

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032620\
 Data File : VN060727.D
 Acq On : 26 Mar 2020 20:23
 Operator : JC/MD
 Sample : L2026-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BUS-WASH

Quant Time: Mar 27 07:40:05 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

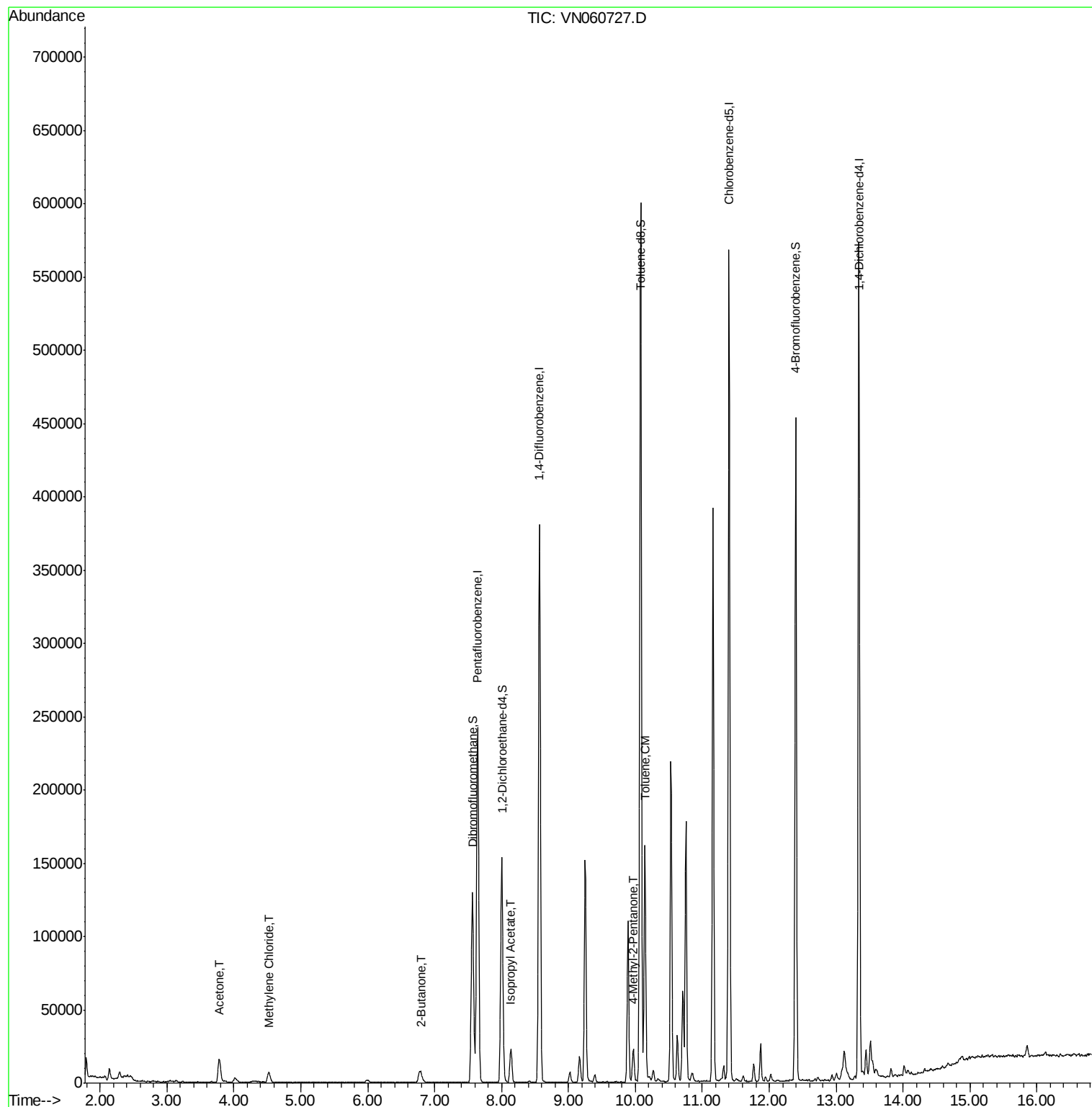
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	200281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	335238	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	318334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	150686	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	130919	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
35) Dibromofluoromethane	7.57	113	99928	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
50) Toluene-d8	10.08	98	414234	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.40	95	156506	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
Target Compounds						
16) Acetone	3.78	43	28319	29.078	ug/l	98
20) Methylene Chloride	4.52	84	5222	2.180	ug/l	93
25) 2-Butanone	6.80	43	8667	5.500	ug/l #	90
43) Isopropyl Acetate	8.14	43	28098	4.857	ug/l #	90
51) 4-Methyl-2-Pentanone	9.97	43	18342	5.572	ug/l	94
52) Toluene	10.14	92	69872	11.806	ug/l	98

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
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: VN060727.D

Acq: 26 Mar 2020 20:23

Instrument :

MSVOA_N

ClientSampleId :

