

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031920\
 Data File : VN060631.D
 Acq On : 19 Mar 2020 13:06
 Operator : JC/MD
 Sample : PB127661ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127661ZHE#03

Quant Time: Mar 20 07:11:02 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

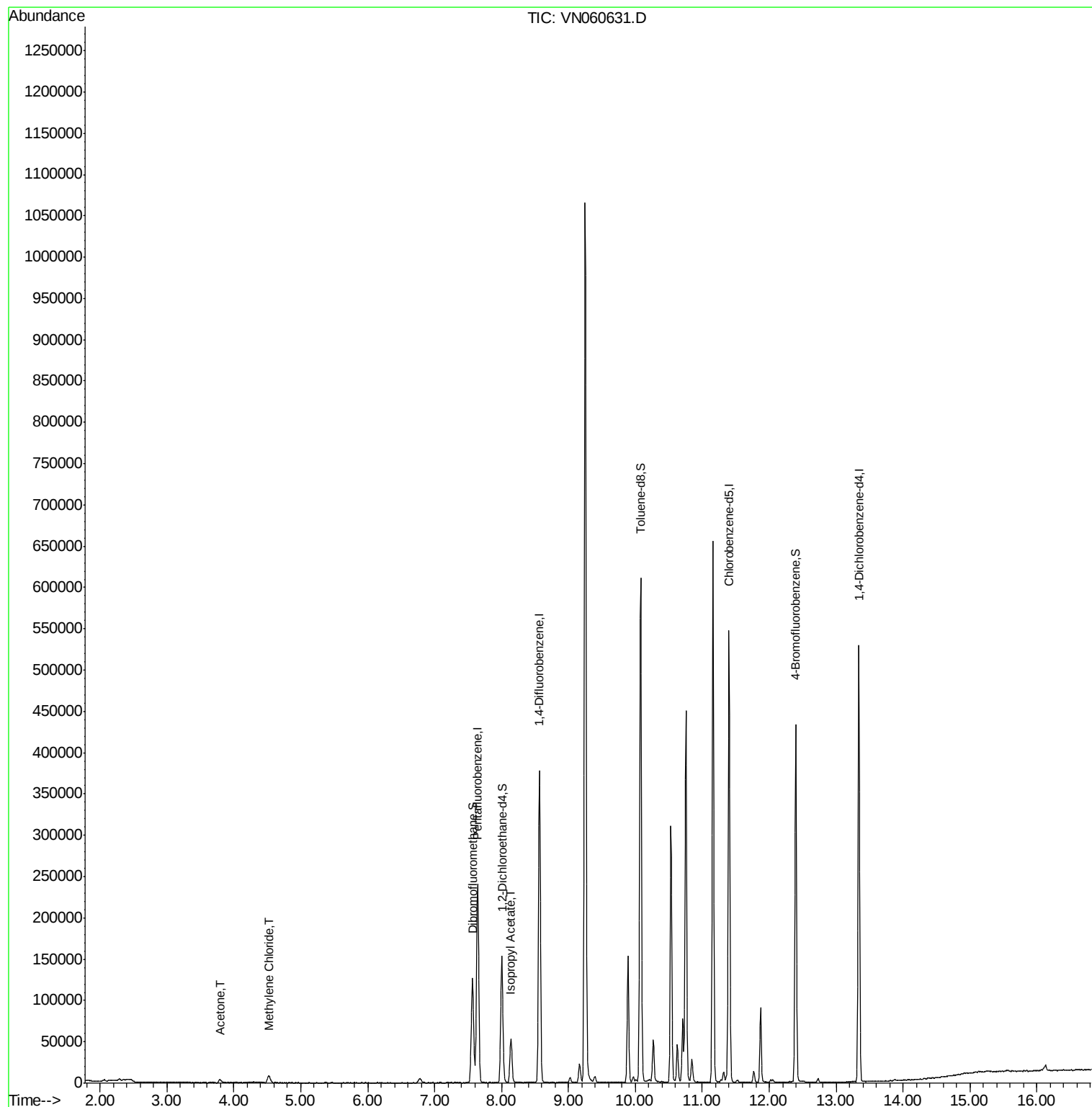
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	199202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	333546	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	309980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	138476	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	130127	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
35) Dibromofluoromethane	7.57	113	98677	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
50) Toluene-d8	10.08	98	411823	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.40	95	150679	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
Target Compounds						
16) Acetone	3.79	43	6188	6.388	ug/l	92
20) Methylene Chloride	4.52	84	6725	2.822	ug/l	96
43) Isopropyl Acetate	8.14	43	64997	11.293	ug/l #	91

