

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060989.D
 Acq On : 16 Apr 2020 2:04
 Operator : JC/MD
 Sample : L2278-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CHASSIS-WASH

Quant Time: Apr 16 08:38:22 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

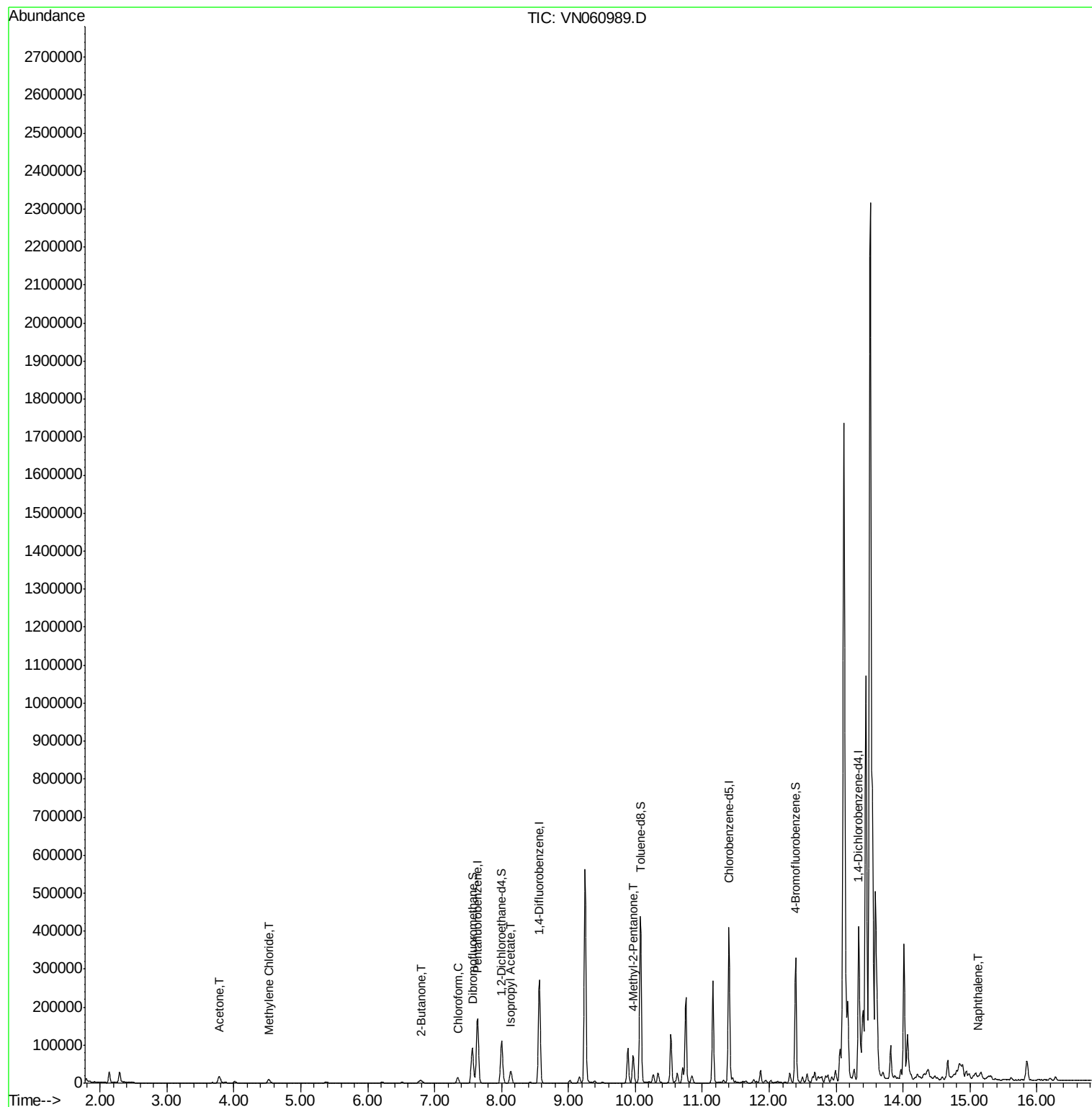
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	138892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	238364	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	226447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	107914	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	93556	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
35) Dibromofluoromethane	7.56	113	71597	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
50) Toluene-d8	10.08	98	297005	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.39	95	115143	53.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.74%	
Target Compounds						
16) Acetone	3.78	43	30830	45.648	ug/l	100
20) Methylene Chloride	4.53	84	6908	4.158	ug/l	98
25) 2-Butanone	6.80	43	11139	10.192	ug/l	96
30) Chloroform	7.35	83	14597	4.999	ug/l	99
43) Isopropyl Acetate	8.14	43	38496	9.360	ug/l #	90
51) 4-Methyl-2-Pentanone	9.97	43	53298	22.772	ug/l	96
95) Naphthalene	15.13	128	6958	1.145	ug/l	96

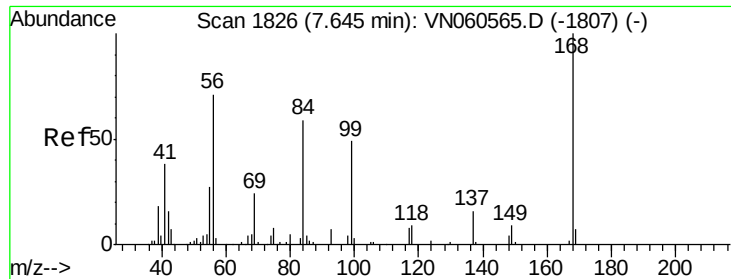
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060989.D

Acq: 16 Apr 2020 2:04

Instrument :

MSVOA_N

ClientSampleId :