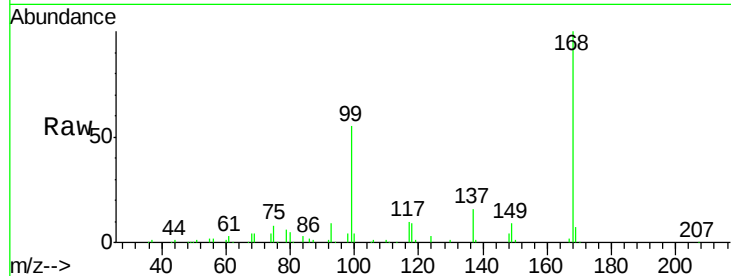
BUS-WASH

Tot Ion:168 Resp: 200281

Ion Ratio Lower Upper

168 100

99 55.3 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

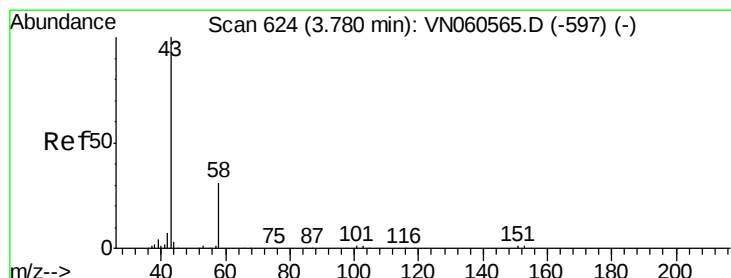
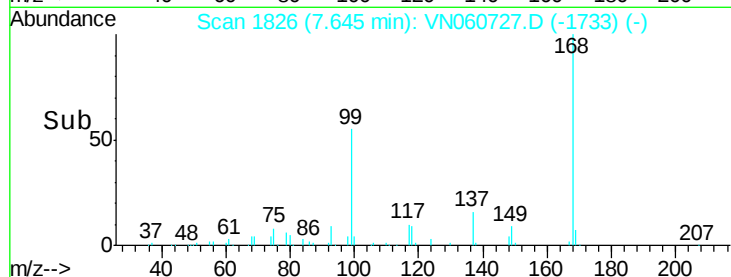
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 29.078 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060727.D

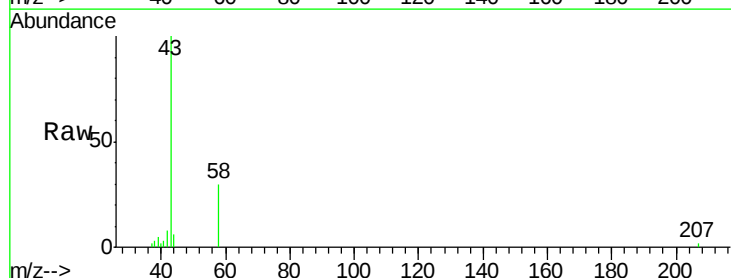
Acq: 26 Mar 2020 20:23

Tgt Ion: 43 Resp: 28319

Ion Ratio Lower Upper

43 100

58 30.2 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

12000

10000

8000

6000

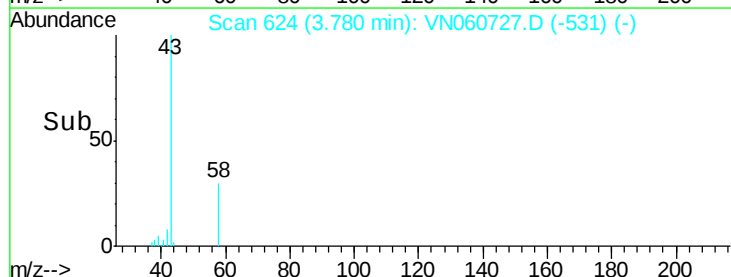
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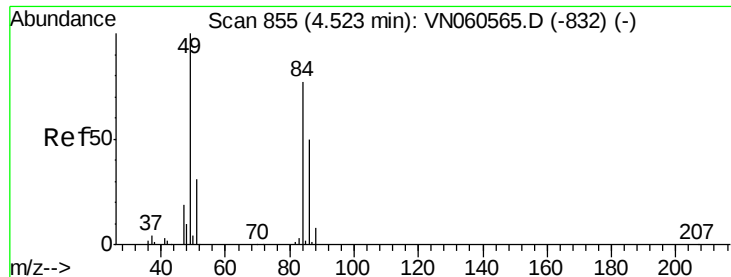
2000