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060631.D

Acq: 19 Mar 2020 13:06

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ClientSampleId :

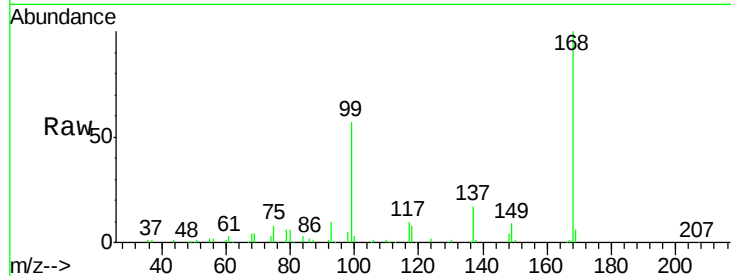
PB127661ZHE#03

Tot Ion:168 Resp: 199202

Ion Ratio Lower Upper

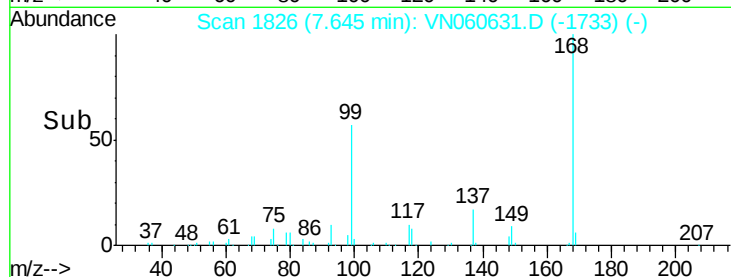
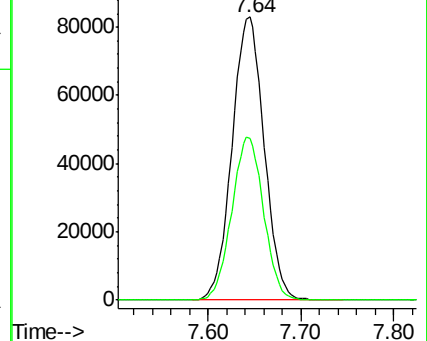
168 100

99 57.2 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 6.388 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060631.D

