

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040820\
 Data File : VN060897.D
 Acq On : 8 Apr 2020 13:47
 Operator : JC/MD
 Sample : PB128091ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128091ZHE#01

Quant Time: Apr 09 08:52:50 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

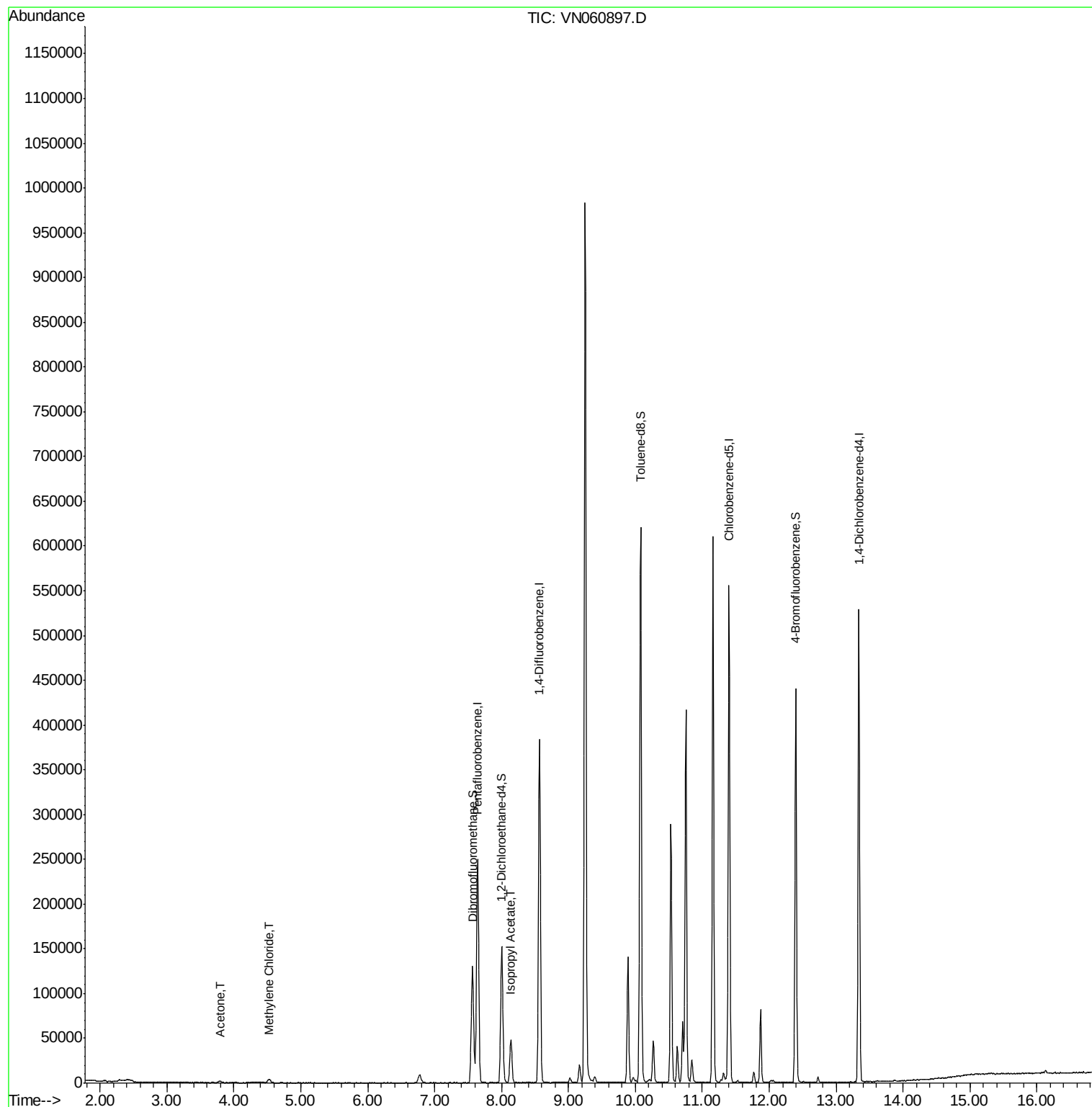
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	203327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	343725	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	317789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139836	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	130910	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
35) Dibromofluoromethane	7.57	113	100107	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
50) Toluene-d8	10.08	98	420895	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.40	95	154666	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
Target Compounds						
16) Acetone	3.79	43	3495	3.535	ug/l	90
20) Methylene Chloride	4.52	84	3075	1.264	ug/l	93
43) Isopropyl Acetate	8.14	43	60250	10.158	ug/l #	89