0

3.70 3.75 3.80 3.85

Time-->



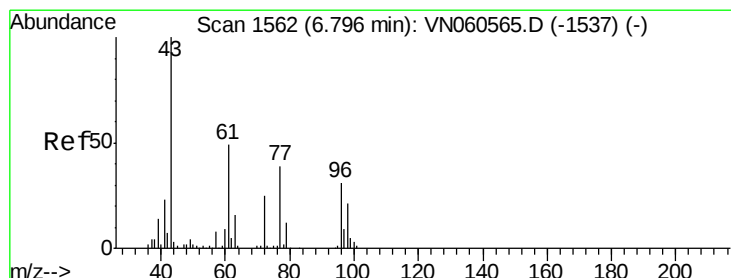
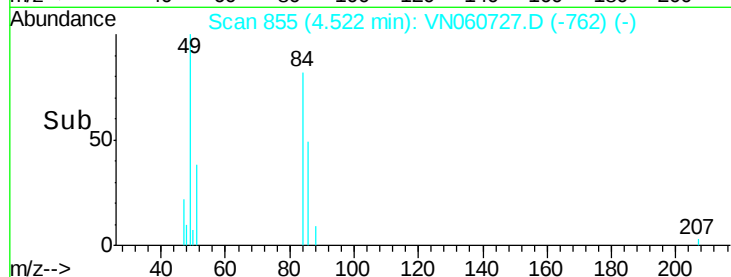
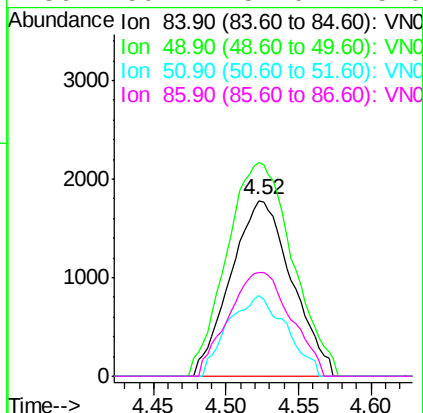
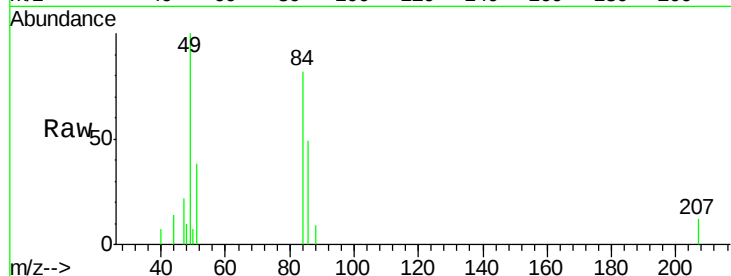


#20
Methylene Chloride
Concen: 2.180 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060727.D
Acq: 26 Mar 2020 20:23

Instrument :
MSVOA_N
ClientSampleId :
BUS-WASH

Tot Ion: 84 Resp: 5222

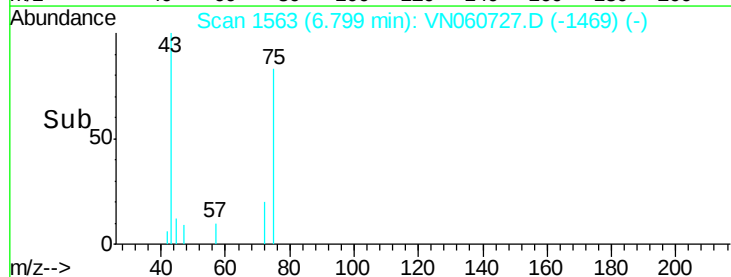
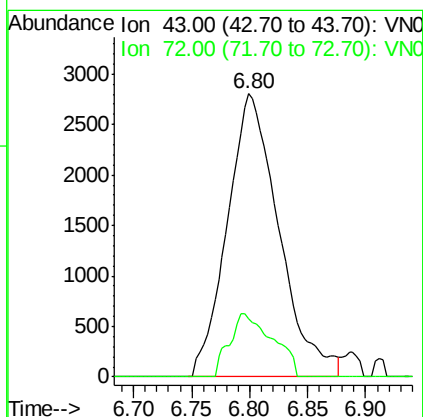
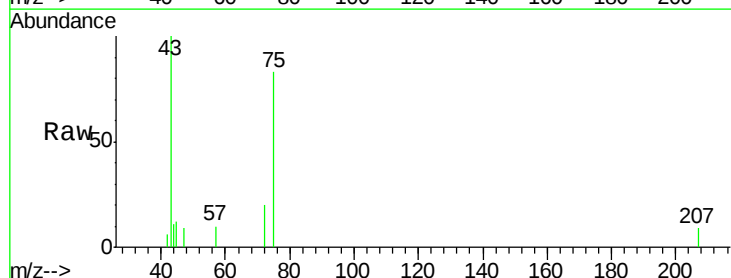
Ion	Ratio	Lower	Upper
84	100		
49	121.8	103.3	154.9
51	45.8	31.6	47.4
86	59.1	52.0	78.0



#25
2-Butanone
Concen: 5.500 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN060727.D
Acq: 26 Mar 2020 20:23

