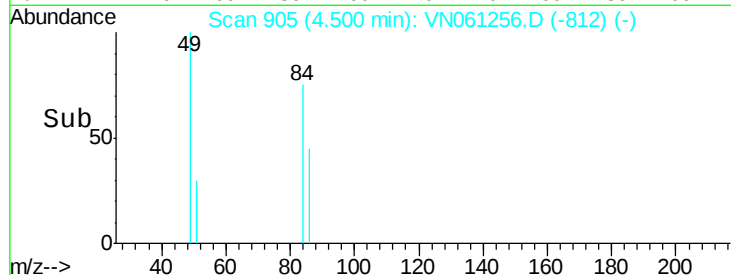
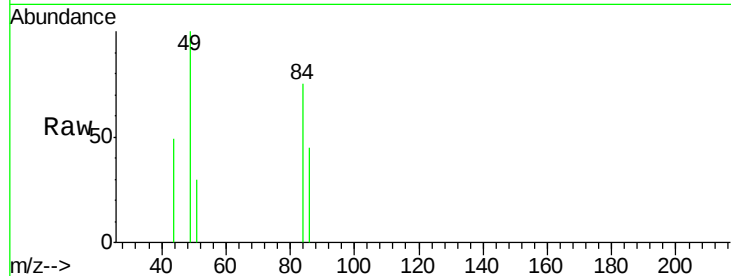
Tgt Ion: 43 Resp: 9123

Ion Ratio Lower Upper

43 100

58 30.6 22.2 33.2

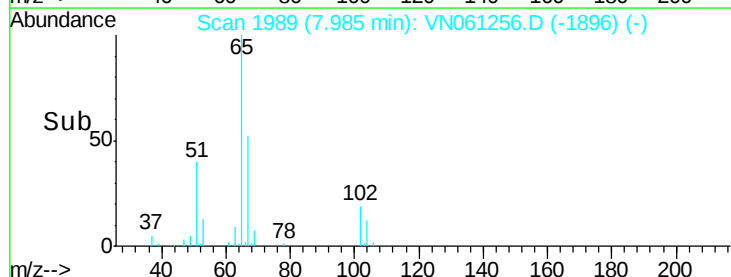
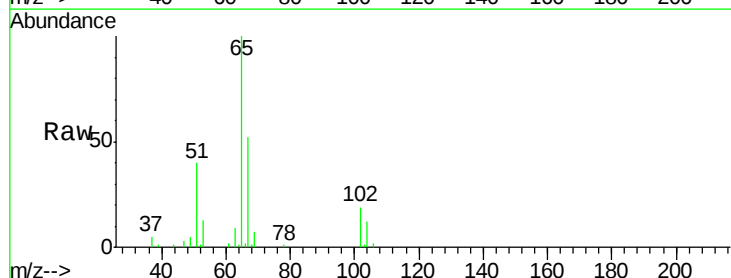
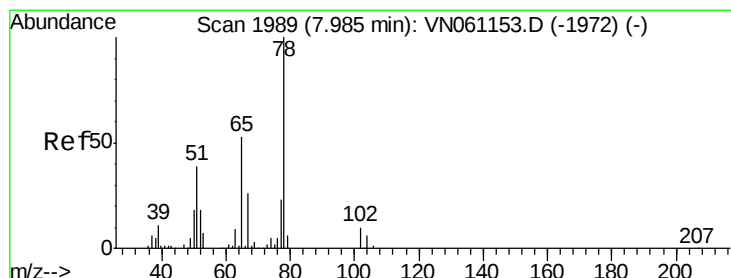
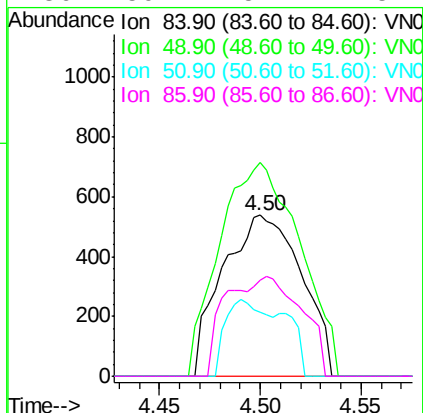




