

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060985.D
 Acq On : 16 Apr 2020 00:33
 Operator : JC/MD
 Sample : L2259-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CHASSIS-BUS-WASH

Quant Time: Apr 16 08:25:44 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	141910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	236972	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	224019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	104945	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	92403	47.43	ug/l	0.00
Spiked Amount						
			Recovery	=	94.86%	
35) Dibromofluoromethane	7.56	113	70717	49.35	ug/l	0.00
Spiked Amount						
			Recovery	=	98.70%	
50) Toluene-d8	10.08	98	298625	51.02	ug/l	0.00
Spiked Amount						
			Recovery	=	102.04%	
62) 4-Bromofluorobenzene	12.39	95	114007	53.15	ug/l	0.00
Spiked Amount						
			Recovery	=	106.30%	

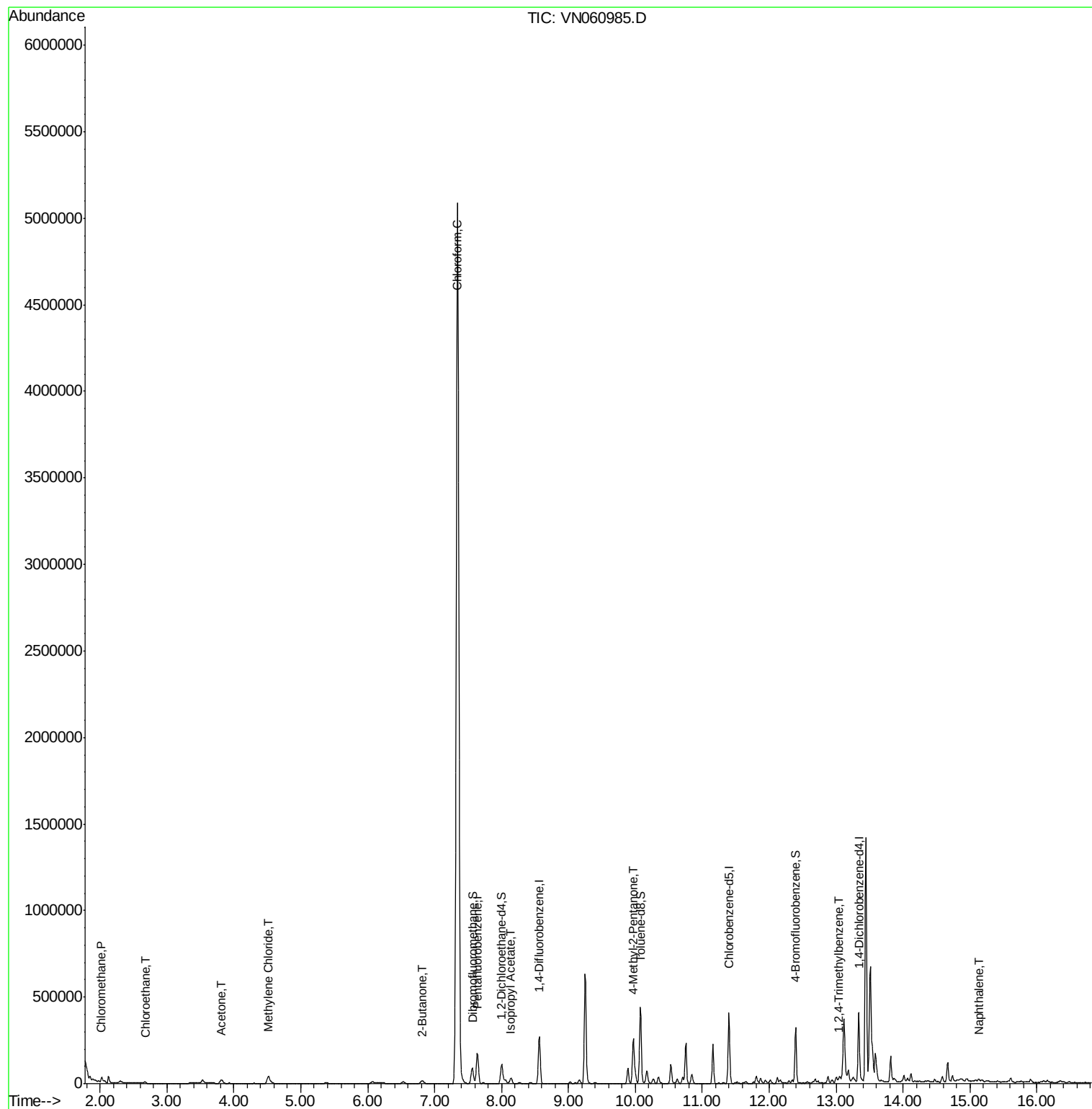
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	10301	4.017	ug/l	97
6) Chloroethane	2.67	64	7571	6.552	ug/l	98
16) Acetone	3.81	43	43215	62.625	ug/l	96
20) Methylene Chloride	4.52	84	30624	18.041	ug/l	98
25) 2-Butanone	6.81	43	25000	22.389	ug/l	93
30) Chloroform	7.34	83	5266585	1765.161	ug/l	89
43) Isopropyl Acetate	8.14	43	41012	10.030	ug/l #	90
51) 4-Methyl-2-Pentanone	9.97	43	186135	79.996	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	16633	2.516	ug/l	71
95) Naphthalene	15.13	128	11003	1.861	ug/l	99

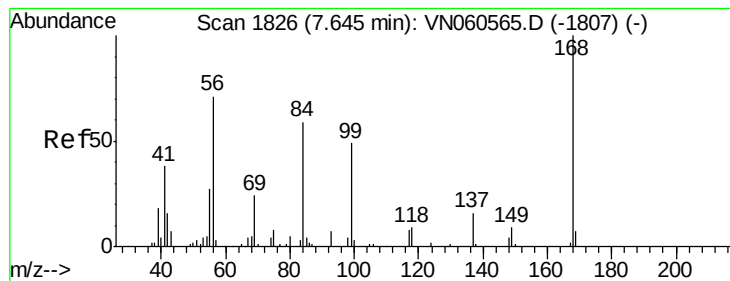
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1824

Delta R.T. -0.01 min

Lab File: VN060985.D

Acq: 16 Apr 2020 00:33

Instrument :

MSVOA_N

ClientSampleId :