Tgt Ion: 43 Resp: 8667

Ion	Ratio	Lower	Upper
43	100		
72	20.4	20.4	30.6#

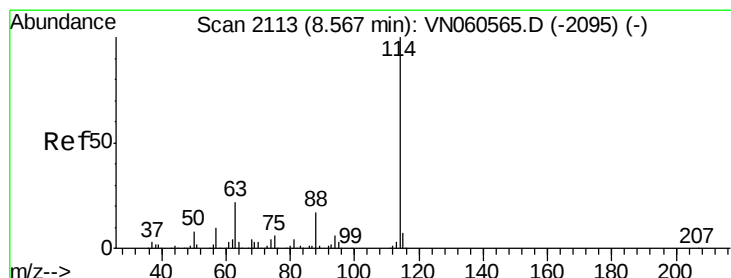
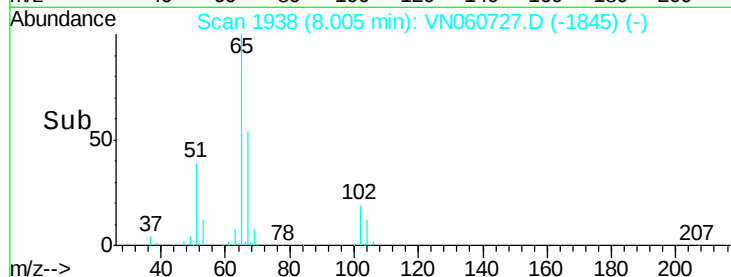
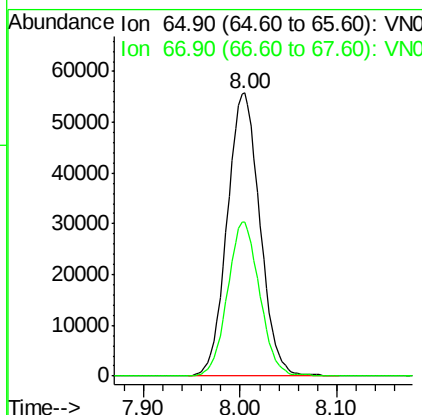
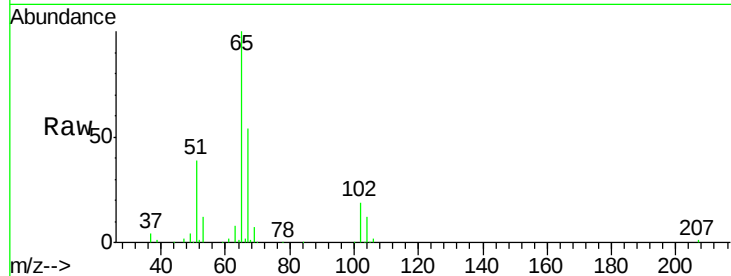




#33
 1,2-Dichloroethane-d4
 Concen: 47.617 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060727.D
 Acq: 26 Mar 2020 20:23

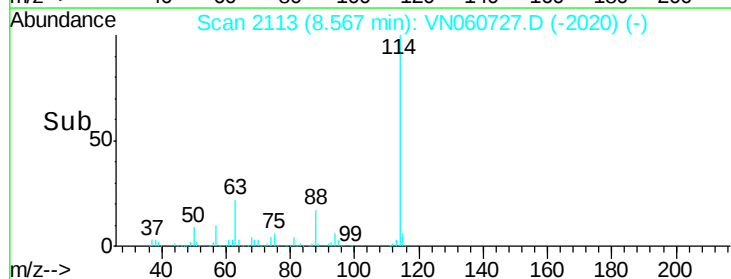
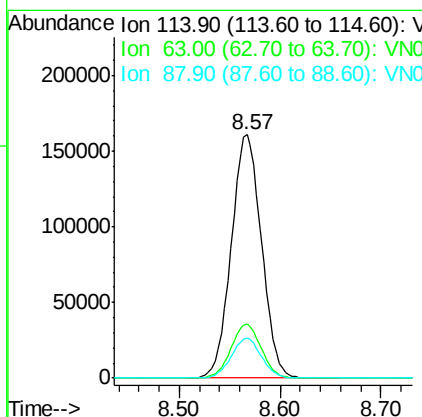
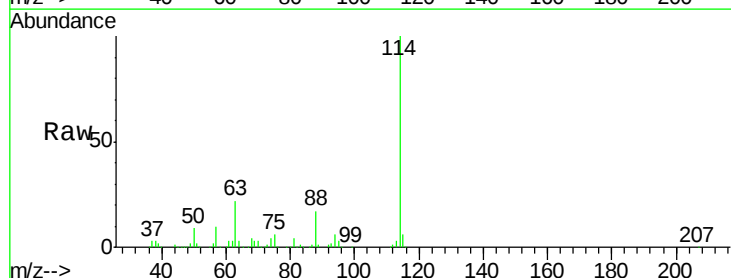
Instrument :
 MSVOA_N
 ClientSampleId :
 BUS-WASH

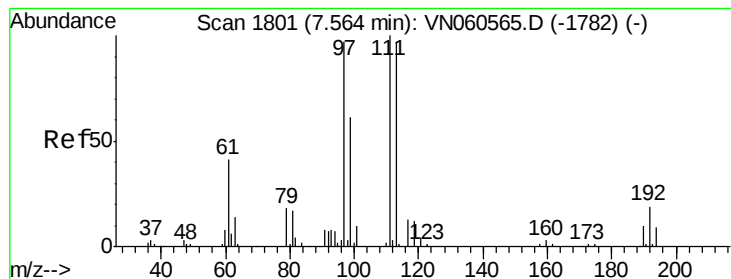
Tot Ion: 65 Resp: 130919
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060727.D
 Acq: 26 Mar 2020 20:23

Tgt Ion: 114 Resp: 335238
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.8
 88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.297 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060727.D

Acq: 26 Mar 2020 20:23

Instrument :

MSVOA_N

ClientSampleId :