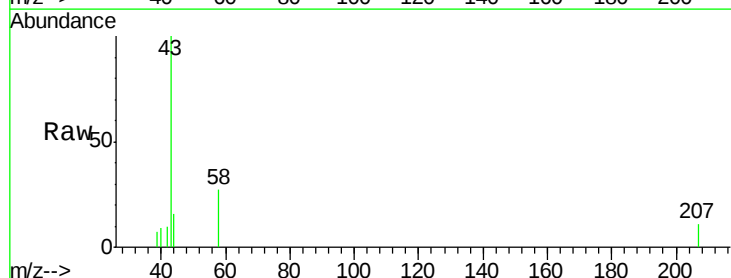
Acq: 19 Mar 2020 13:06

Tgt Ion: 43 Resp: 6188

Ion Ratio Lower Upper

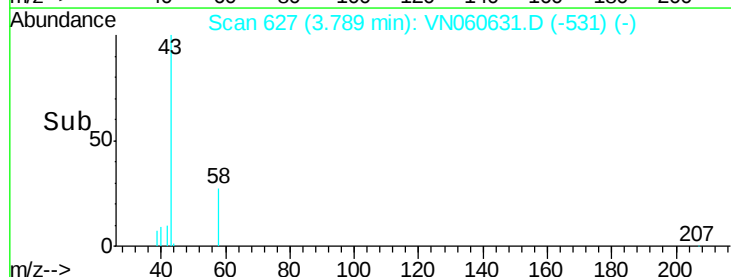
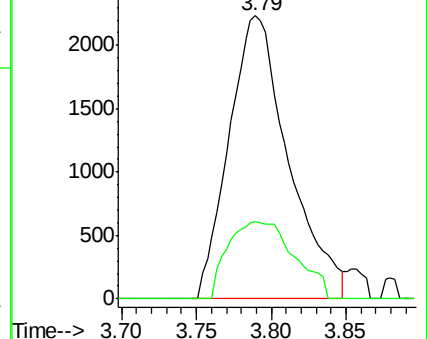
43 100

58 27.2 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

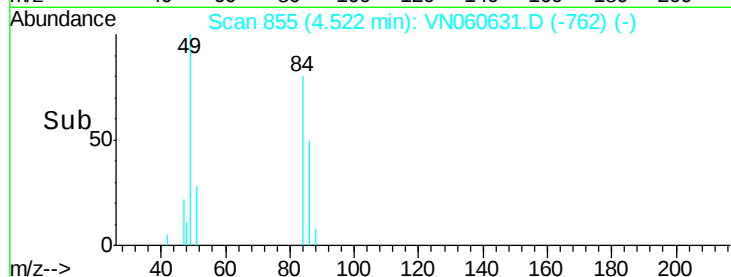
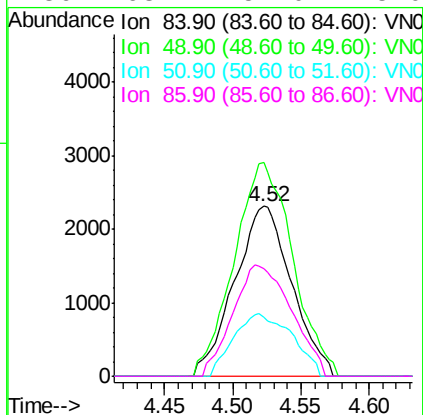
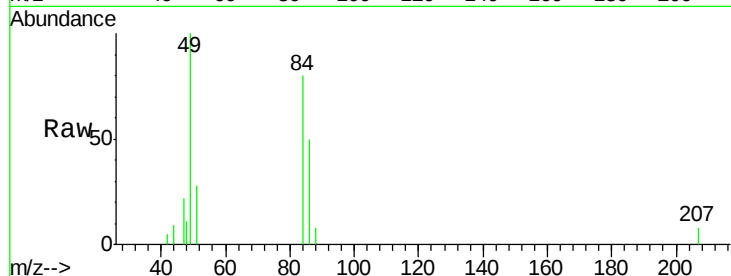




#20
Methvlene Chloride
Concen: 2.822 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060631.D
Acq: 19 Mar 2020 13:06

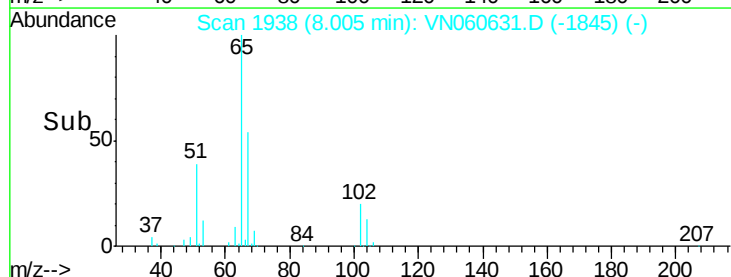
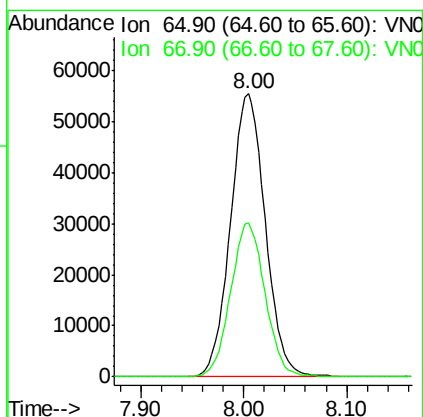
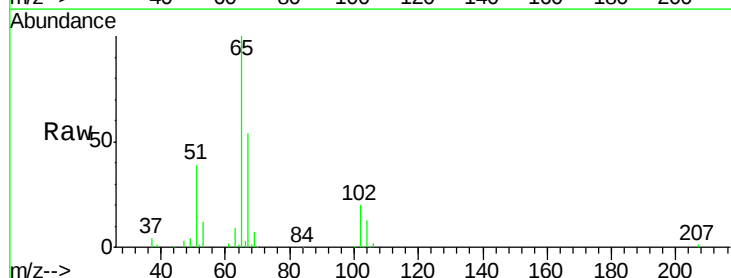
Instrument :
MSVOA_N
ClientSampleId :
PB127661ZHE#03