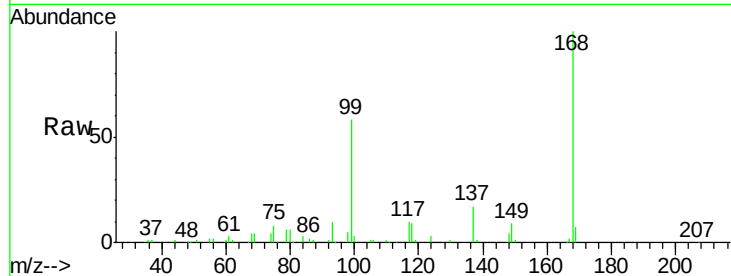
CHASSIS-WASH

Tot Ion:168 Resp: 138892

Ion Ratio Lower Upper

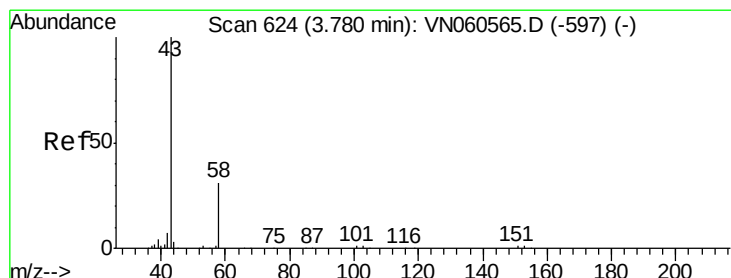
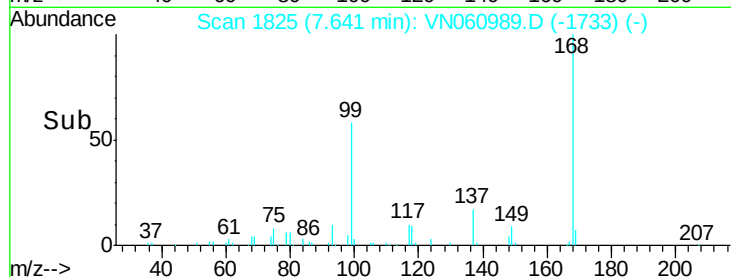
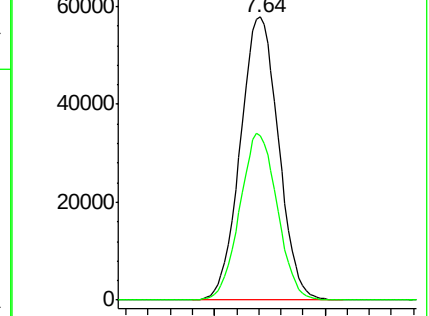
168 100

99 58.2 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 45.648 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060989.D

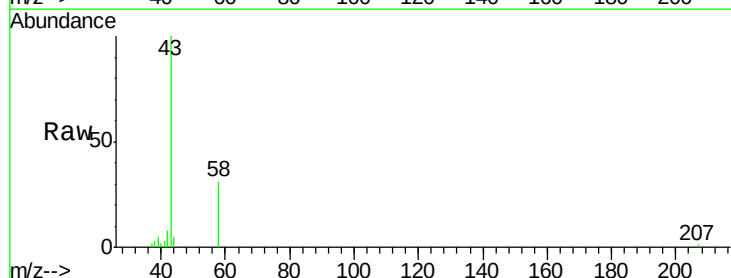
Acq: 16 Apr 2020 2:04

Tgt Ion: 43 Resp: 30830

Ion Ratio Lower Upper

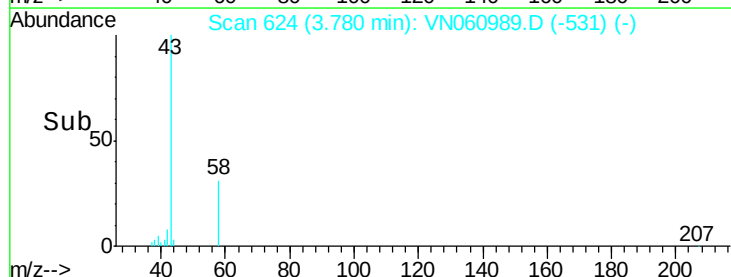
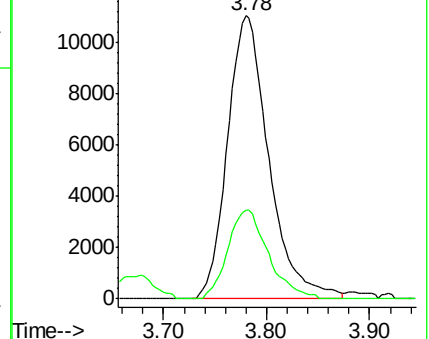
43 100

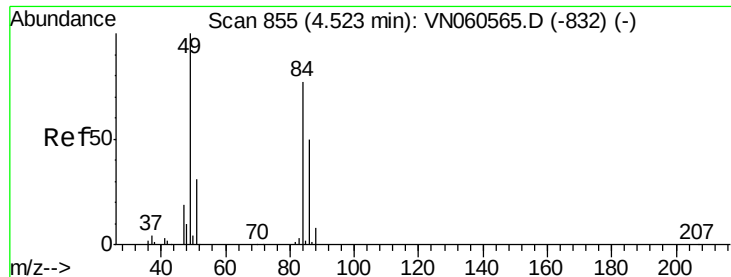
58 31.2 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