BUS-WASH

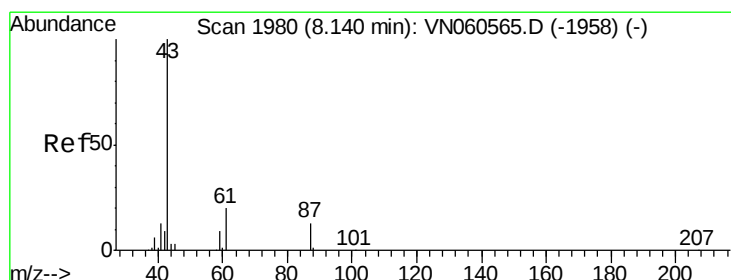
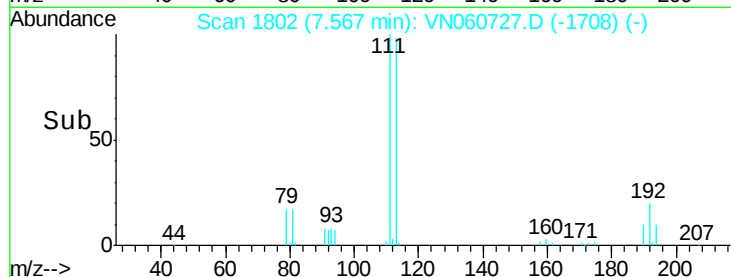
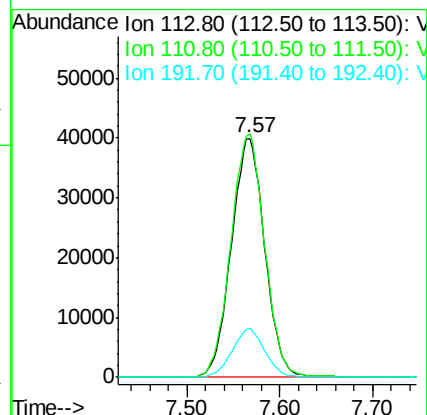
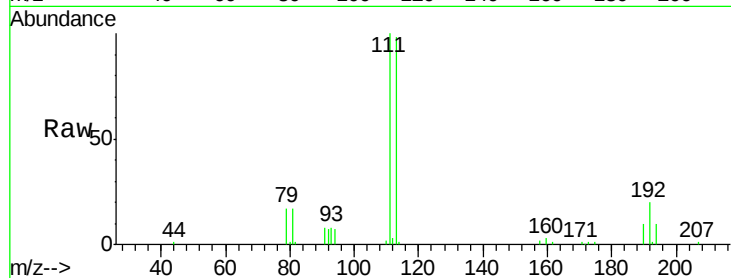
Tot Ion:113 Resp: 99928

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

192 19.8 15.8 23.8



#43

Isopropyl Acetate

Concen: 4.857 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060727.D

Acq: 26 Mar 2020 20:23

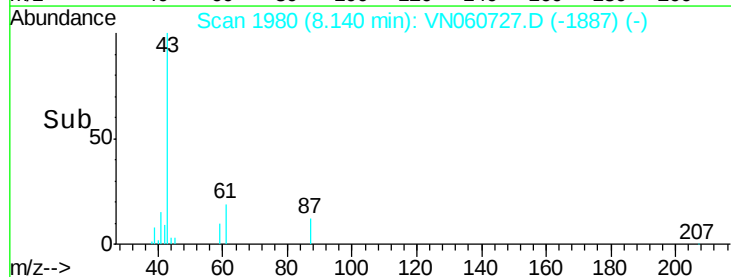
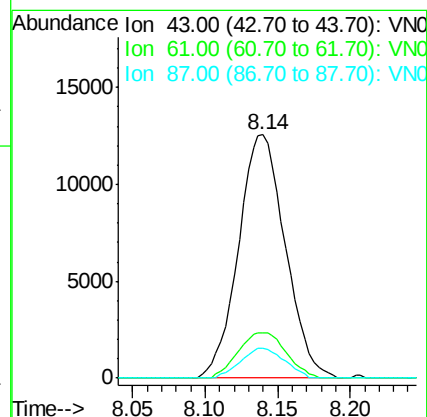
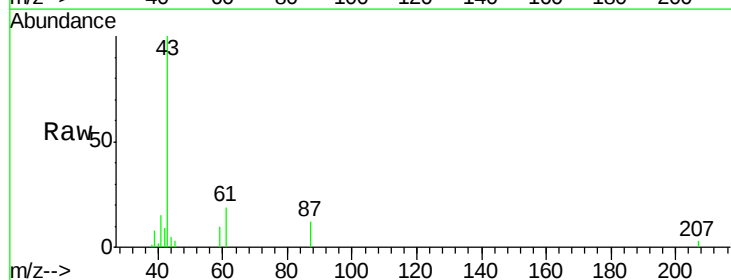
Tgt Ion: 43 Resp: 28098

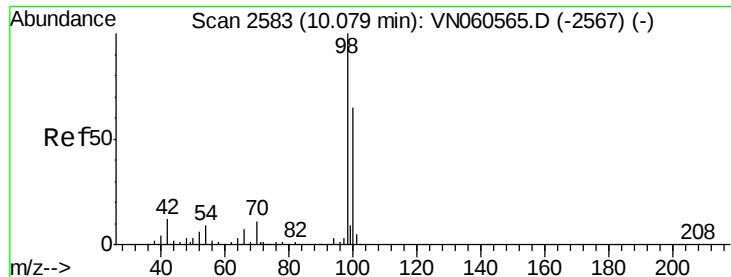
Ion Ratio Lower Upper

43 100

61 19.1 20.7 31.1#

87 11.3 9.8 14.8





#50

Toluene-d8

Concen: 50.029 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060727.D

Acq: 26 Mar 2020 20:23

Instrument :