Tot Ion:	84	Resp:	6725
Ion	Ratio	Lower	Upper
84	100		
49	125.6	103.3	154.9
51	34.8	31.6	47.4
86	63.4	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 47.586 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN060631.D
Acq: 19 Mar 2020 13:06

Tgt Ion:	65	Resp:	130127
Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	107.6

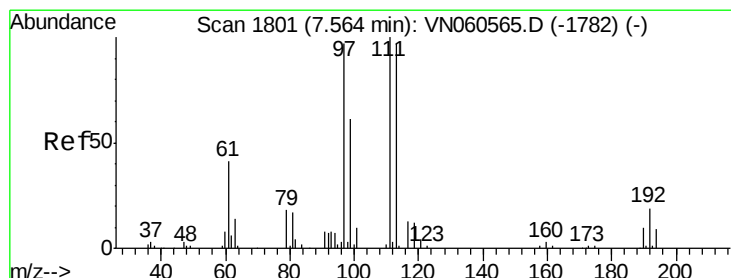
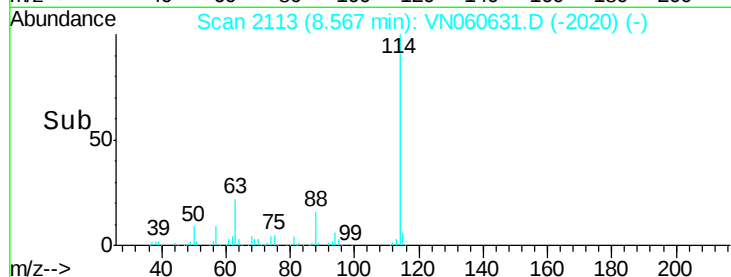
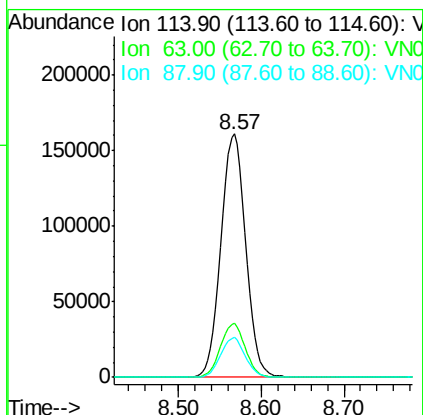
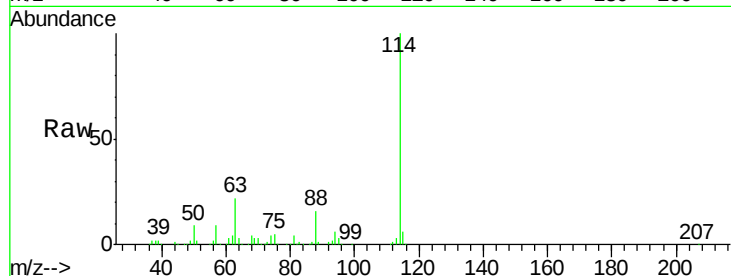




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060631.D
 Acq: 19 Mar 2020 13:06