#20
Methvlene Chloride
Concen: 1.167 ug/l
RT: 4.50 min Scan# 905
Delta R.T. 0.00 min
Lab File: VN061256.D
Acq: 2 May 2020 6:35

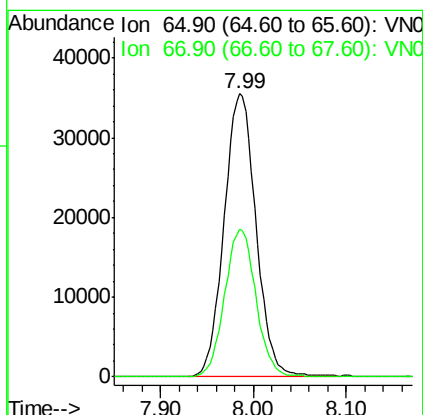
Instrument :
MSVOA_N
ClientSampleId :
AOC14-CARWASH

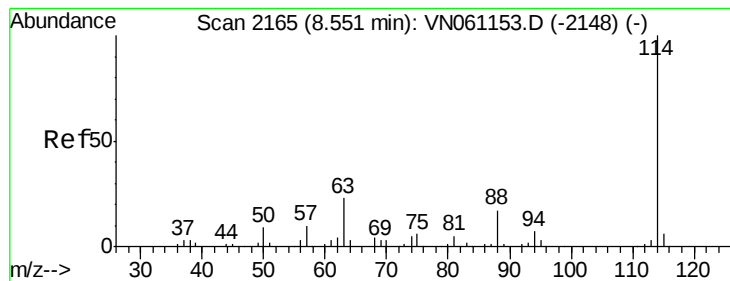
Tot Ion:	84	Resp:	1462
Ion	Ratio	Lower	Upper
84	100		
49	132.5	112.0	168.0
51	39.7	33.6	50.4
86	59.4	52.1	78.1



#33
1,2-Dichloroethane-d4
Concen: 52.766 ug/l
RT: 7.99 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN061256.D
Acq: 2 May 2020 6:35

Tgt Ion:	65	Resp:	84781
Ion	Ratio	Lower	Upper
65	100		
67	51.1	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: VN061256.D

Acq: 2 May 2020 6:35

Instrument :

MSVOA_N

ClientSampleId :

AOC14-CARWASH

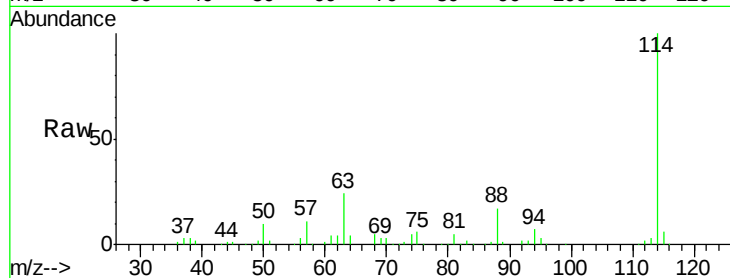
Tot Ion:114 Resp: 188107

Ion Ratio Lower Upper

114 100

63 24.3 0.0 46.6

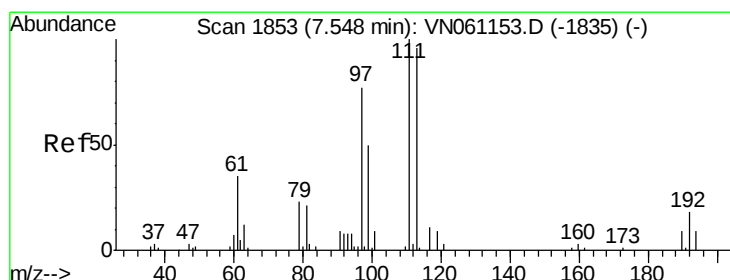
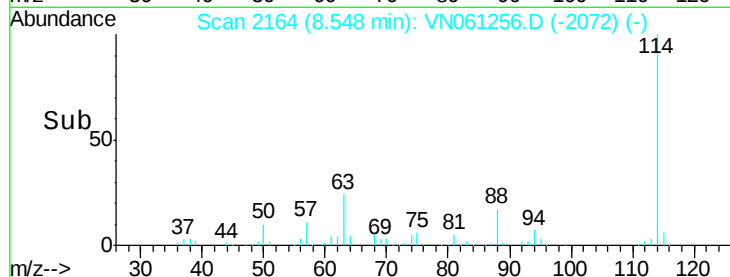
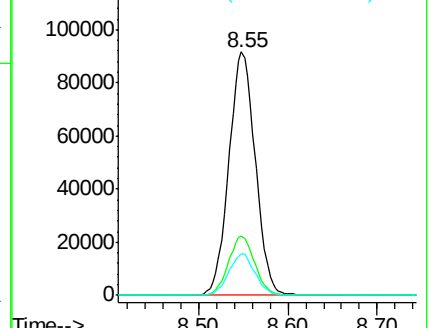
88 17.1 0.0 33.4