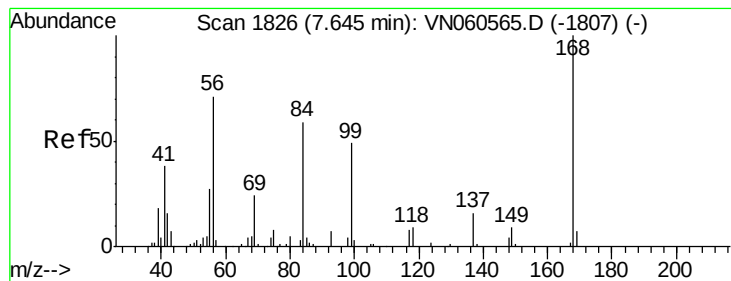
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060897.D

Acq: 8 Apr 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

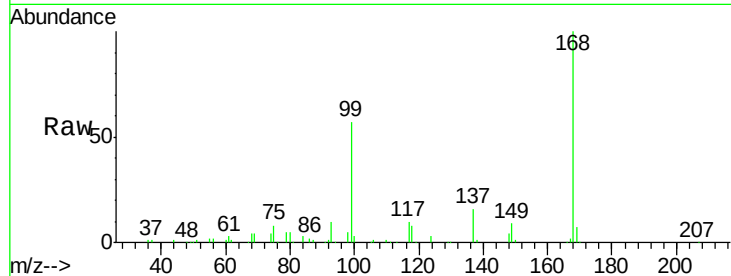
PB128091ZHE#01

Tot Ion:168 Resp: 203327

Ion Ratio Lower Upper

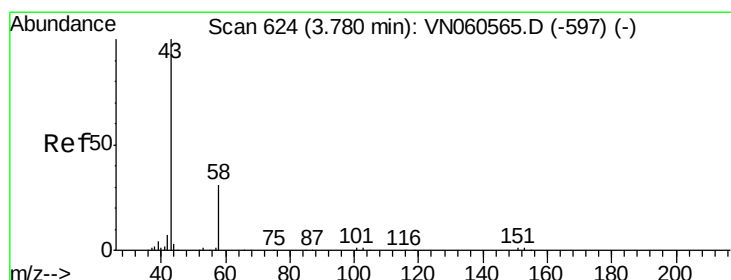
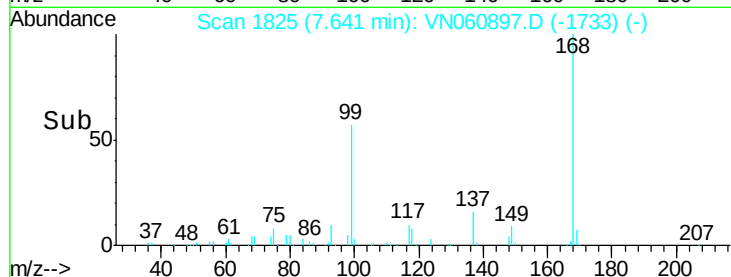
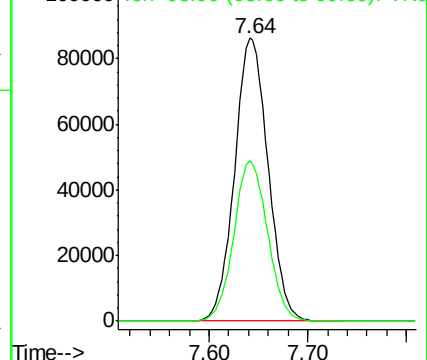
168 100

99 56.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060897.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN060897.D (-1733) (-)