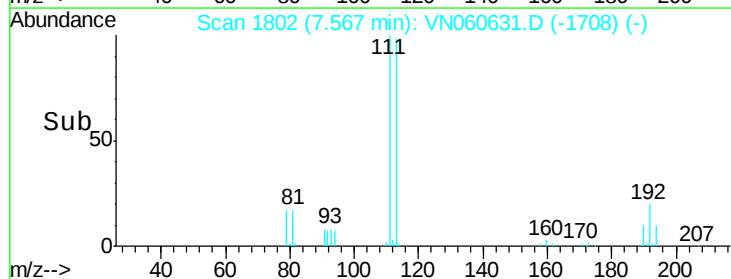
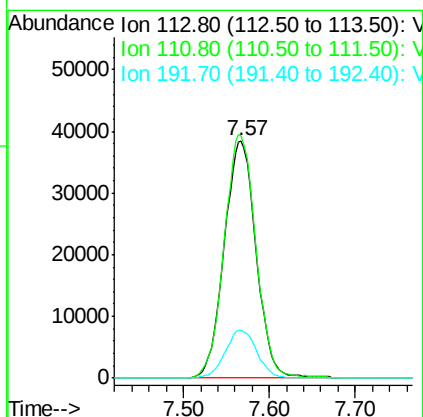
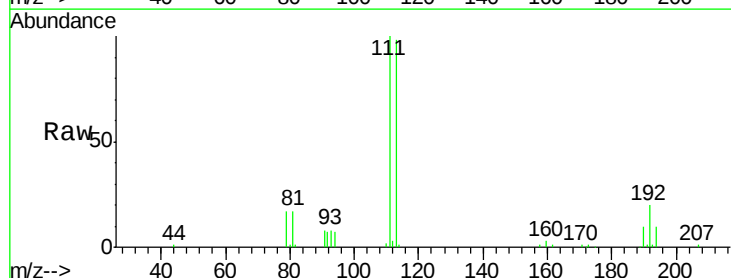
Instrument :
 MSVOA_N
 ClientSampleId :
 PB127661ZHE#03

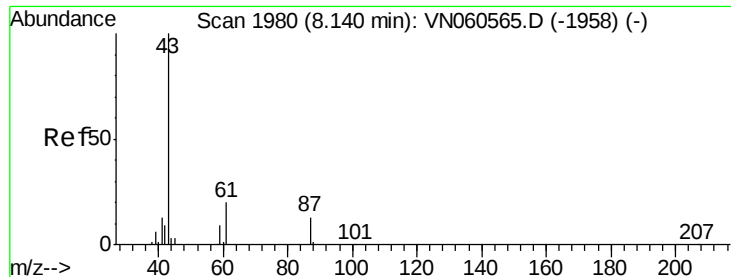
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.8
88	16.2	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 48.926 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060631.D
 Acq: 19 Mar 2020 13:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.9	124.3
192	20.0	15.8	23.8