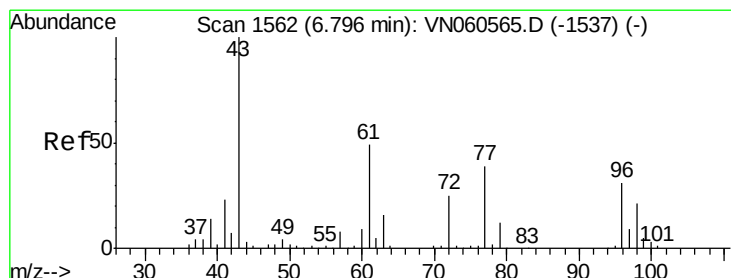
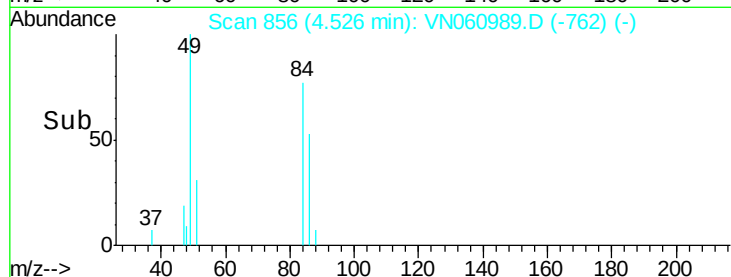
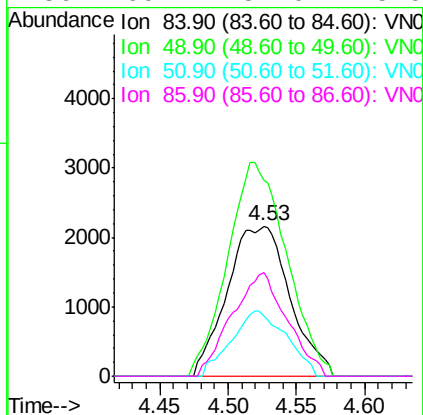
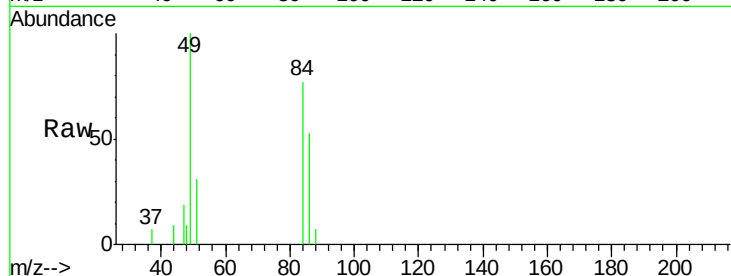




#20
Methvlene Chloride
Concen: 4.158 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060989.D
Acq: 16 Apr 2020 2:04

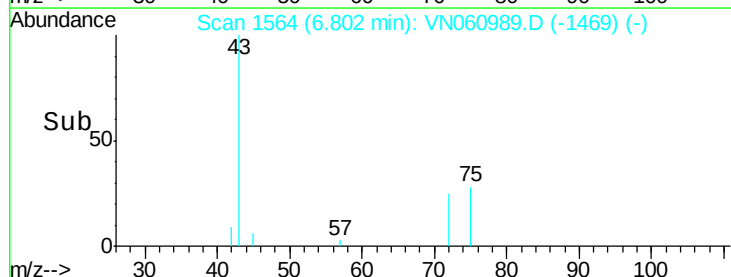
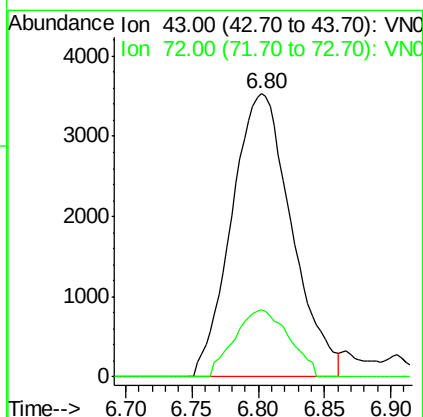
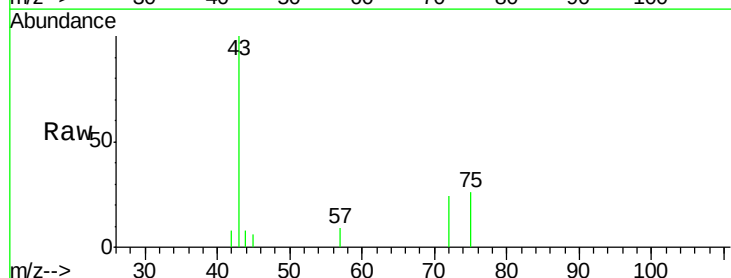
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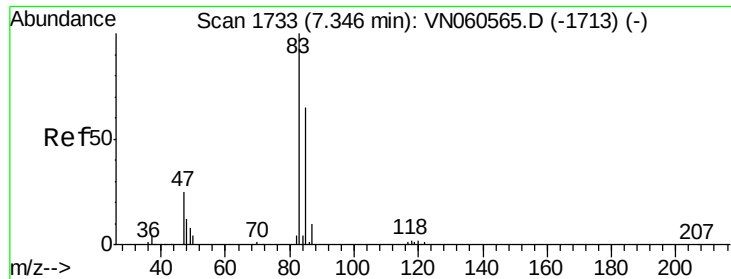
Tot Ion:	84	Resp:	6908
Ion	Ratio	Lower	Upper
84	100		
49	130.6	103.3	154.9
51	40.5	31.6	47.4
86	69.2	52.0	78.0



#25
2-Butanone
Concen: 10.192 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VN060989.D
Acq: 16 Apr 2020 2:04