#16

Acetone

Concen: 3.535 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060897.D

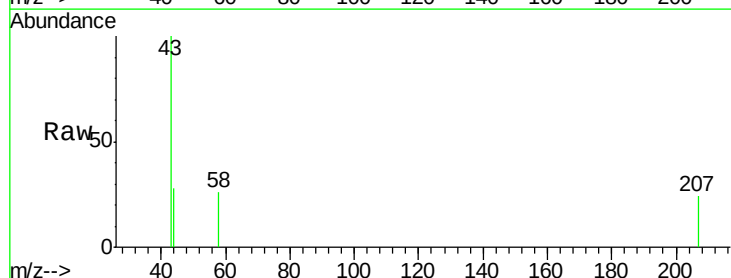
Acq: 8 Apr 2020 13:47

Tgt Ion: 43 Resp: 3495

Ion Ratio Lower Upper

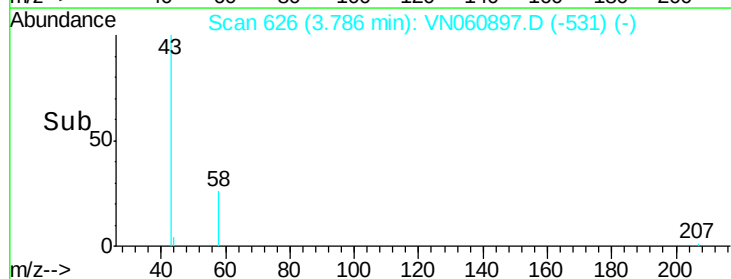
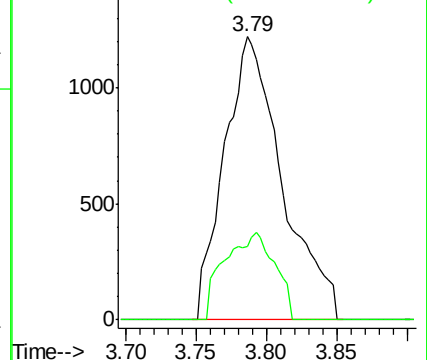
43 100

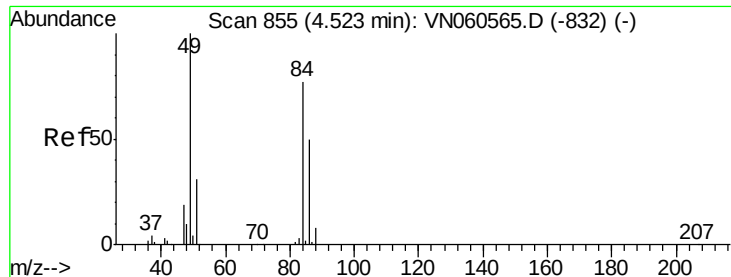
58 26.0 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060897.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060897.D (-531) (-)

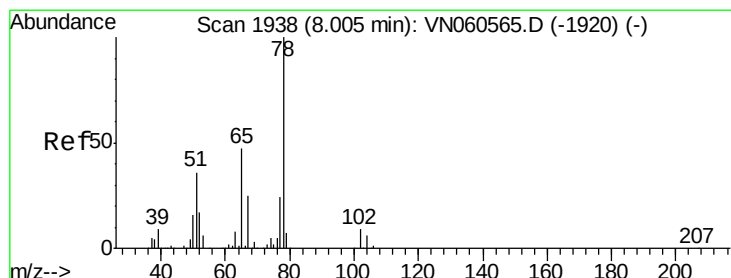
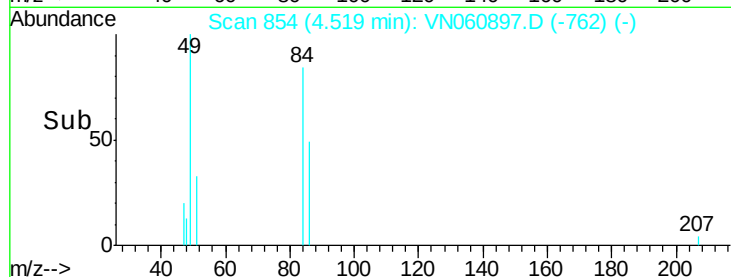
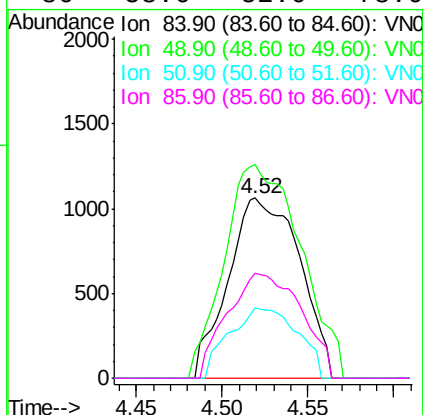
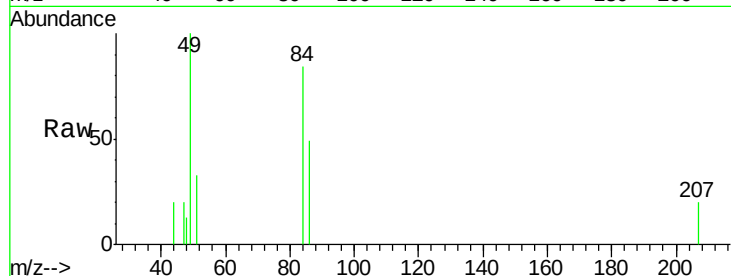