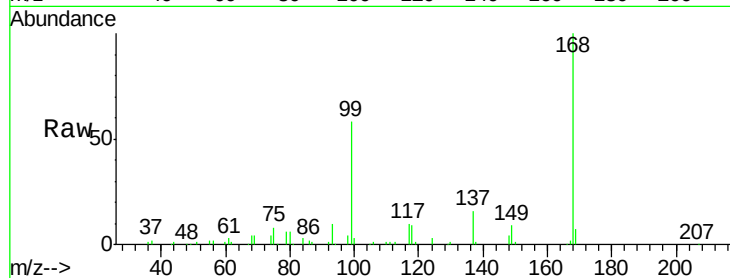
CHASSIS-BUS-WASH

Tot Ion:168 Resp: 141910

Ion Ratio Lower Upper

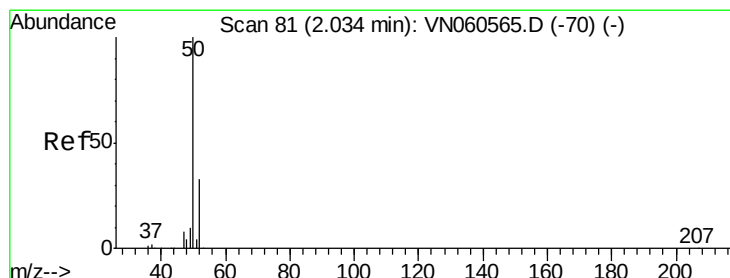
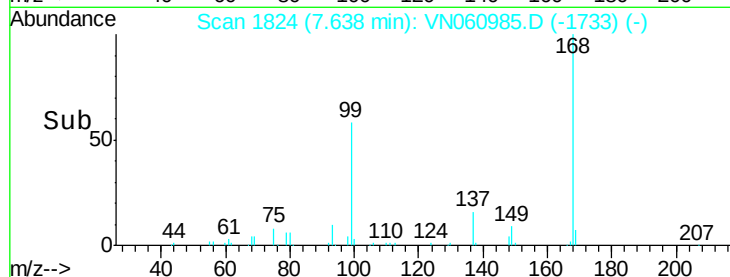
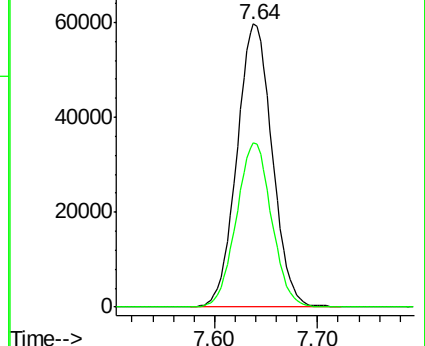
168 100

99 58.1 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: 4.017 ug/l

RT: 2.03 min Scan# 79

Delta R.T. -0.01 min

Lab File: VN060985.D

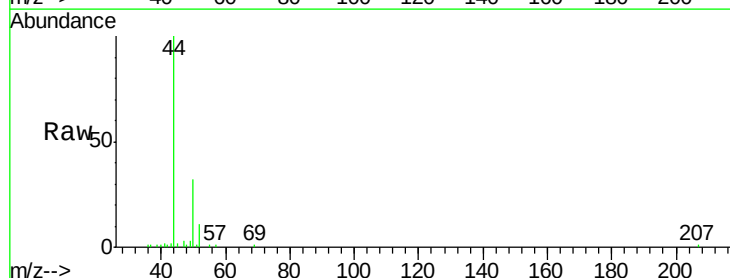
Acq: 16 Apr 2020 00:33

Tgt Ion: 50 Resp: 10301

Ion Ratio Lower Upper

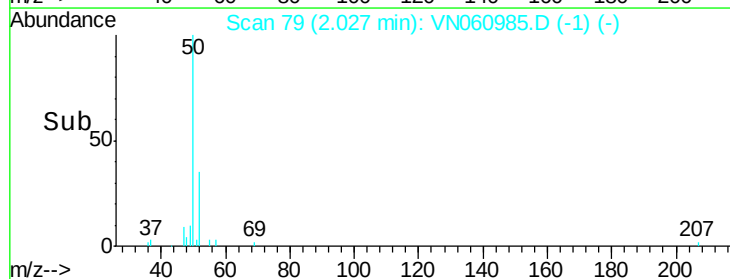
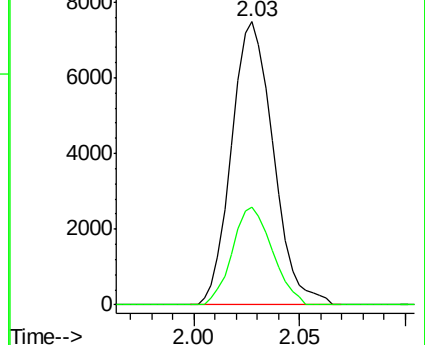
50 100

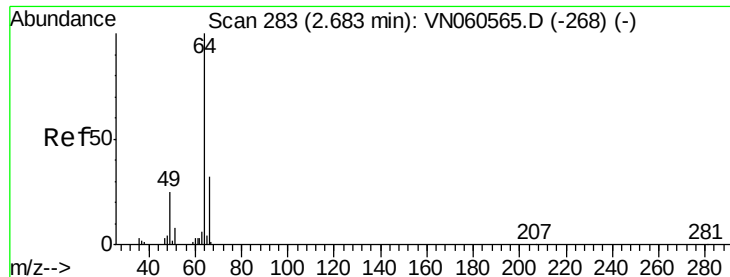
52 34.5 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#6

Chloroethane

Concen: 6.552 ug/l

RT: 2.67 min Scan# 280

Delta R.T. -0.01 min

Lab File: VN060985.D

Acq: 16 Apr 2020 00:33

Instrument :

MSVOA_N

ClientSampleId :