Tgt Ion:	43	Resp:	11139
Ion	Ratio	Lower	Upper
43	100		
72	23.7	20.4	30.6

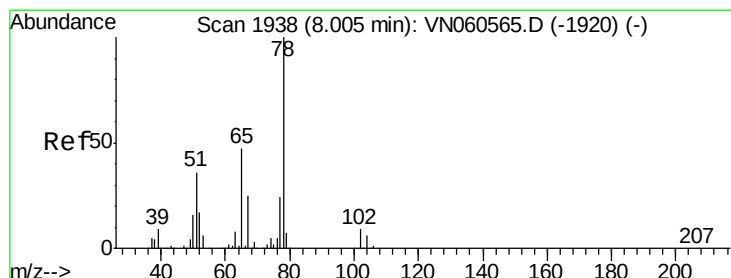
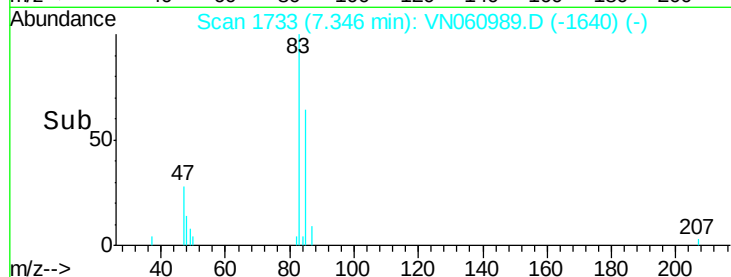
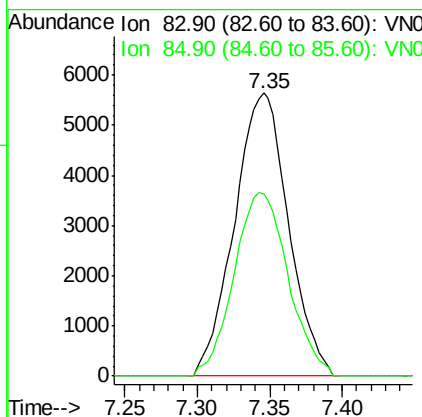
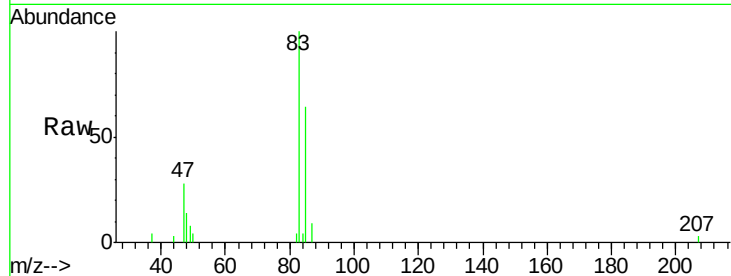




#30
Chloroform
Concen: 4.999 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060989.D
Acq: 16 Apr 2020 2:04

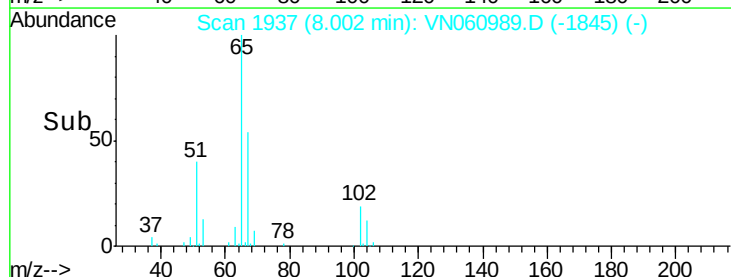
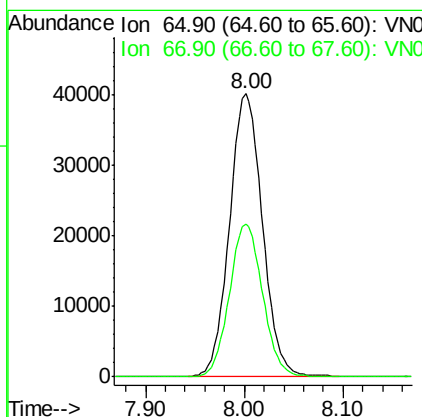
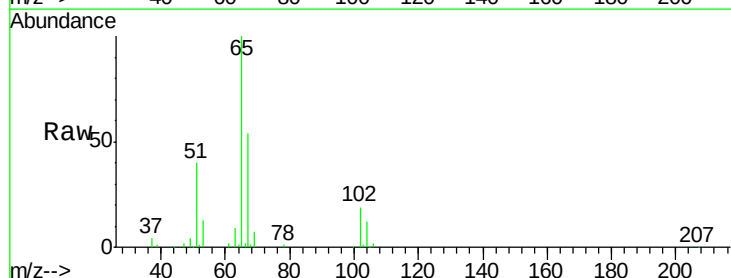
Instrument :
MSVOA_N
ClientSampleId :
CHASSIS-WASH

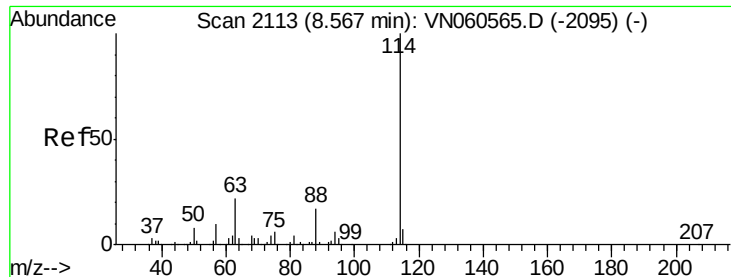
Tot Ion: 83 Resp: 14597
Ion Ratio Lower Upper
83 100
85 64.4 51.8 77.8



#33
1,2-Dichloroethane-d4
Concen: 49.068 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060989.D
Acq: 16 Apr 2020 2:04