#20
Methylene Chloride
Concen: 1.264 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060897.D
Acq: 8 Apr 2020 13:47

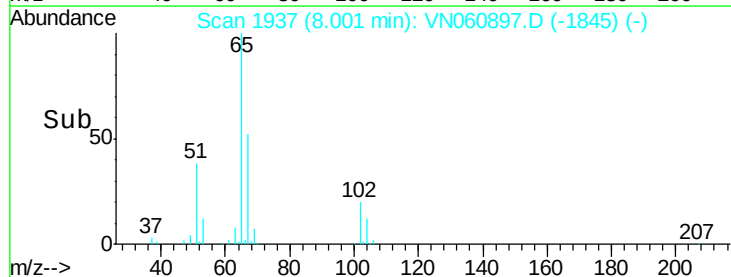
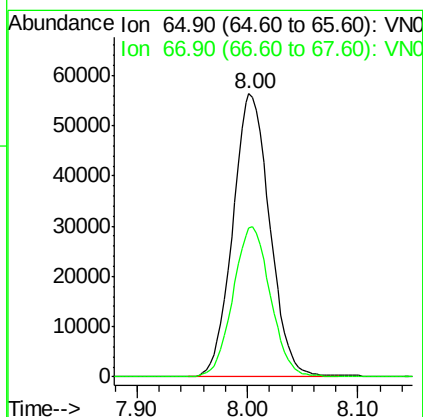
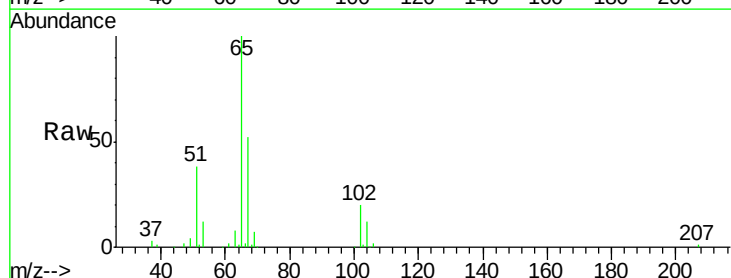
Instrument :
MSVOA_N
ClientSampleId :
PB128091ZHE#01

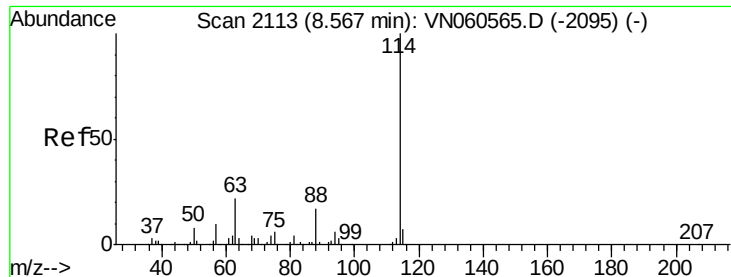
Tot Ion: 84 Resp: 3075
Ion Ratio Lower Upper
84 100
49 118.6 103.3 154.9
51 39.0 31.6 47.4
86 58.6 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 46.901 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060897.D
Acq: 8 Apr 2020 13:47