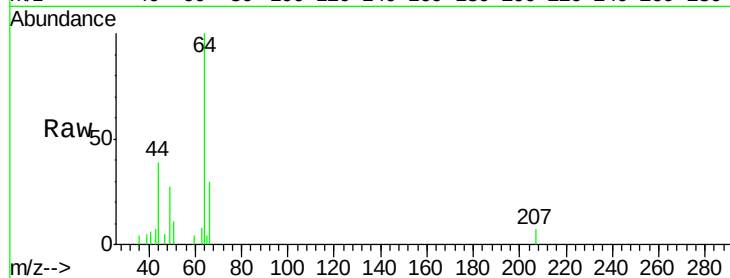
CHASSIS-BUS-WASH

Tot Ion: 64 Resp: 7571

Ion Ratio Lower Upper

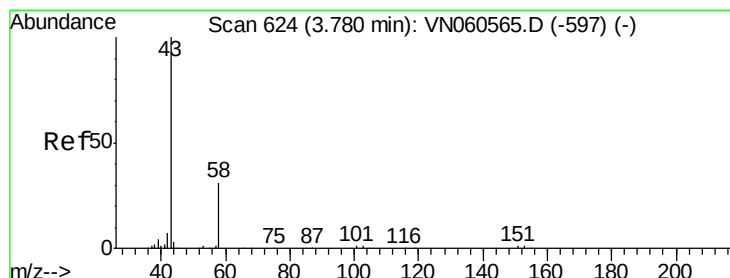
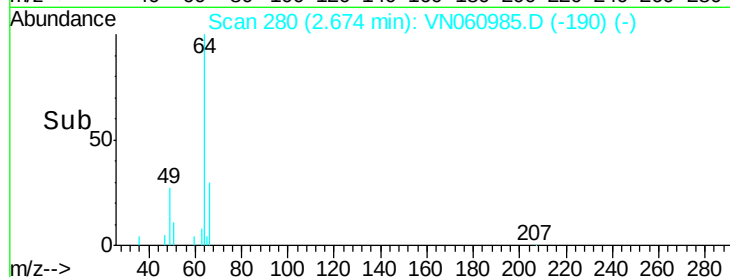
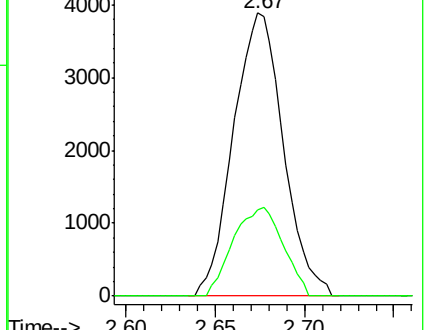
64 100

66 30.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN060985.D (-190) (-)

Ion 65.90 (65.60 to 66.60): VN060985.D (-190) (-)



#16

Acetone

Concen: 62.625 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.03 min

Lab File: VN060985.D

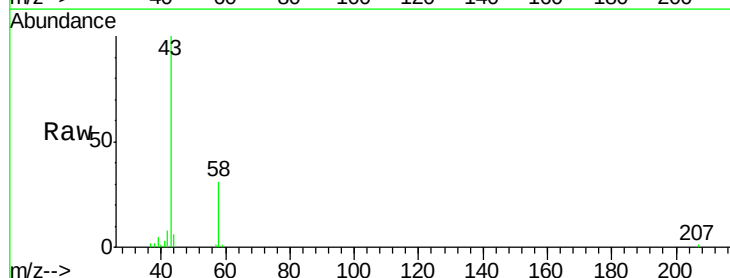
Acq: 16 Apr 2020 00:33

Tgt Ion: 43 Resp: 43215

Ion Ratio Lower Upper

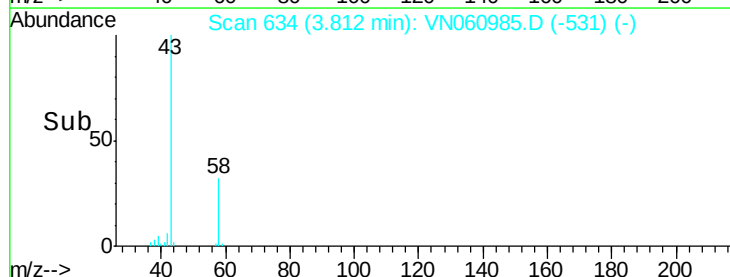
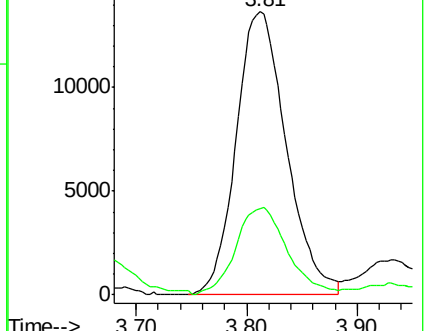
43 100

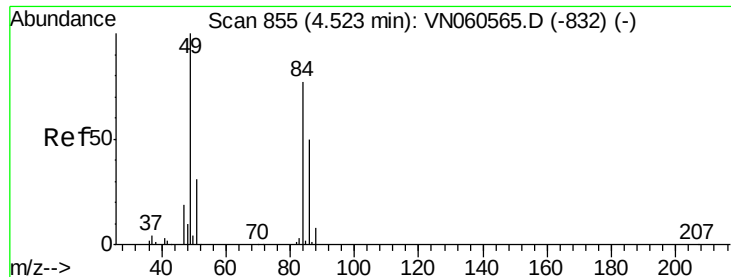
58 29.3 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060985.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060985.D (-531) (-)

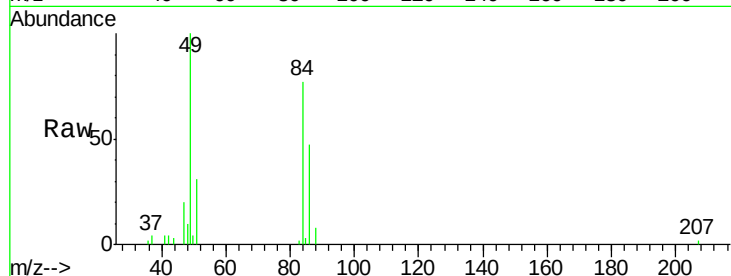




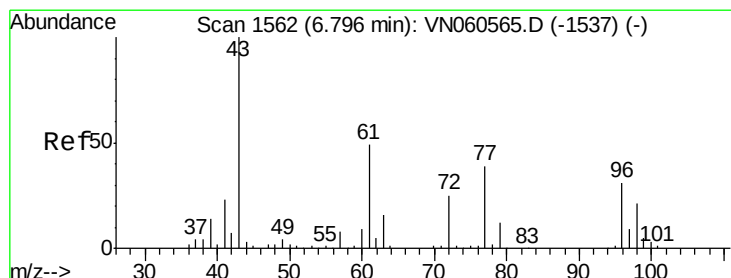
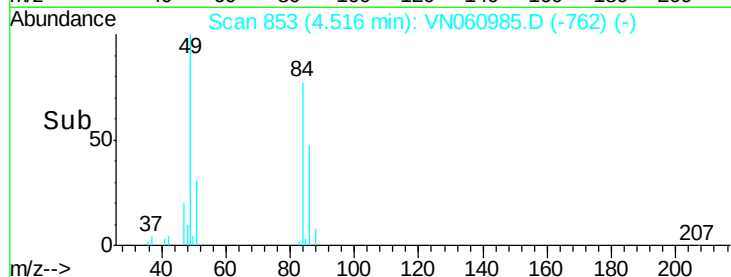
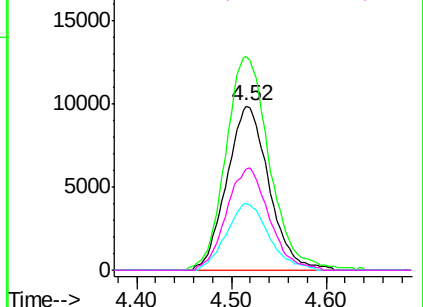
#20
Methvlene Chloride
Concen: 18.041 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN060985.D
Acq: 16 Apr 2020 00:33

Instrument :
MSVOA_N
ClientSampleId :
CHASSIS-BUS-WASH

Tot Ion: 84 Resp: 30624
Ion Ratio Lower Upper
84 100
49 128.6 103.3 154.9
51 40.8 31.6 47.4
86 61.6 52.0 78.0