#43

Isopropyl Acetate

Concen: 11.293 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060631.D

Acq: 19 Mar 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

PB127661ZHE#03

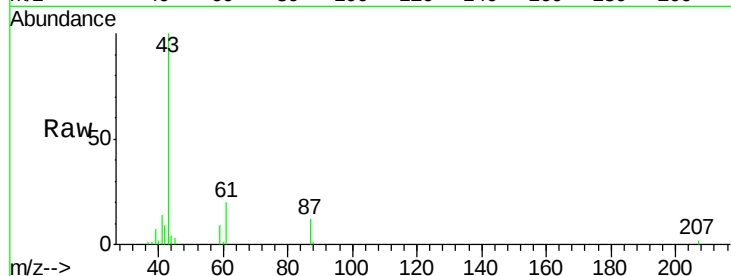
Tot Ion: 43 Resp: 64997

Ion Ratio Lower Upper

43 100

61 19.2 20.7 31.1#

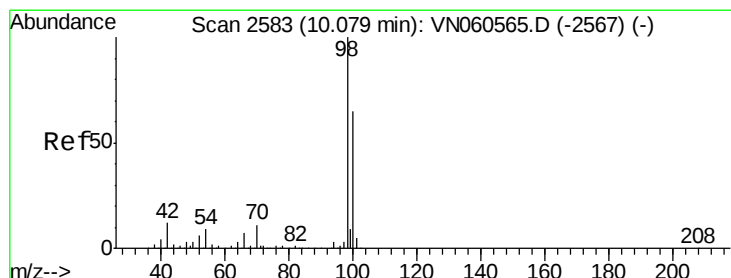
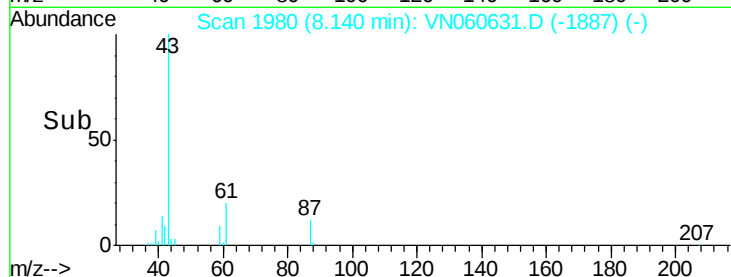
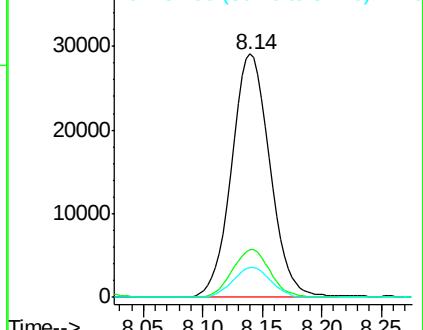
87 12.0 9.8 14.8



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: 49.990 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060631.D

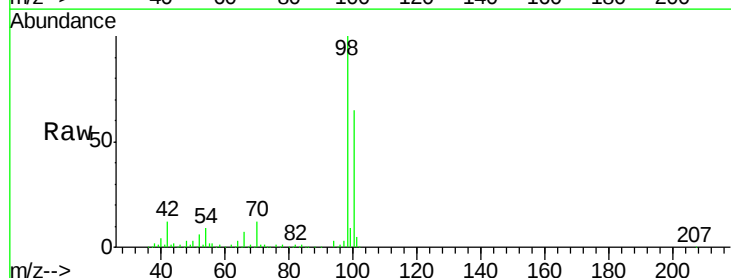
Acq: 19 Mar 2020 13:06

Tgt Ion: 98 Resp: 411823

Ion Ratio Lower Upper

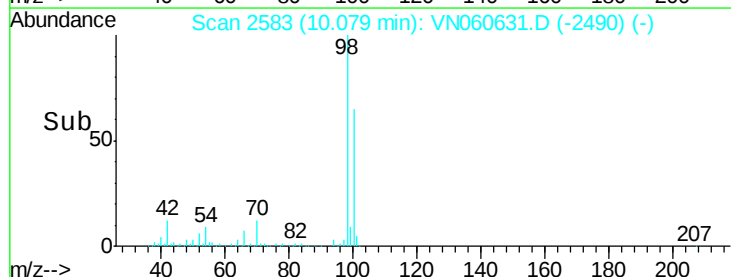
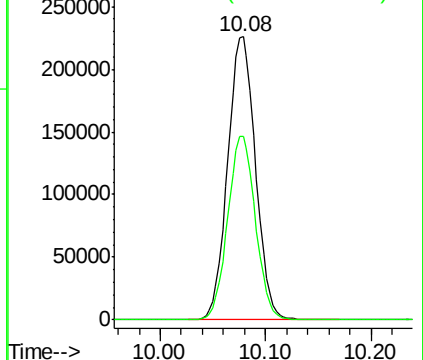
98 100

100 64.6 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) (-)