Tgt Ion: 65 Resp: 130910
Ion Ratio Lower Upper
65 100
67 53.5 0.0 107.6

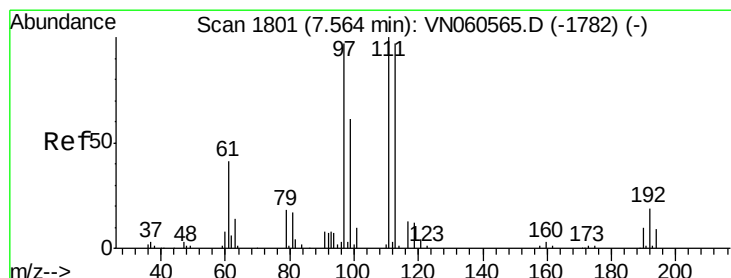
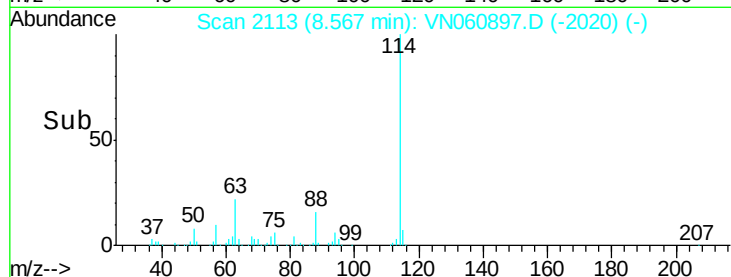
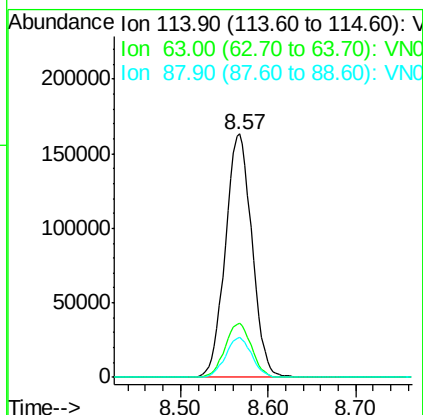
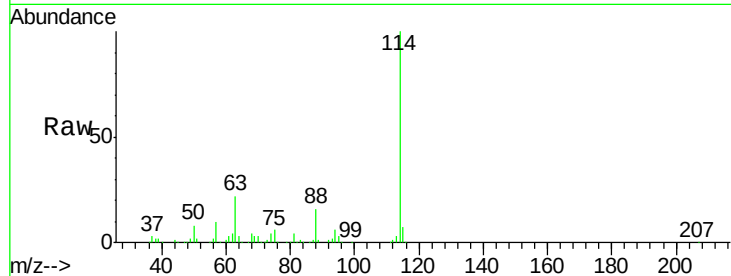




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060897.D
 Acq: 8 Apr 2020 13:47

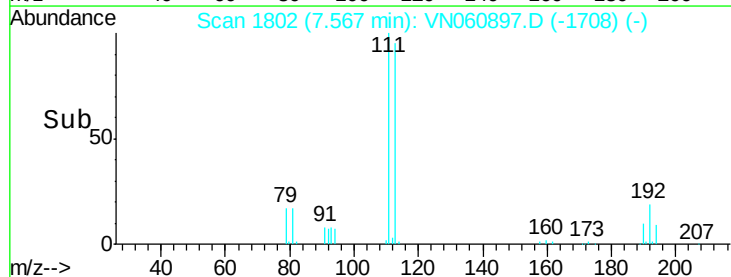
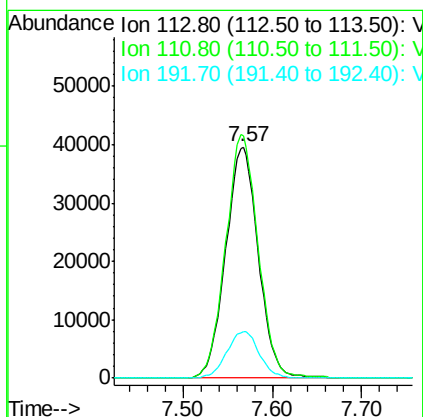
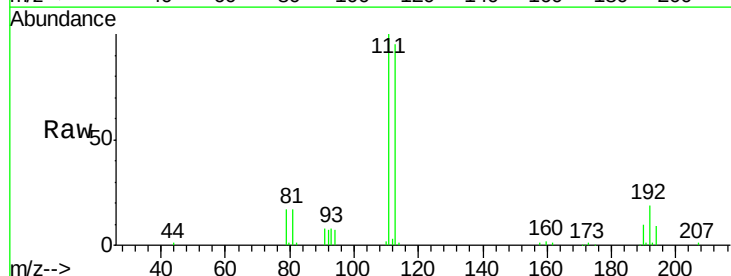
Instrument :
 MSVOA_N
 ClientSampleId :
 PB128091ZHE#01

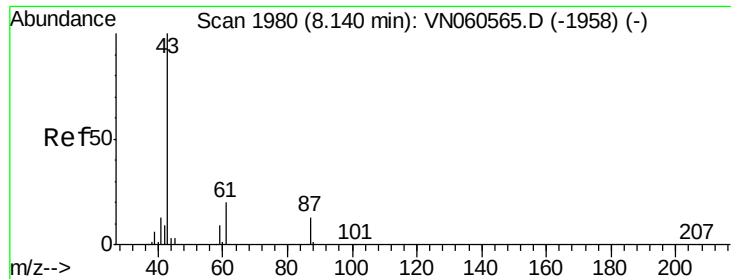
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.8
88	16.2	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 48.165 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060897.D
 Acq: 8 Apr 2020 13:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.1	82.9	124.3
192	20.0	15.8	23.8