MSVOA_N

ClientSampled :

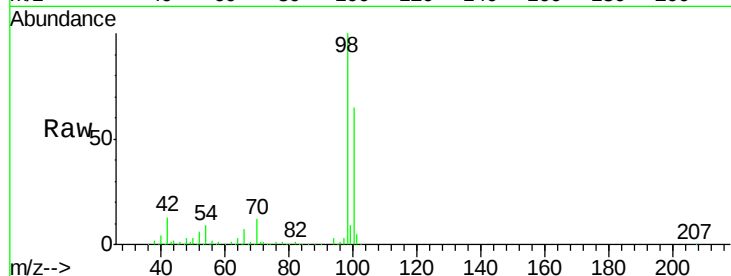
BUS-WASH

Tot Ion: 98 Resp: 414234

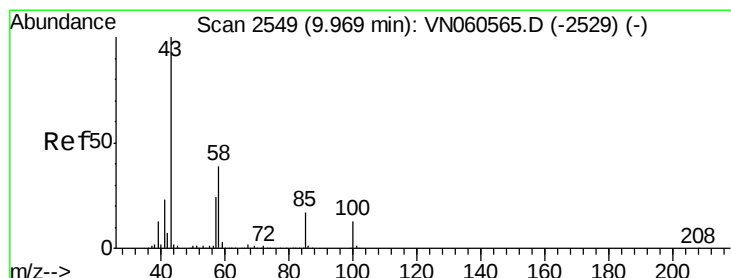
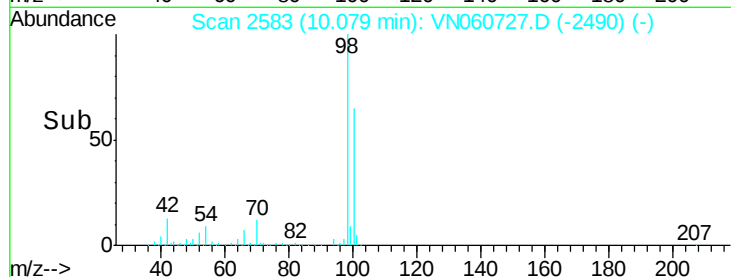
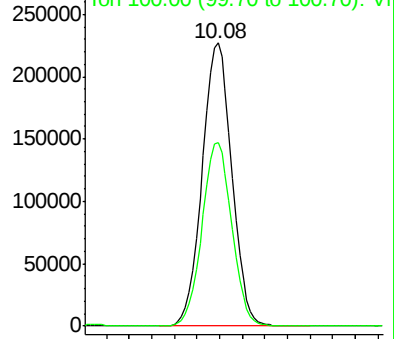
Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060727.D (-2490) (-)



#51

4-Methyl-2-Pentanone

Concen: 5.572 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN060727.D

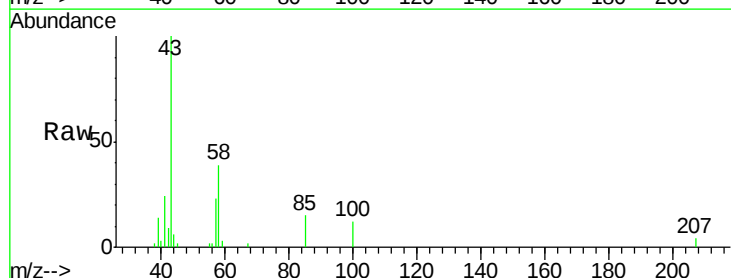
Acq: 26 Mar 2020 20:23

Tgt Ion: 43 Resp: 18342

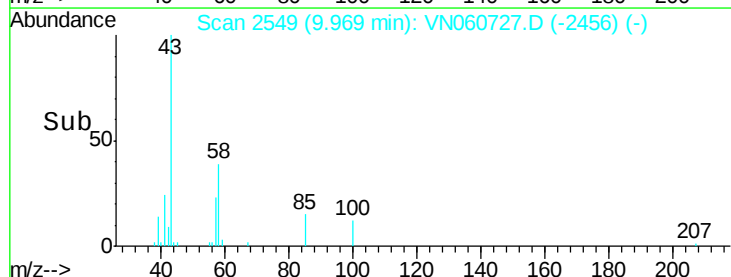
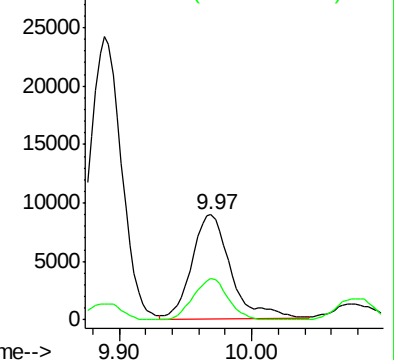
Ion Ratio Lower Upper