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: 47.242 ug/l

RT: 7.55 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VN061256.D

Acq: 2 May 2020 6:35

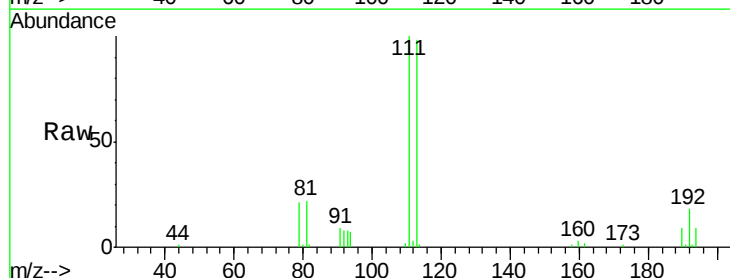
Tgt Ion:113 Resp: 52548

Ion Ratio Lower Upper

113 100

111 103.2 82.9 124.3

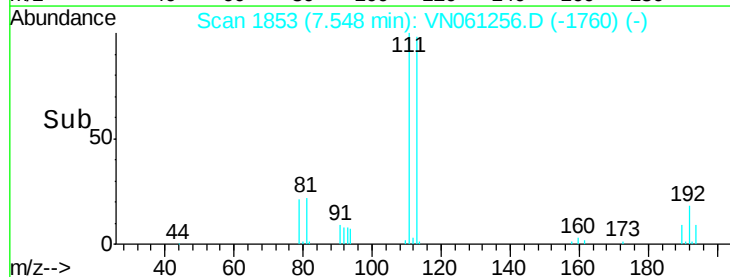
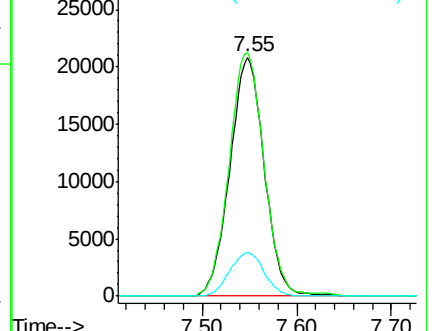
192 18.3 14.7 22.1

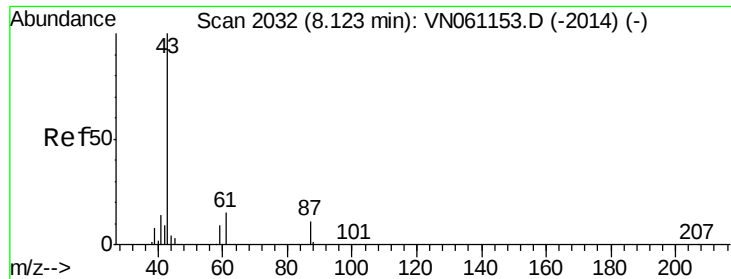


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.623 ug/l

RT: 8.12 min Scan# 2032

Delta R.T. 0.00 min

Lab File: VN061256.D

Acq: 2 May 2020 6:35

Instrument :

MSVOA_N

ClientSampleId :