Tgt Ion: 65 Resp: 93556
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.6

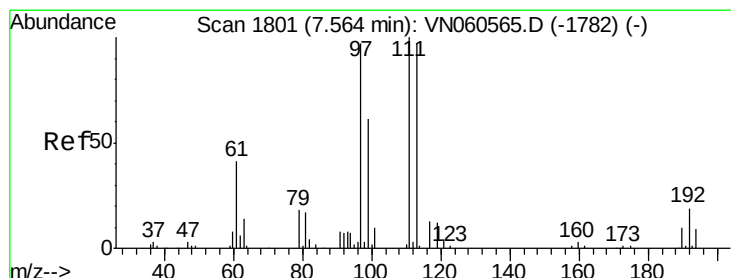
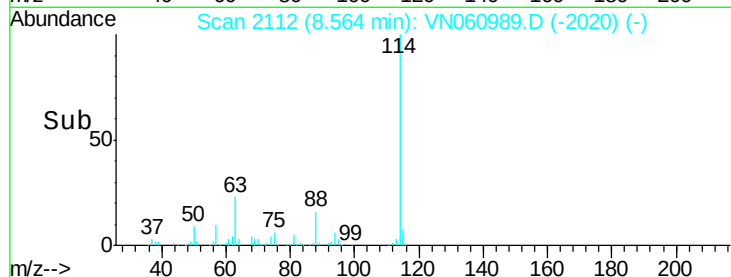
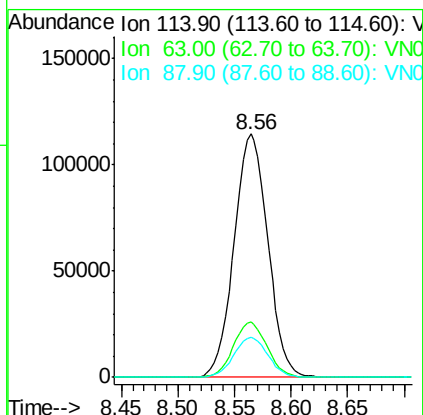
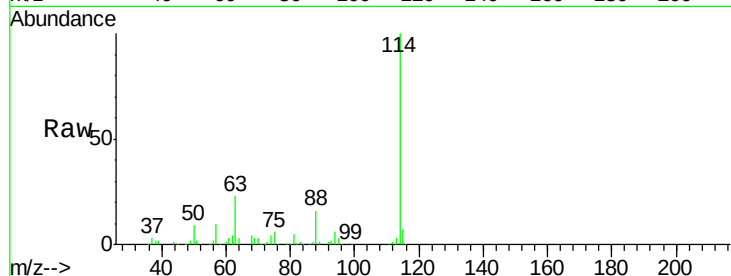




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060989.D
 Acq: 16 Apr 2020 2:04

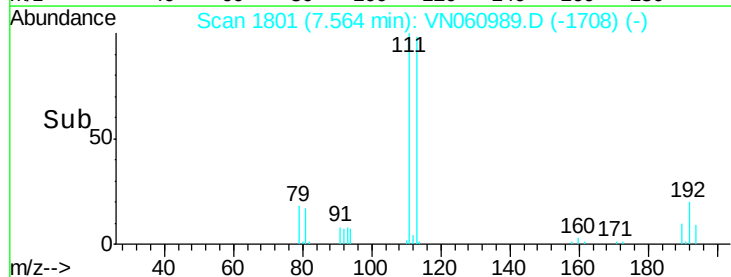
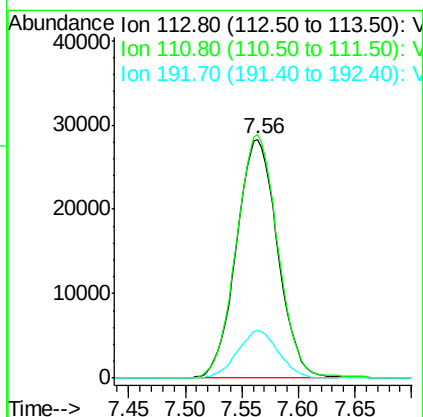
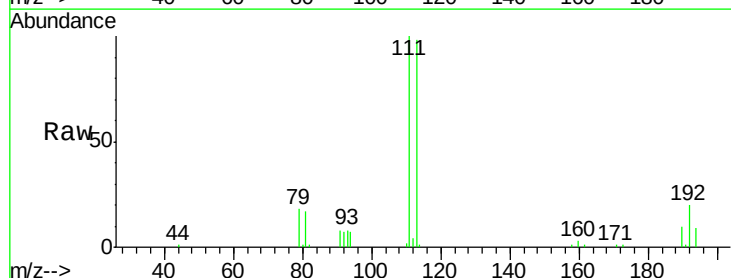
Instrument :
 MSVOA_N
 ClientSampleId :
 CHASSIS-WASH

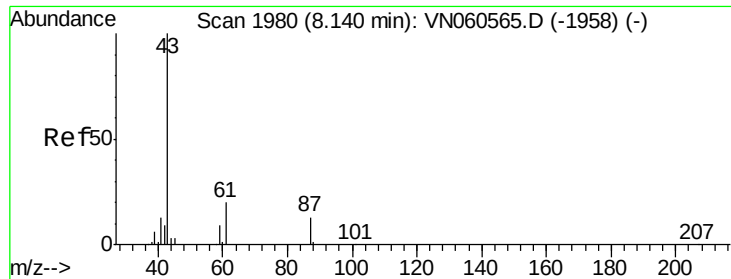
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	43.8
88	16.3	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 49.675 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060989.D
 Acq: 16 Apr 2020 2:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.9	124.3
192	19.8	15.8	23.8





#43

Isopropyl Acetate

Concen: 9.360 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060989.D

Acq: 16 Apr 2020 2:04

Instrument :

MSVOA_N

ClientSampleId :