#43

Isopropyl Acetate

Concen: 10.158 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060897.D

Acq: 8 Apr 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

PB128091ZHE#01

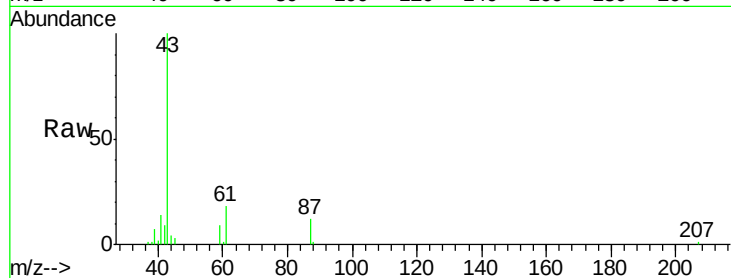
Tot Ion: 43 Resp: 60250

Ion Ratio Lower Upper

43 100

61 18.4 20.7 31.1#

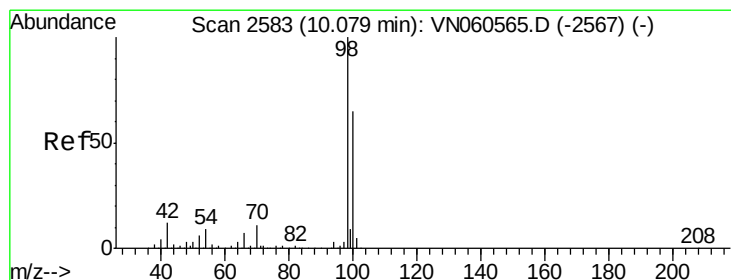
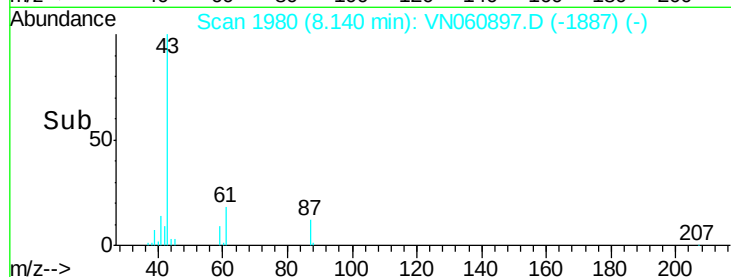
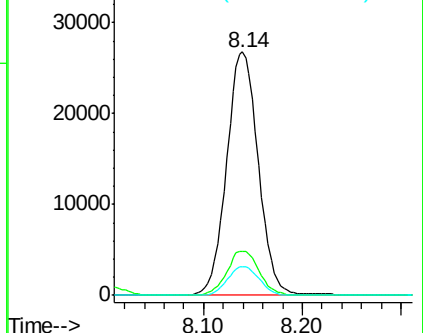
87 11.6 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060897.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060897.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060897.D (-1887) (-)