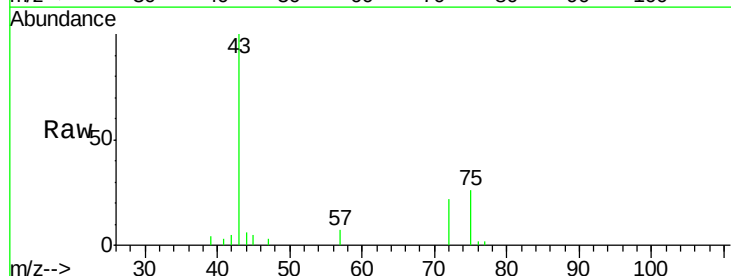


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

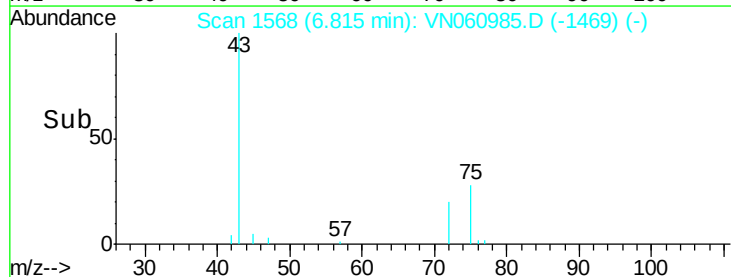
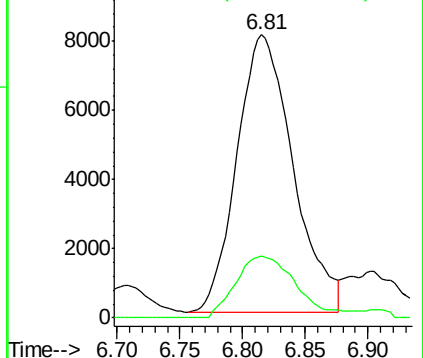


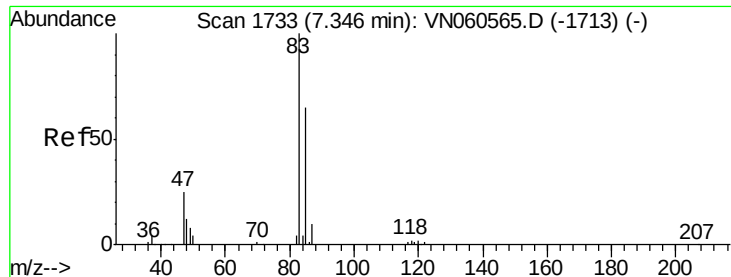
#25
2-Butanone
Concen: 22.389 ug/l
RT: 6.81 min Scan# 1568
Delta R.T. 0.02 min
Lab File: VN060985.D
Acq: 16 Apr 2020 00:33

Tgt Ion: 43 Resp: 25000
Ion Ratio Lower Upper
43 100
72 22.2 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

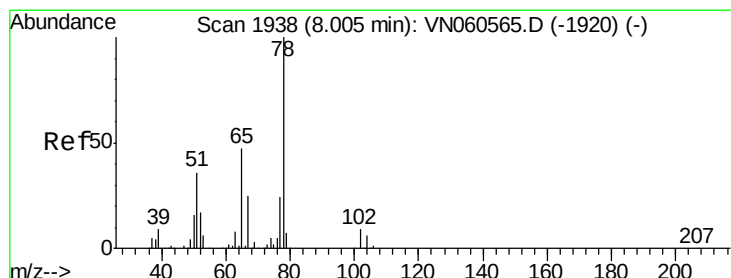
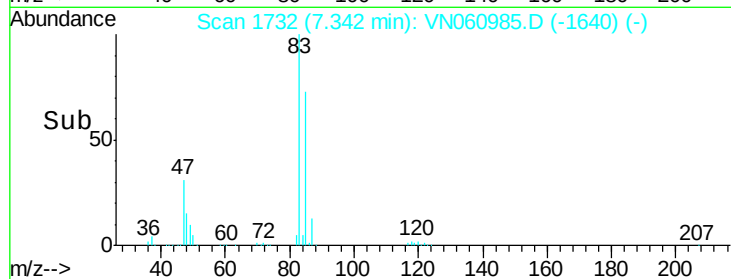
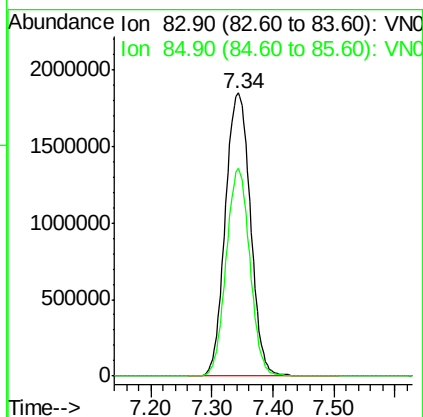
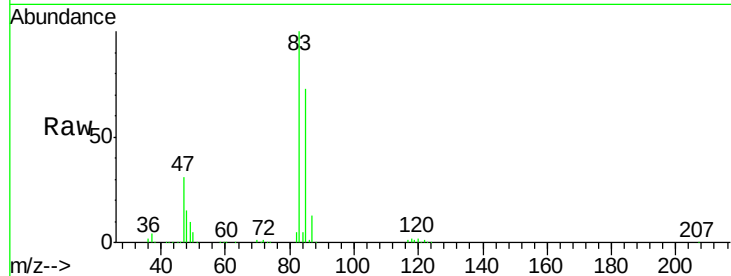




#30
Chloroform
Concen: 1765.161 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060985.D
Acq: 16 Apr 2020 00:33

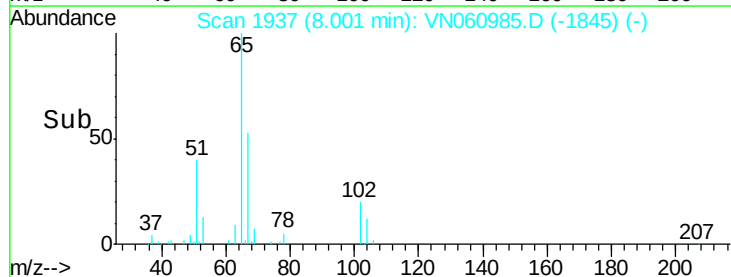
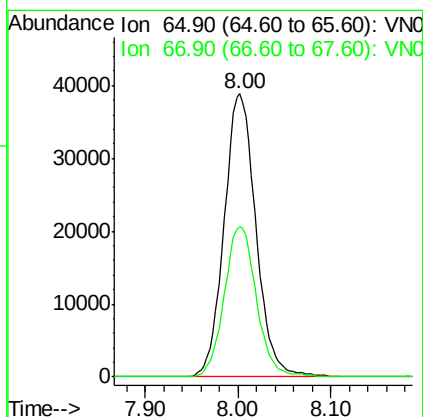
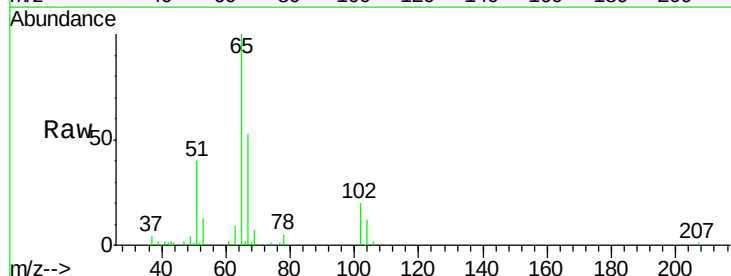
Instrument :
MSVOA_N
ClientSampleId :
CHASSIS-BUS-WASH