CHASSIS-WASH

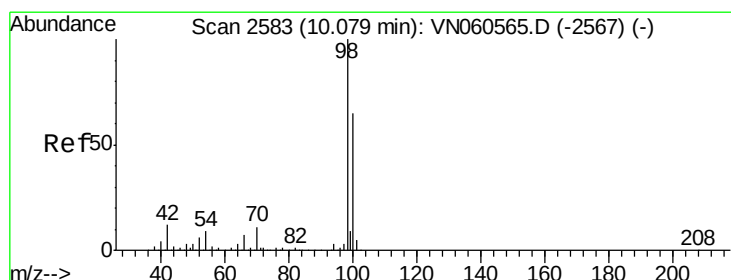
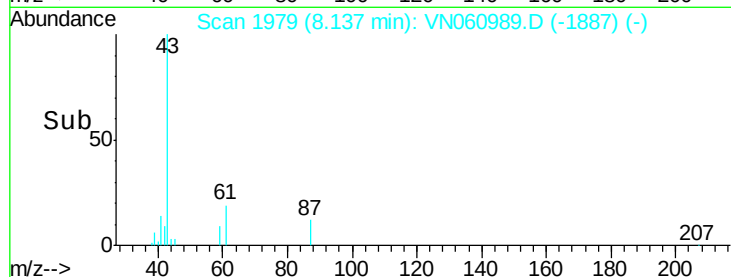
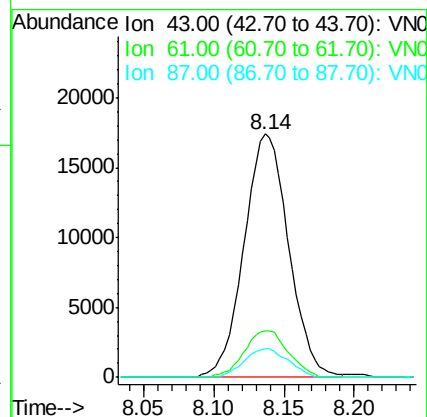
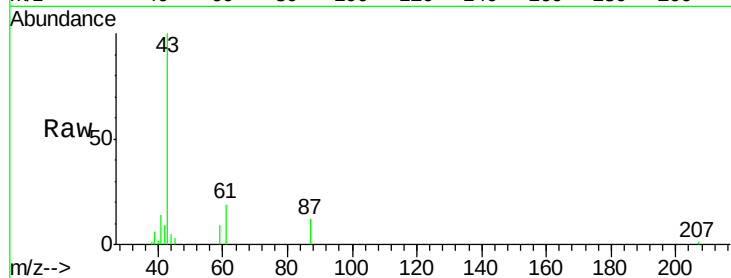
Tot Ion: 43 Resp: 38496

Ion Ratio Lower Upper

43 100

61 18.8 20.7 31.1#

87 11.5 9.8 14.8



#50

Toluene-d8

Concen: 50.449 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060989.D

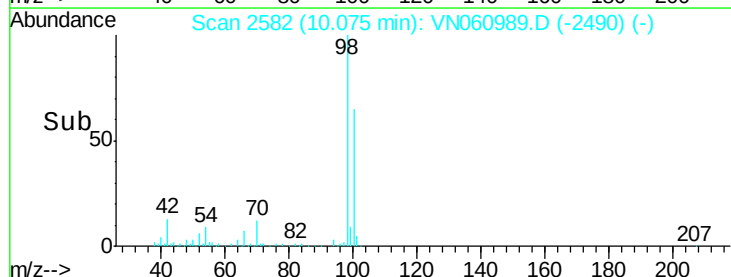
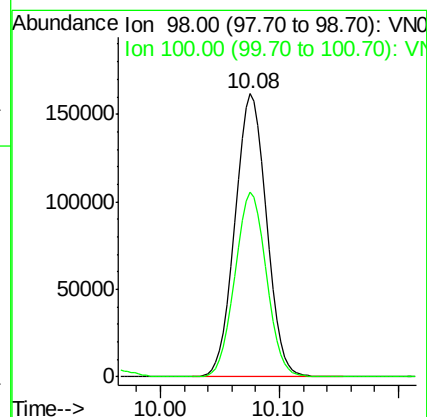
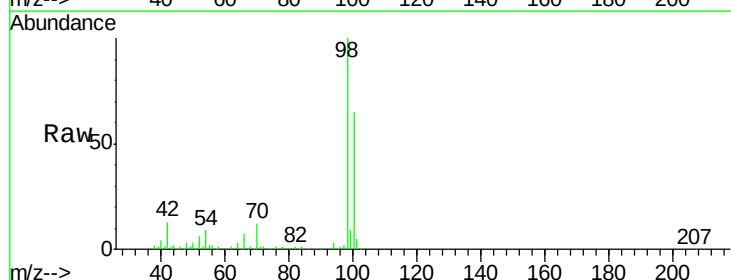
Acq: 16 Apr 2020 2:04