#50

Toluene-d8

Concen: 49.579 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060897.D

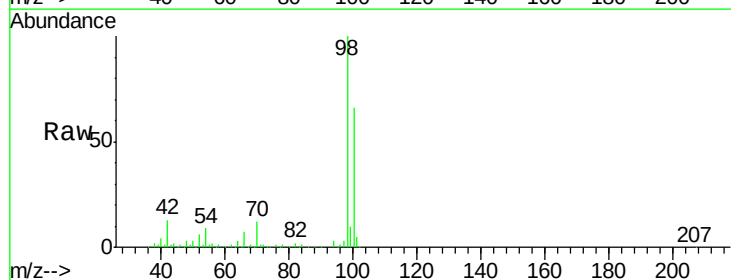
Acq: 8 Apr 2020 13:47

Tgt Ion: 98 Resp: 420895

Ion Ratio Lower Upper

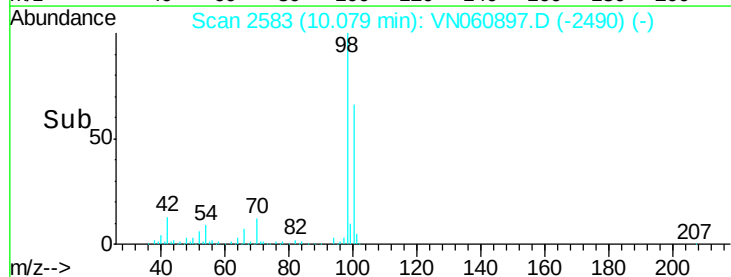
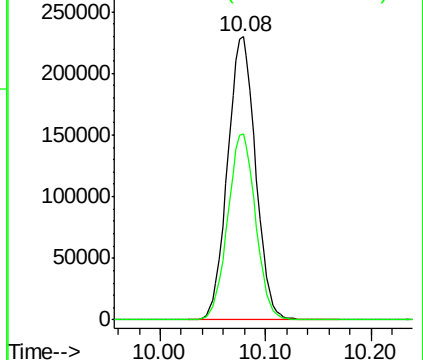
98 100

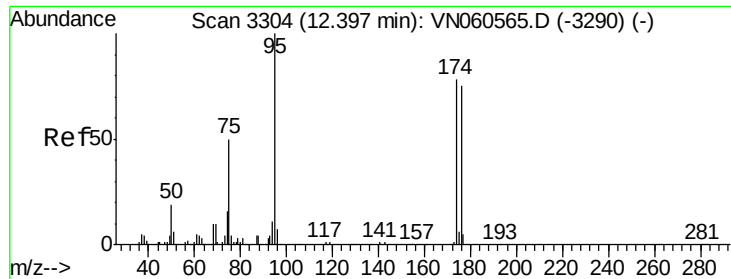
100 65.2 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060897.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060897.D (-2490) (-)

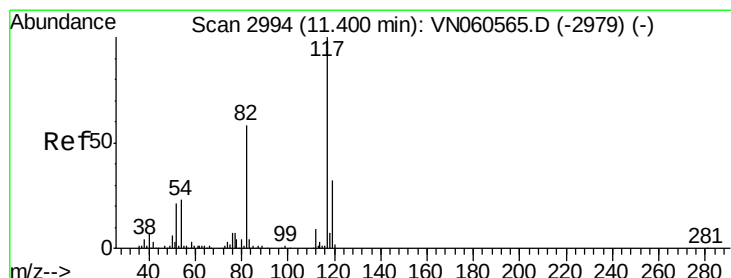
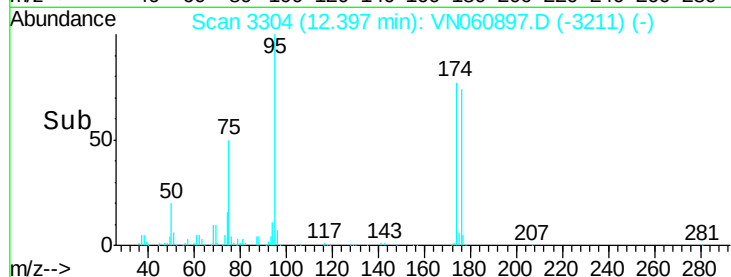
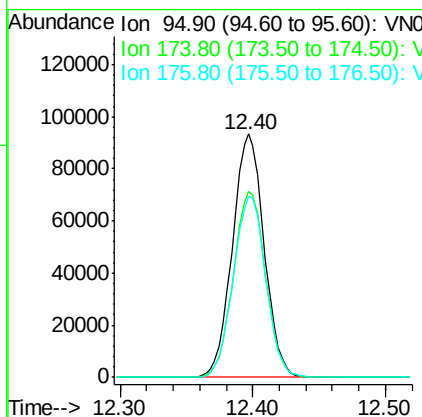
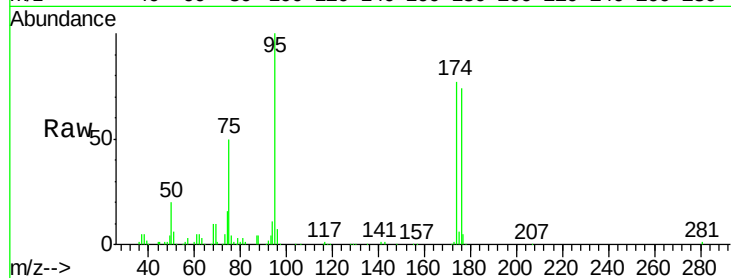




#62
4-Bromofluorobenzene
Concen: 49.712 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060897.D
Acq: 8 Apr 2020 13:47