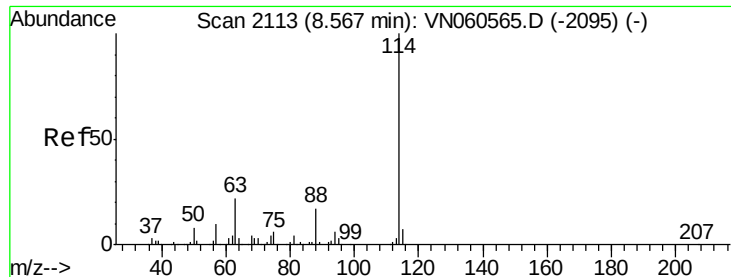
Tot Ion: 83 Resp: 5266585
Ion Ratio Lower Upper
83 100
85 73.2 51.8 77.8



#33
1,2-Dichloroethane-d4
Concen: 47.432 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060985.D
Acq: 16 Apr 2020 00:33

Tgt Ion: 65 Resp: 92403
Ion Ratio Lower Upper
65 100
67 53.7 0.0 107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060985.D

Acq: 16 Apr 2020 00:33

Instrument :

MSVOA_N

ClientSampleId :

CHASSIS-BUS-WASH

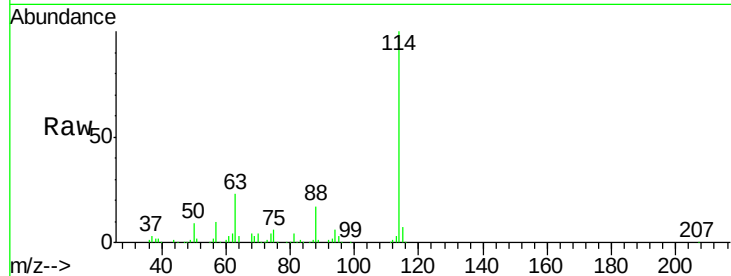
Tot Ion:114 Resp: 236972

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.8

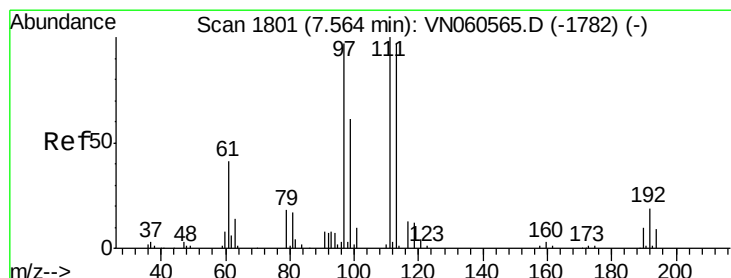
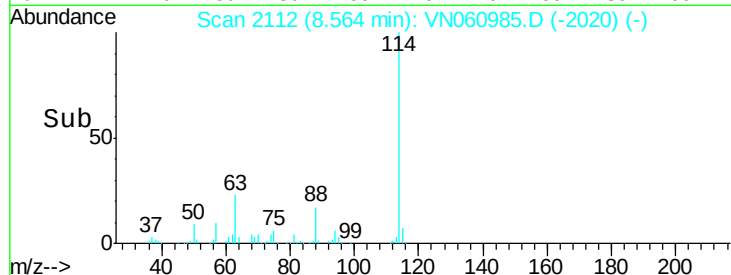
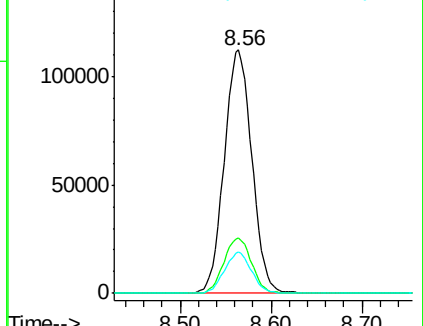
88 16.9 0.0 33.0



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: 49.352 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060985.D

Acq: 16 Apr 2020 00:33

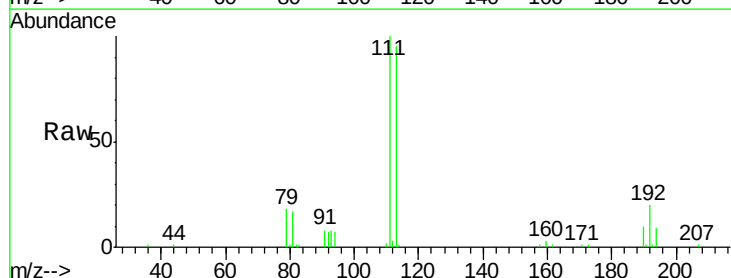
Tgt Ion:113 Resp: 70717

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

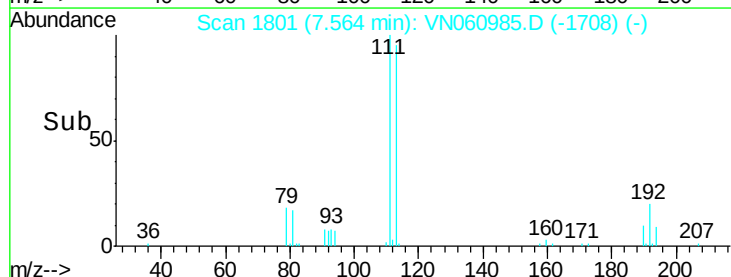
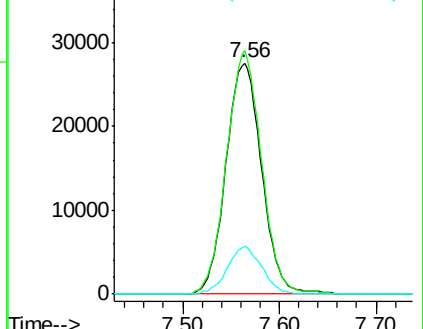
192 19.8 15.8 23.8