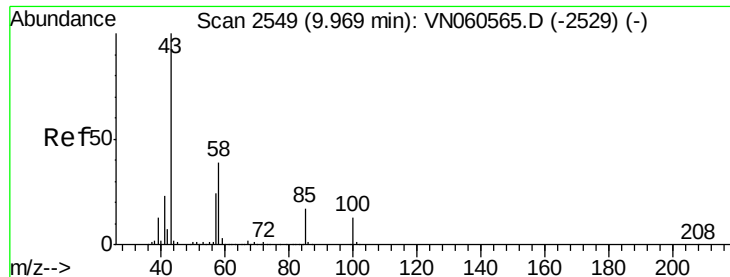
Tgt Ion: 98 Resp: 297005

Ion Ratio Lower Upper

98 100

100 65.1 51.8 77.8

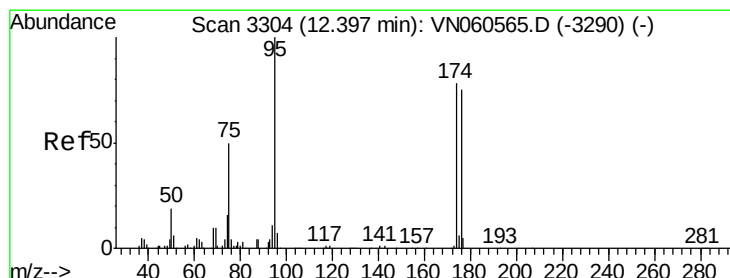
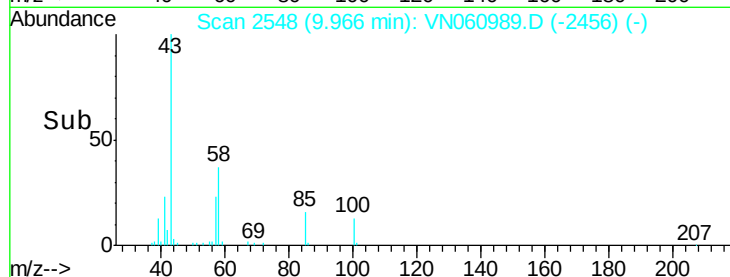
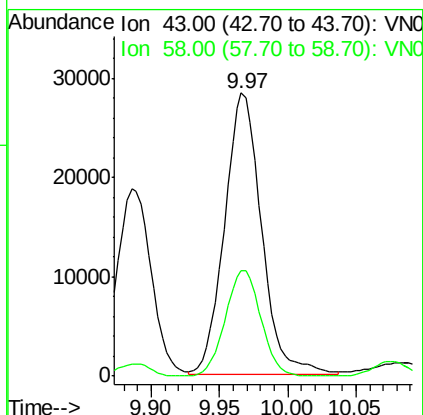
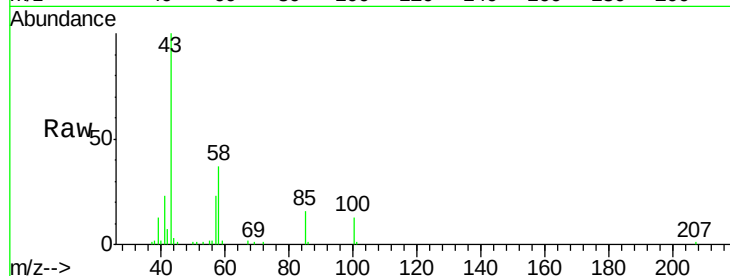




#51
 4-Methyl-2-Pentanone
 Concen: 22.772 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN060989.D
 Acq: 16 Apr 2020 2:04

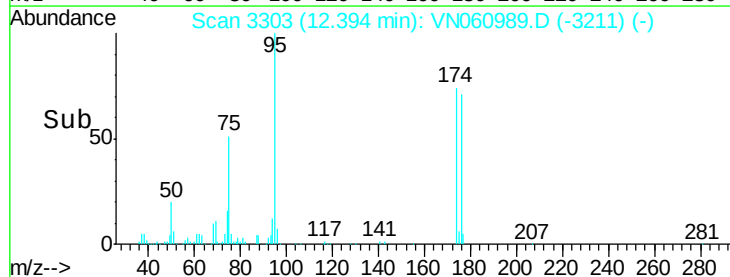
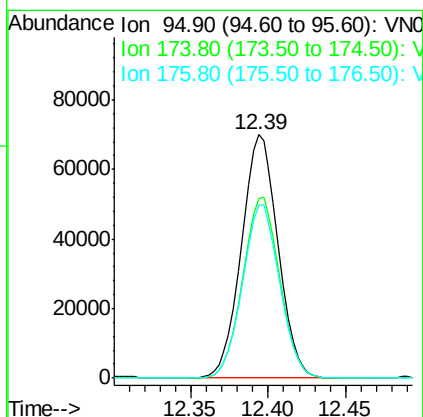
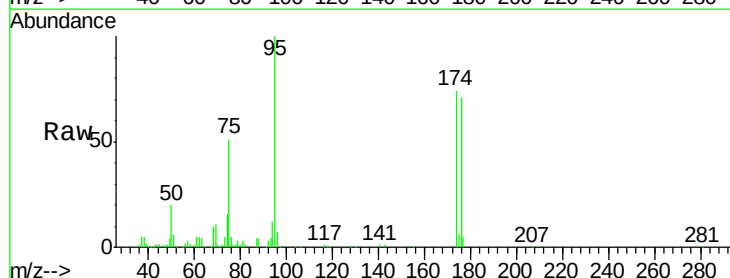
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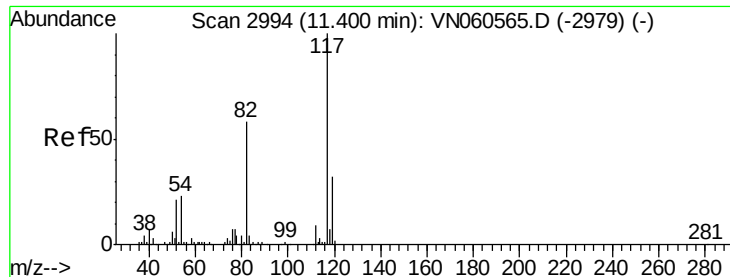
Tot Ion: 43 Resp: 53298
 Ion Ratio Lower Upper
 43 100
 58 36.1 30.8 46.2



#62
 4-Bromofluorobenzene
 Concen: 53.367 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. -0.00 min
 Lab File: VN060989.D
 Acq: 16 Apr 2020 2:04

Tgt Ion: 95 Resp: 115143
 Ion Ratio Lower Upper
 95 100
 174 75.2 0.0 157.6
 176 72.4 0.0 150.6