AOC14-CARWASH

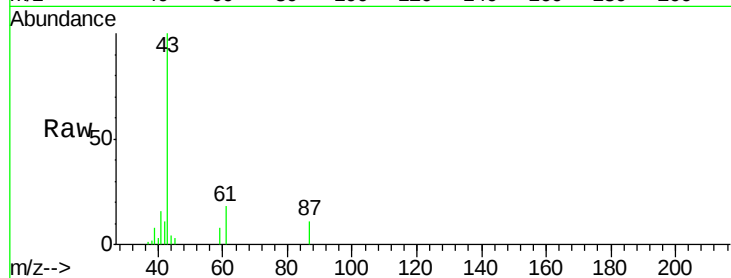
Tot Ion: 43 Resp: 38918

Ion Ratio Lower Upper

43 100

61 17.4 19.5 29.3#

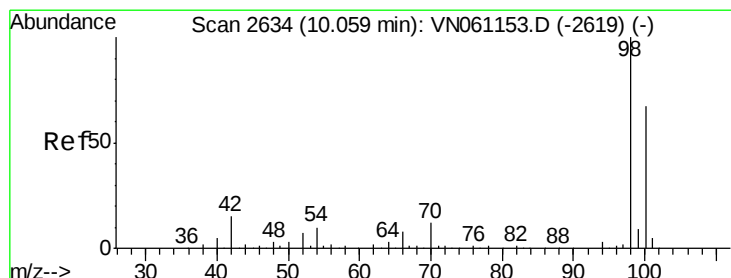
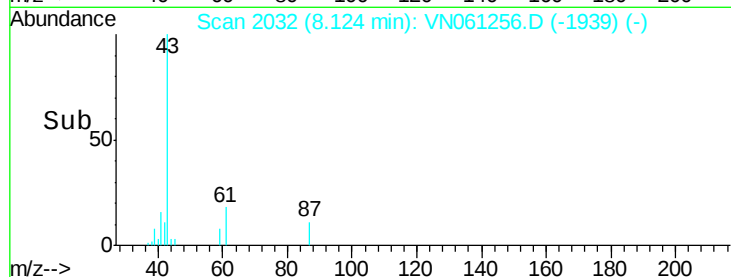
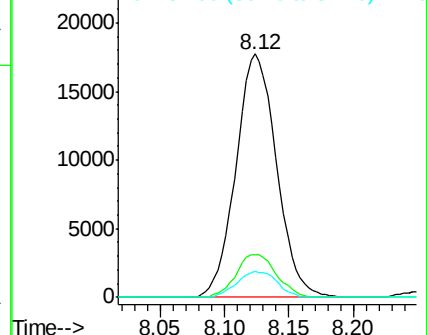
87 10.4 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2014) (-)

Ion 61.00 (60.70 to 61.70): VN061153.D (-2014) (-)

Ion 87.00 (86.70 to 87.70): VN061153.D (-2014) (-)