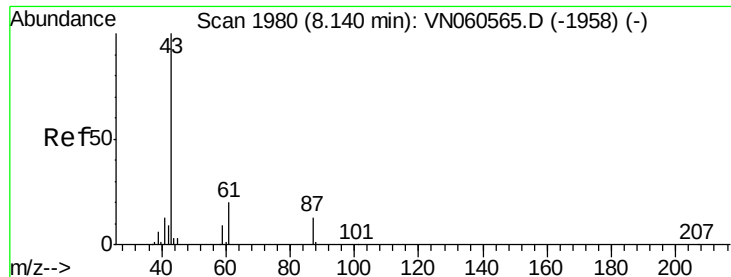


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.030 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060985.D

Acq: 16 Apr 2020 00:33

Instrument :

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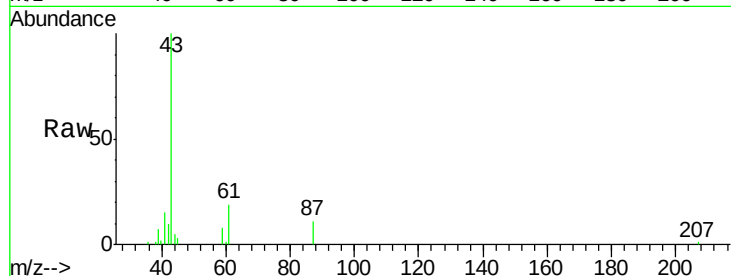
Tot Ion: 43 Resp: 41012

Ion Ratio Lower Upper

43 100

61 18.9 20.7 31.1#

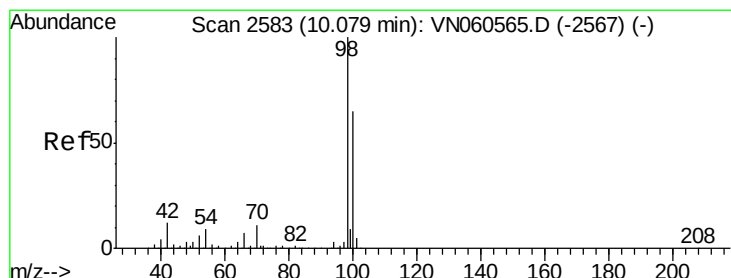
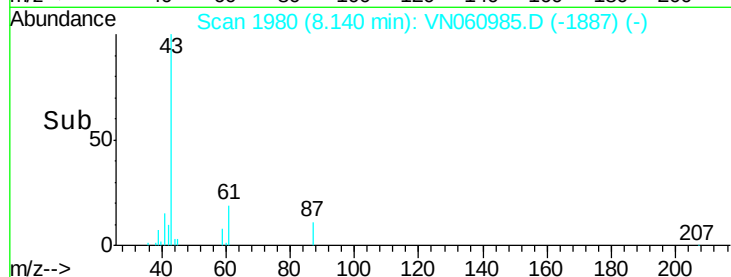
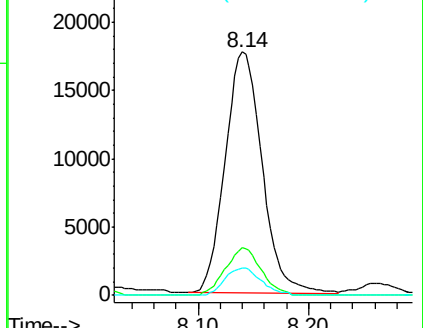
87 11.2 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-1958) (-)

Ion 61.00 (60.70 to 61.70): VN060565.D (-1958) (-)

Ion 87.00 (86.70 to 87.70): VN060565.D (-1958) (-)



#50

Toluene-d8

Concen: 51.022 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060985.D

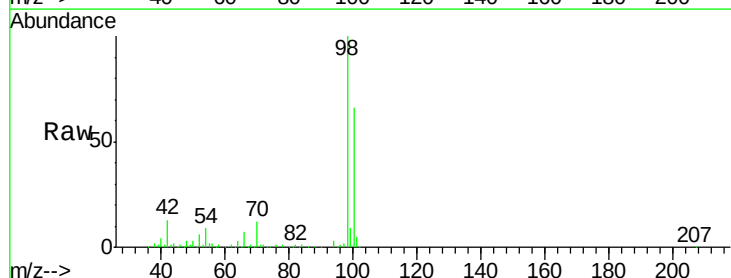
Acq: 16 Apr 2020 00:33

Tgt Ion: 98 Resp: 298625

Ion Ratio Lower Upper

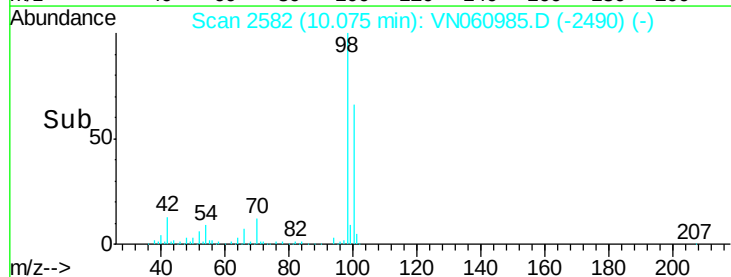
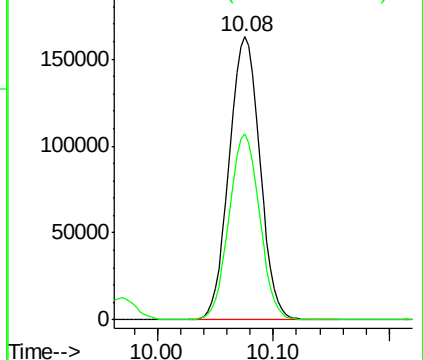
98 100

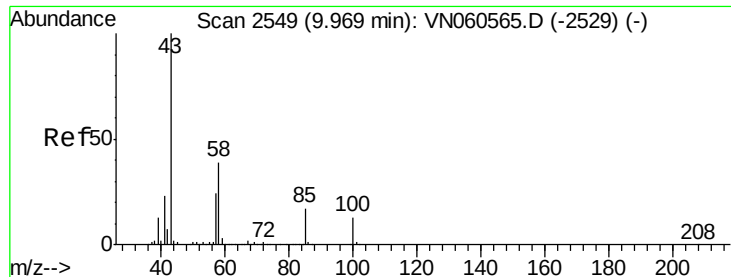
100 65.1 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060565.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060565.D (-2567) (-)





#51

4-Methyl-2-Pentanone

Concen: 79.996 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN060985.D

Acq: 16 Apr 2020 00:33

Instrument :

MSVOA_N

ClientSampleId :