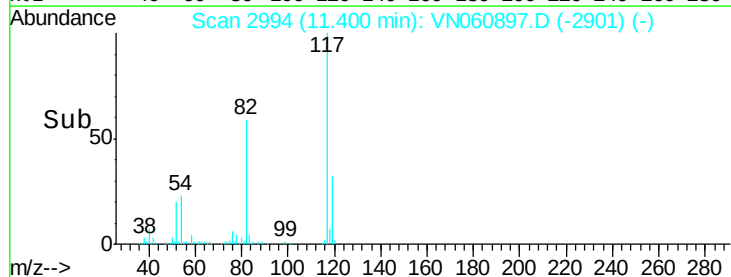
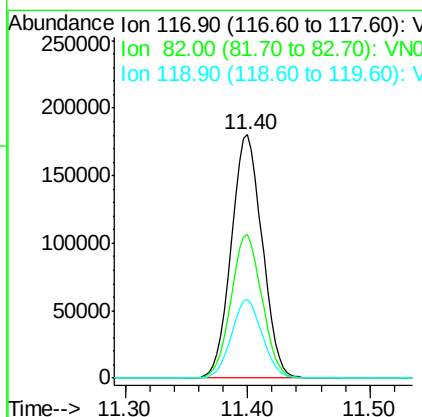
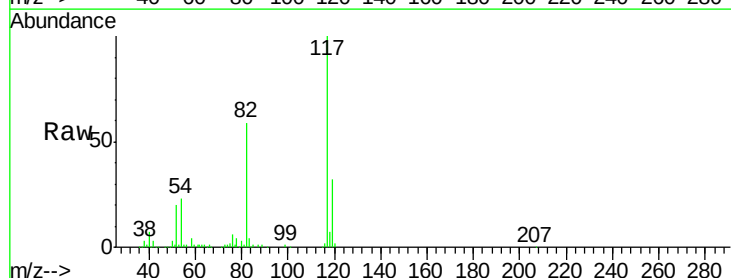
Instrument :
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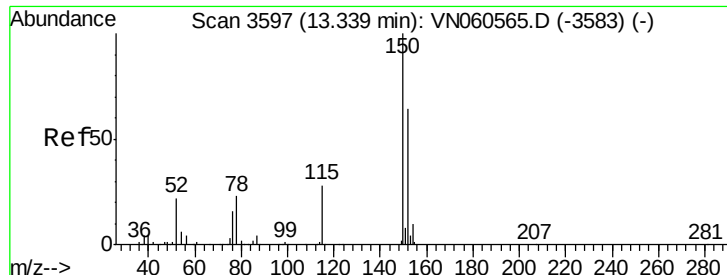
Tot Ion: 95 Resp: 154666
Ion Ratio Lower Upper
95 100
174 77.7 0.0 157.6
176 76.0 0.0 150.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060897.D
Acq: 8 Apr 2020 13:47

Tgt Ion: 117 Resp: 317789
Ion Ratio Lower Upper
117 100
82 58.9 46.7 70.1
119 32.4 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: VN060897.D

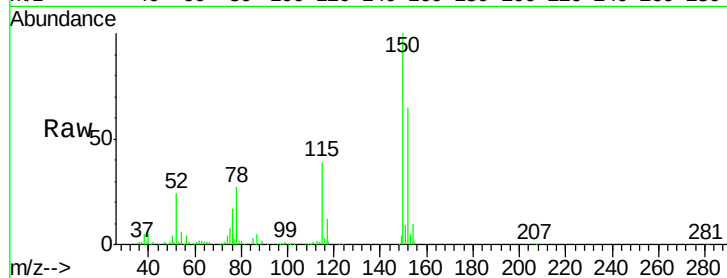
Acq: 8 Apr 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

PB128091ZHE#01



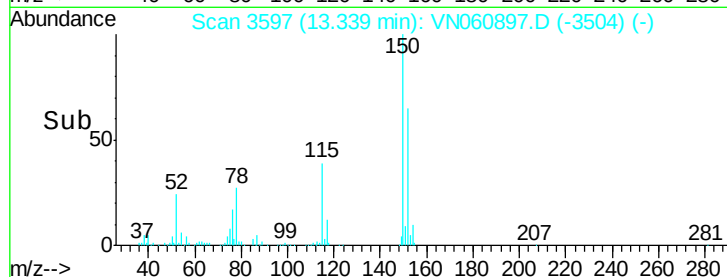
Tot Ion:152 Resp: 139836

Ion Ratio Lower Upper

152 100

115 59.7 30.2 90.6

150 156.4 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