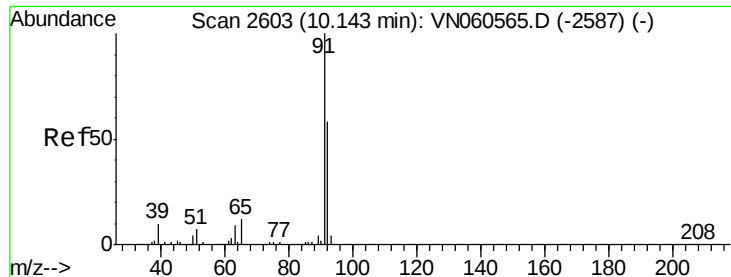
43 100

58 35.2 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VN060727.D (-2456) (-)





#52

Toluene

Concen: 11.806 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060727.D

Acq: 26 Mar 2020 20:23

Instrument :

MSVOA_N

ClientSampleId :

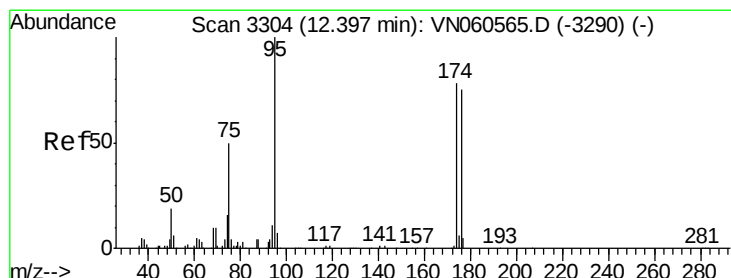
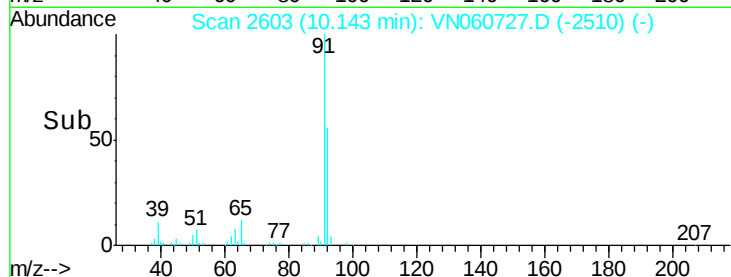
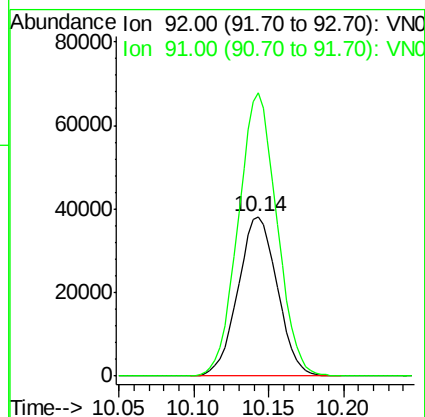
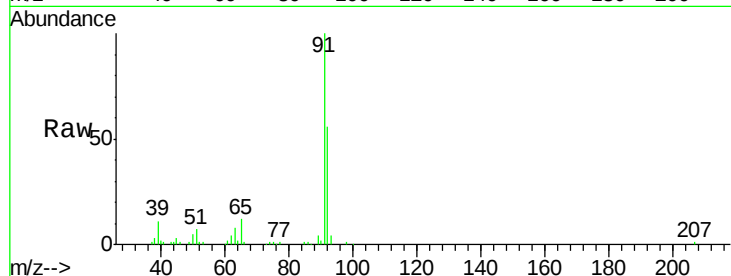
BUS-WASH

Tot Ion: 92 Resp: 69872

Ion Ratio Lower Upper

92 100

91 174.8 137.6 206.4



#62

4-Bromofluorobenzene

Concen: 51.577 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060727.D

Acq: 26 Mar 2020 20:23

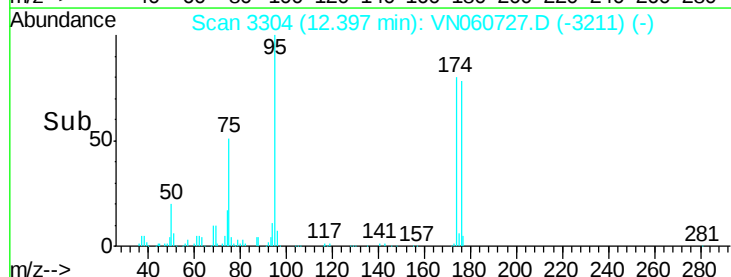
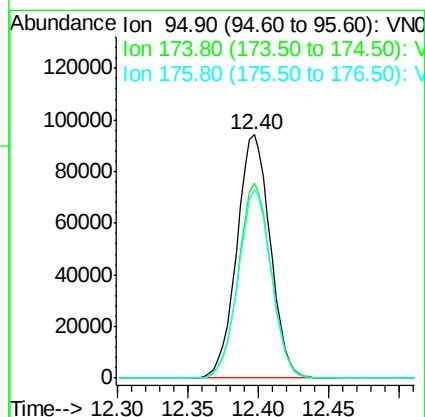
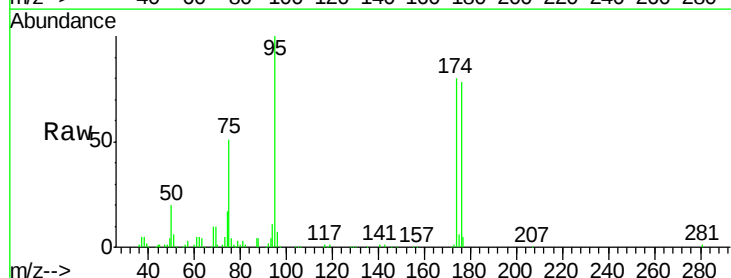
Tgt Ion: 95 Resp: 156506