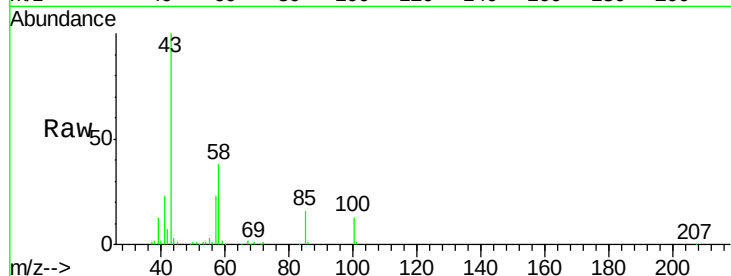
CHASSIS-BUS-WASH

Tot Ion: 43 Resp: 186135

Ion Ratio Lower Upper

43 100

58 36.8 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VN060985.D (-2456) (-)

Ion 58.00 (57.70 to 58.70): VN060985.D (-2456) (-)

9.97

100000

80000

60000

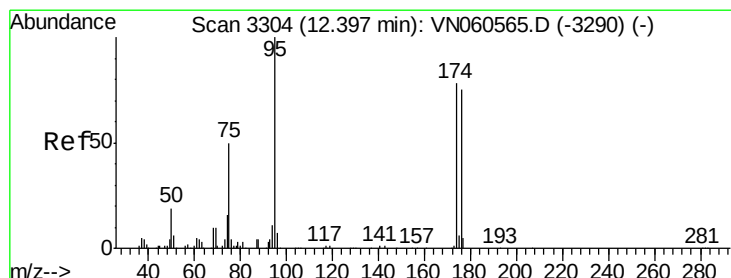
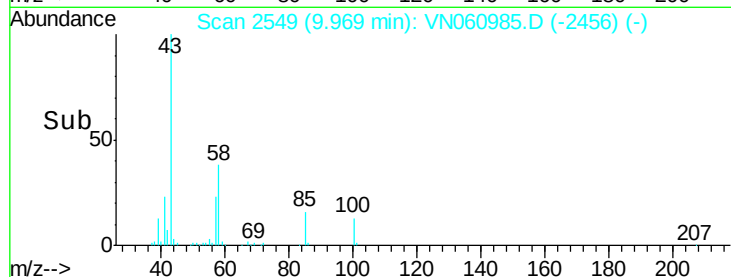
40000

20000

0

9.90 9.95 10.00 10.05

Time-->



#62

4-Bromofluorobenzene

Concen: 53.151 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.00 min

Lab File: VN060985.D

Acq: 16 Apr 2020 00:33

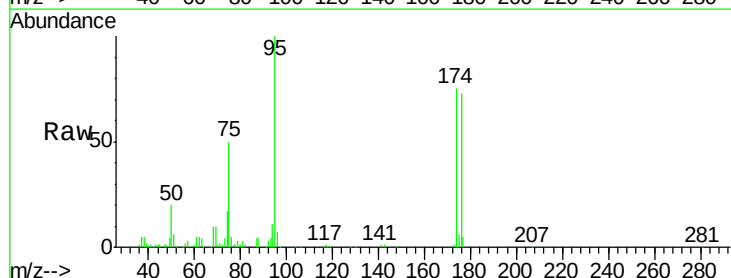
Tgt Ion: 95 Resp: 114007

Ion Ratio Lower Upper

95 100

174 75.2 0.0 157.6

176 73.4 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060985.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060985.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060985.D (-3211) (-)

12.39

80000

60000

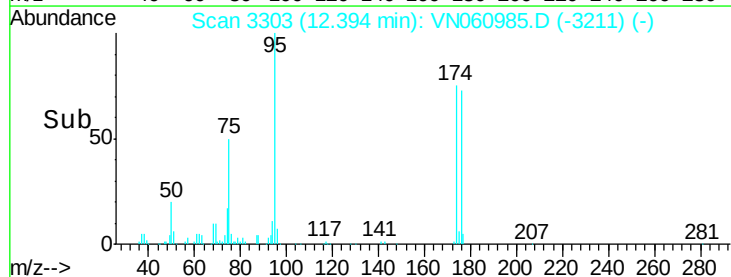
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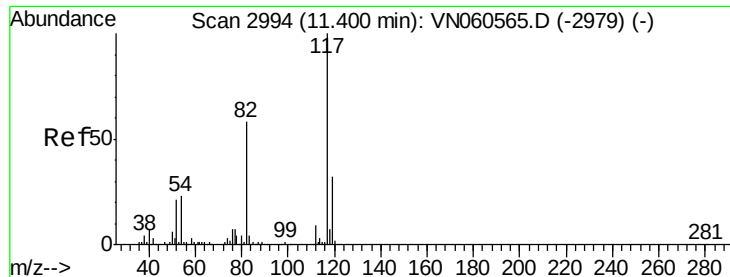
20000

0

12.35 12.40 12.45

Time-->

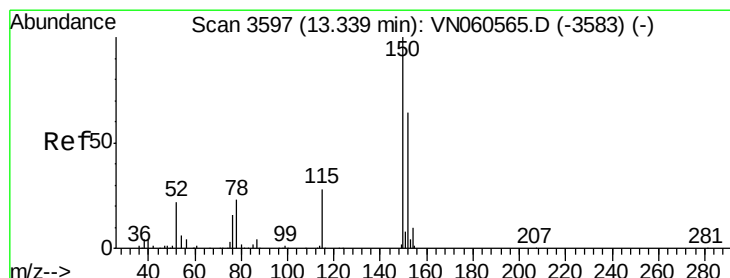
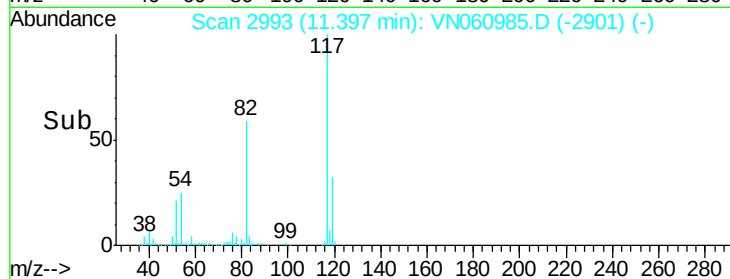
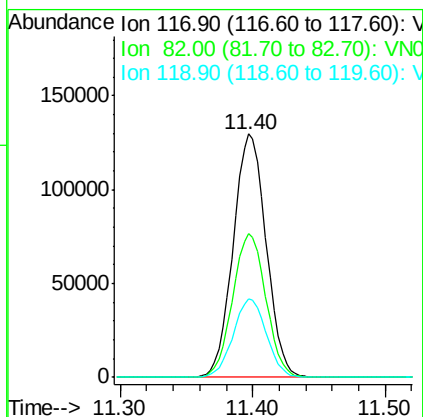
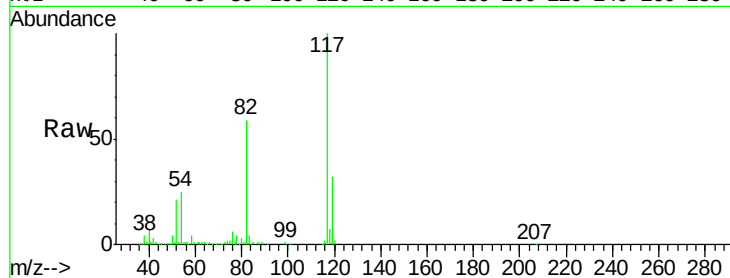