#50

Toluene-d8

Concen: 53.455 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061256.D

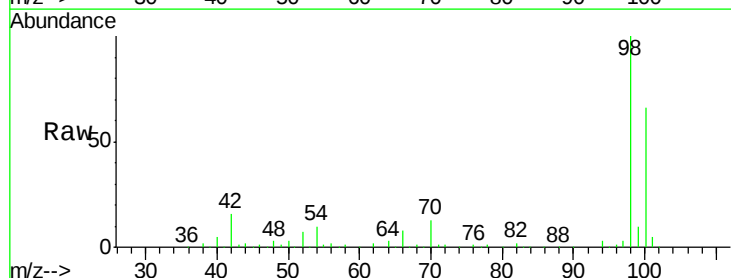
Acq: 2 May 2020 6:35

Tgt Ion: 98 Resp: 242388

Ion Ratio Lower Upper

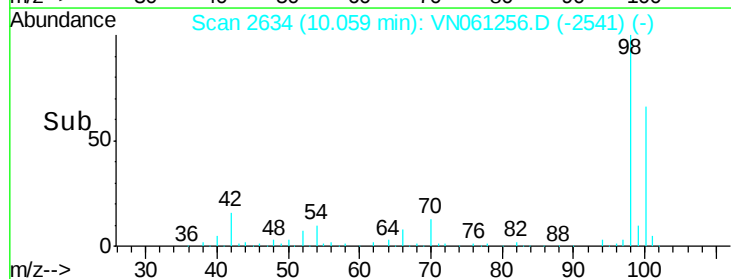
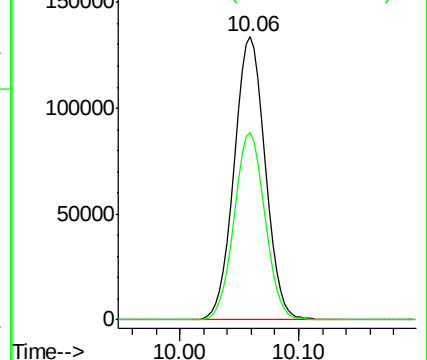
98 100

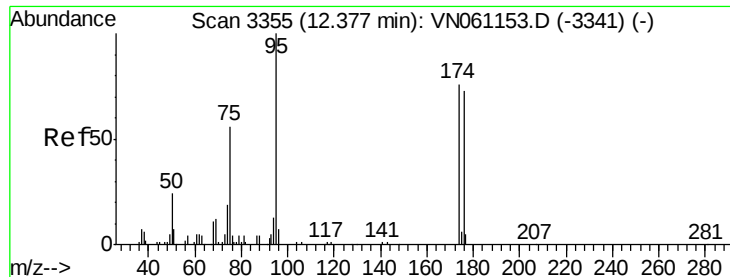
100 65.7 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN061153.D (-2619) (-)

Ion 100.00 (99.70 to 100.70): VN061153.D (-2619) (-)





#62

4-Bromofluorobenzene

Concen: 53.183 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061256.D

Acq: 2 May 2020 6:35

Instrument :

MSVOA_N

ClientSampleId :

AOC14-CARWASH

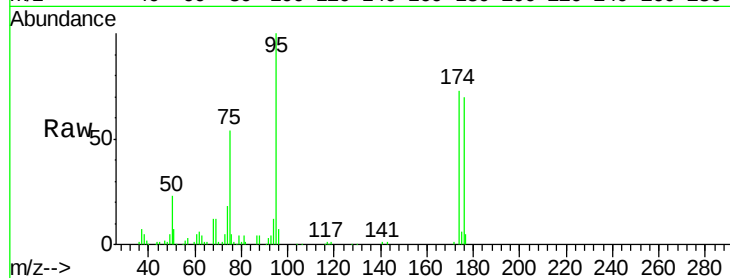
Tot Ion: 95 Resp: 90750

Ion Ratio Lower Upper

95 100

174 73.2 0.0 149.4

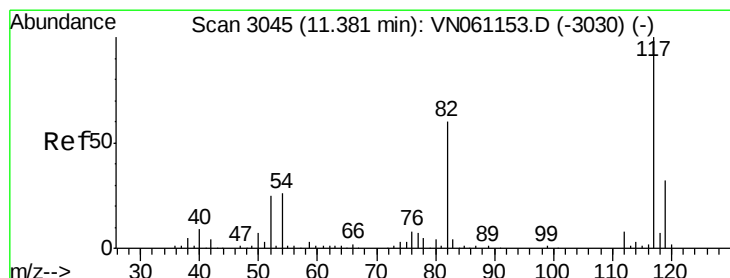
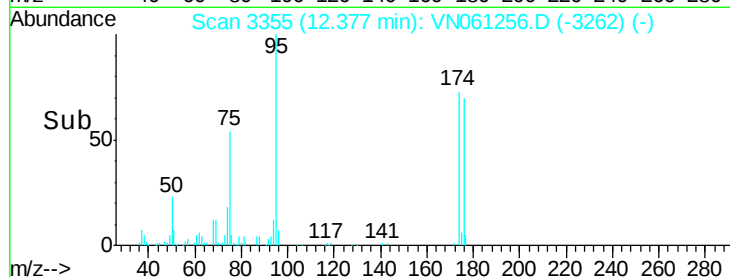
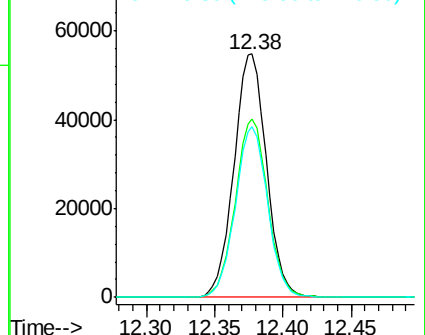
176 69.5 0.0 144.8