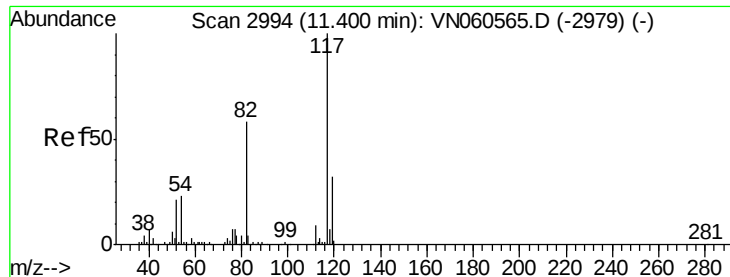
Ion Ratio Lower Upper

95 100

174 78.6 0.0 157.6

176 76.7 0.0 150.6

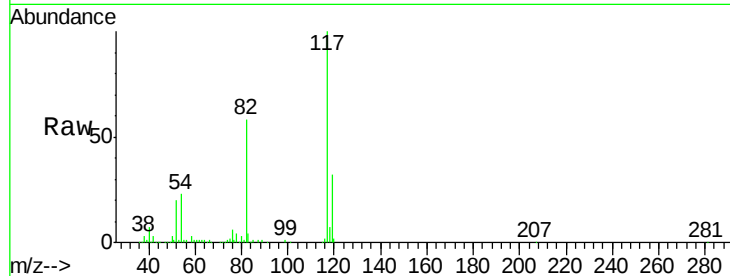




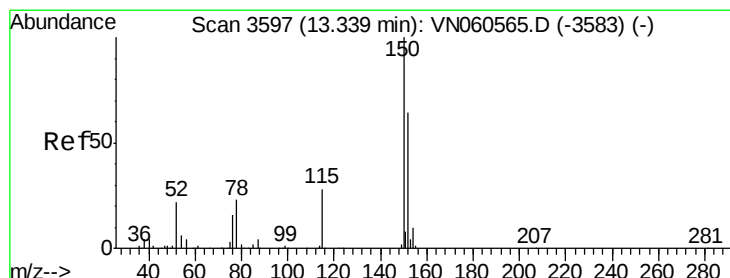
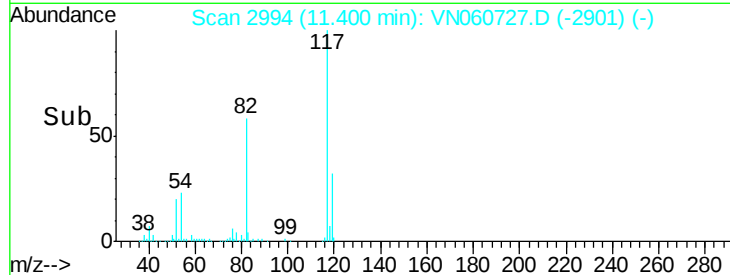
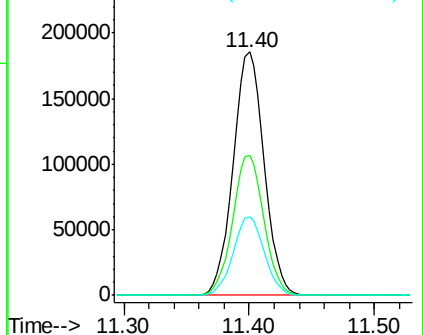
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060727.D
Acq: 26 Mar 2020 20:23

Instrument :
MSVOA_N
ClientSampled :
BUS-WASH

Tot Ion:117 Resp: 318334
Ion Ratio Lower Upper
117 100
82 57.6 46.7 70.1
119 32.3 25.5 38.3

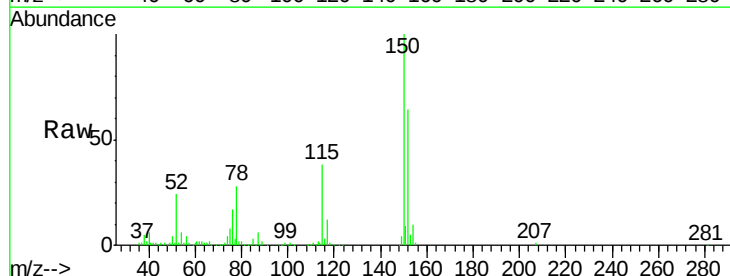


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060727.D
Acq: 26 Mar 2020 20:23

Tgt Ion:152 Resp: 150686
Ion Ratio Lower Upper
152 100
115 59.5 30.2 90.6
150 154.8 0.0 350.2



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