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060985.D
Acq: 16 Apr 2020 00:33

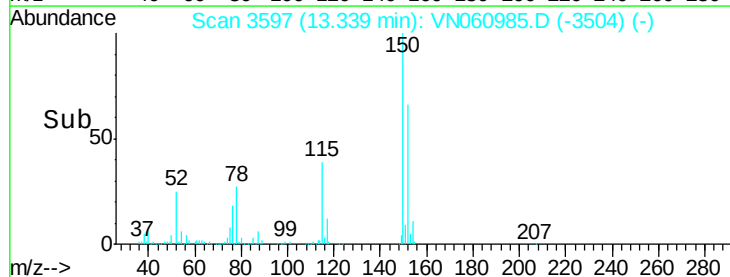
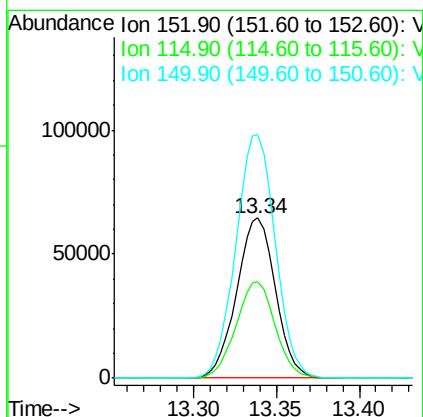
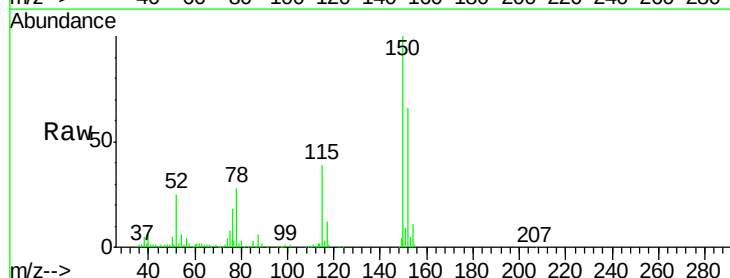
Instrument :
MSVOA_N
ClientSampleId :
CHASSIS-BUS-WASH

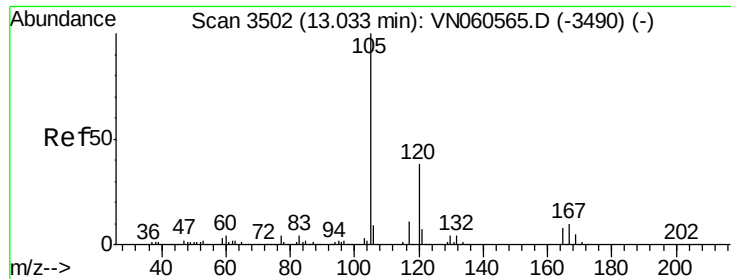
Tot Ion:117 Resp: 224019
Ion Ratio Lower Upper
117 100
82 58.8 46.7 70.1
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060985.D
Acq: 16 Apr 2020 00:33

Tgt Ion:152 Resp: 104945
Ion Ratio Lower Upper
152 100
115 60.8 30.2 90.6
150 155.0 0.0 350.2





#84

1,2,4-Trimethylbenzene

Concen: 2.516 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN060985.D

Acq: 16 Apr 2020 00:33

Instrument :

MSVOA_N

ClientSampleId :

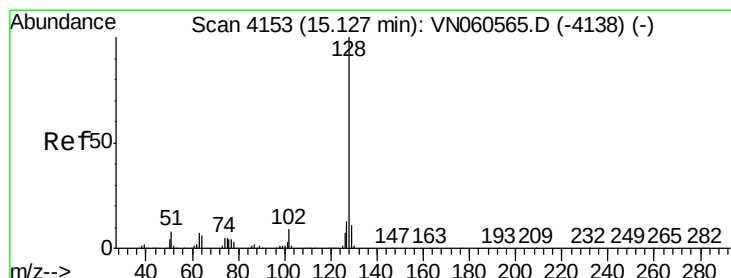
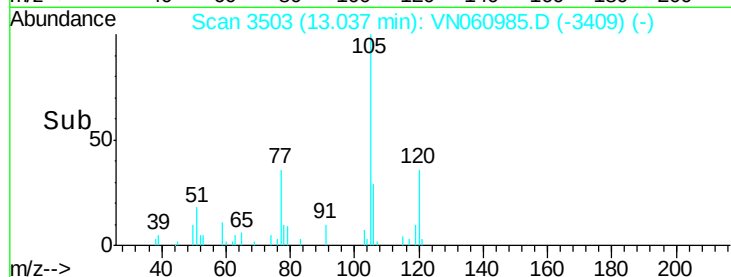
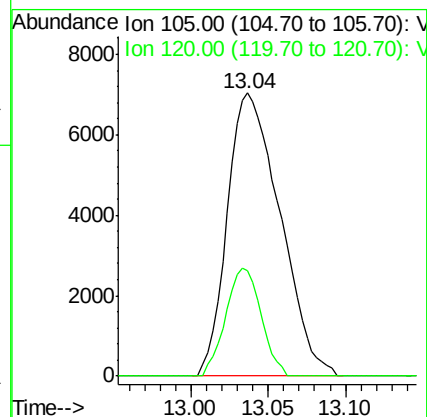
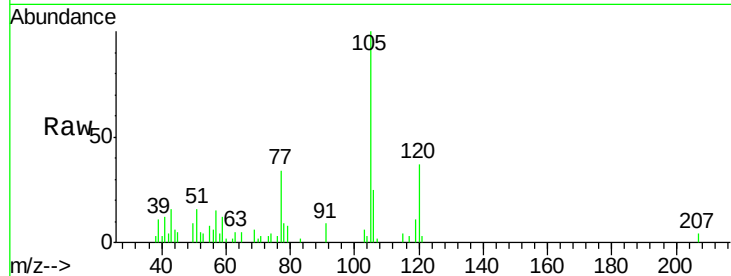
CHASSIS-BUS-WASH

Tot Ion:105 Resp: 16633

Ion Ratio Lower Upper

105 100

120 25.7 22.1 66.5



#95

Naphthalene

Concen: 1.861 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN060985.D

Acq: 16 Apr 2020 00:33

Tgt Ion:128 Resp: 11003

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 10.6 8.8 13.2