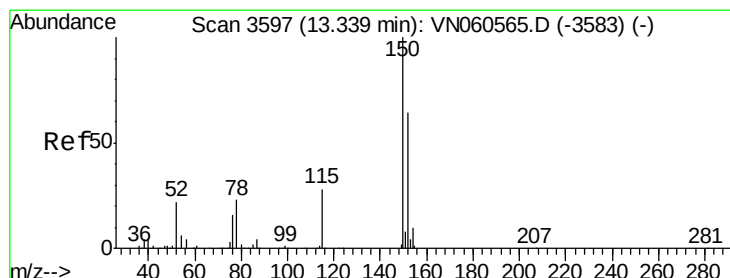
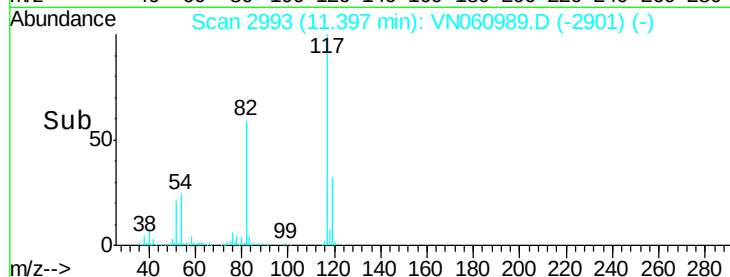
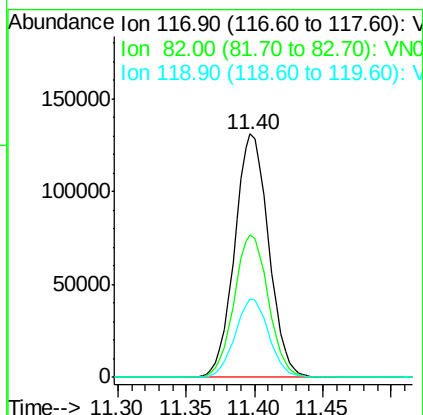
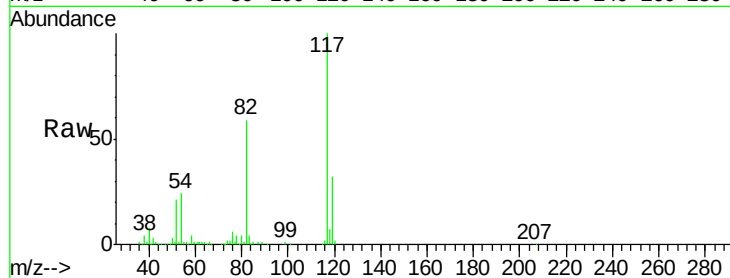




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060989.D
Acq: 16 Apr 2020 2:04

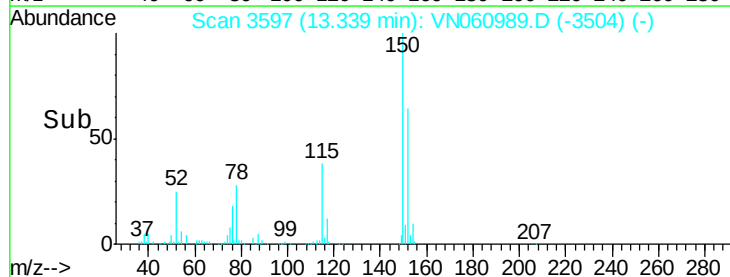
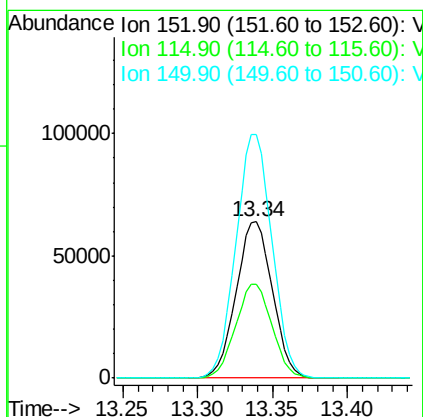
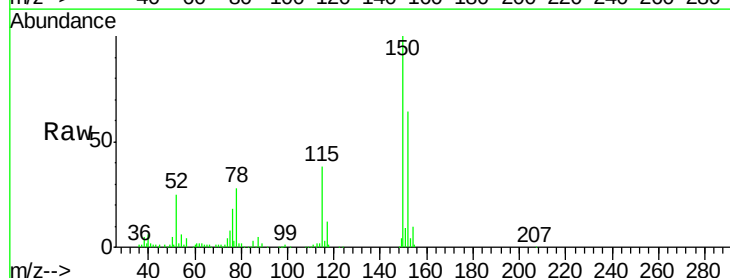
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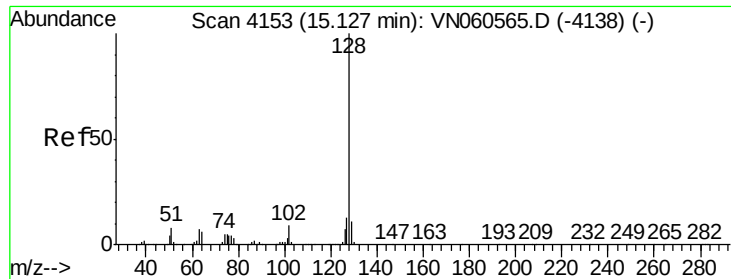
Tot Ion:117 Resp: 226447
Ion Ratio Lower Upper
117 100
82 58.5 46.7 70.1
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060989.D
Acq: 16 Apr 2020 2:04

Tgt Ion:152 Resp: 107914
Ion Ratio Lower Upper
152 100
115 60.3 30.2 90.6
150 155.4 0.0 350.2

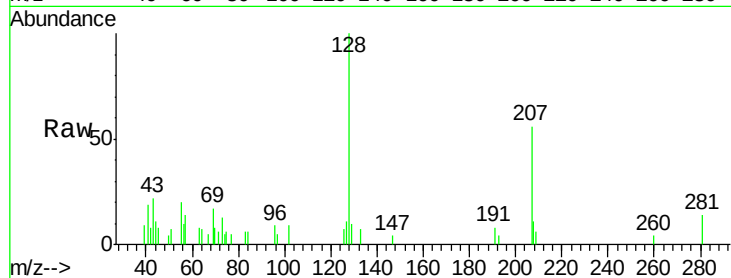




#95
Naphthalene
Concen: 1.145 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN060989.D
Acq: 16 Apr 2020 2:04

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion:128 Resp: 6958
Ion Ratio Lower Upper
128 100
127 11.1 10.2 15.2
129 9.5 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