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: VN061256.D

Acq: 2 May 2020 6:35

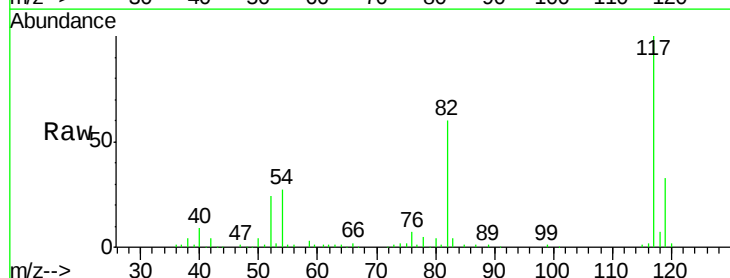
Tgt Ion: 117 Resp: 188371

Ion Ratio Lower Upper

117 100

82 60.5 47.8 71.8

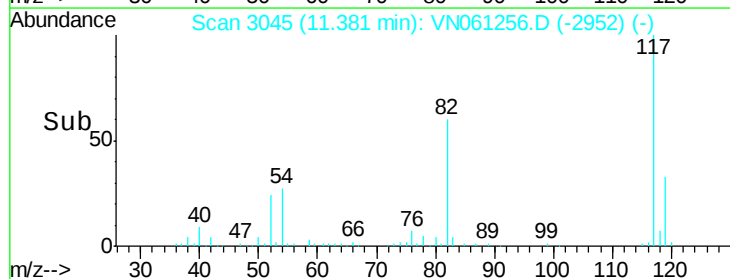
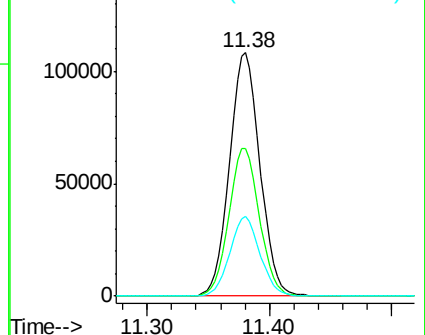
119 32.6 25.8 38.6

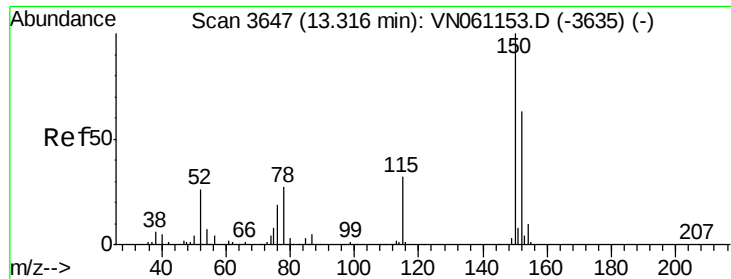


Abundance Ion 116.90 (116.60 to 117.60): VN061153.D (-3030) (-)

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# 3648

Delta R.T. 0.00 min

Lab File: VN061256.D

Acq: 2 May 2020 6:35

Instrument :

MSVOA_N

ClientSampleId :

AOC14-CARWASH

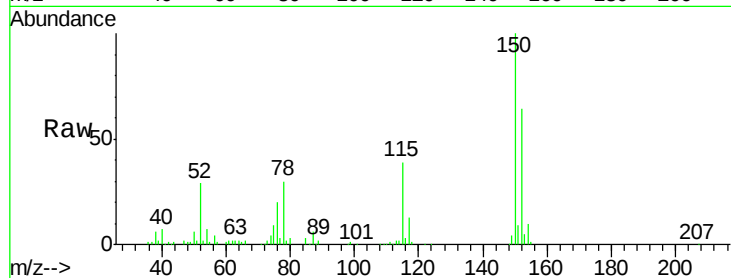
Tot Ion:152 Resp: 81270

Ion Ratio Lower Upper

152 100

115 62.7 31.0 93.0

150 157.8 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