#62

4-Bromofluorobenzene

Concen: 49.908 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060631.D

Acq: 19 Mar 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

PB127661ZHE#03

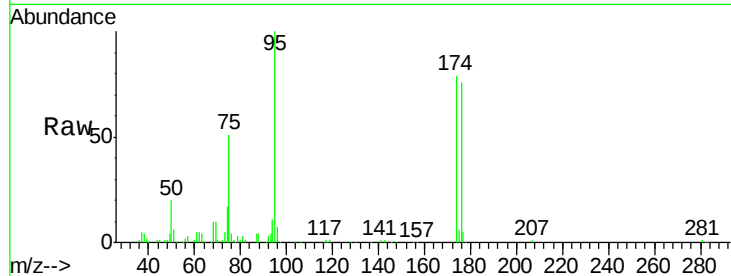
Tot Ion: 95 Resp: 150679

Ion Ratio Lower Upper

95 100

174 78.8 0.0 157.6

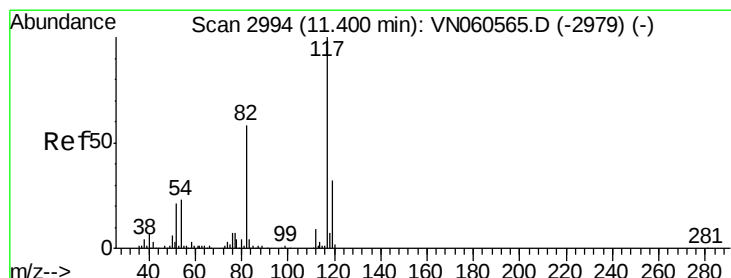
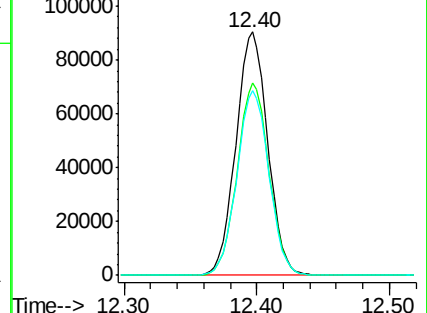
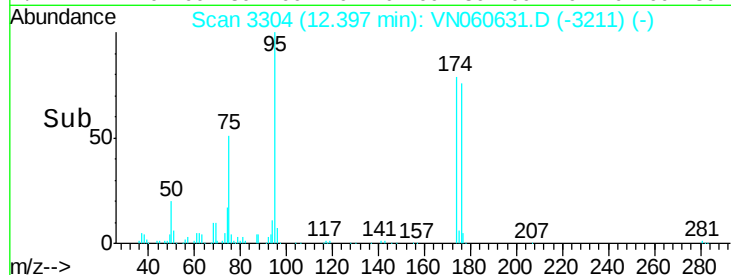
176 76.2 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060631.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060631.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060631.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060631.D

Acq: 19 Mar 2020 13:06

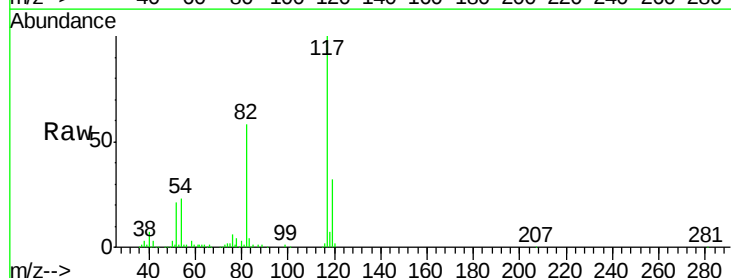
Tgt Ion: 117 Resp: 309980

Ion Ratio Lower Upper

117 100

82 57.7 46.7 70.1

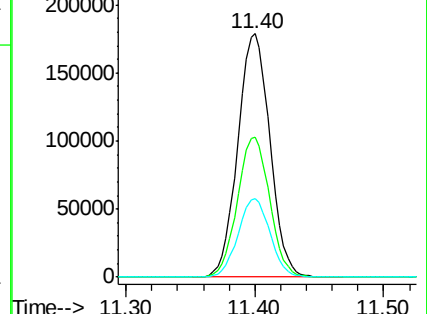
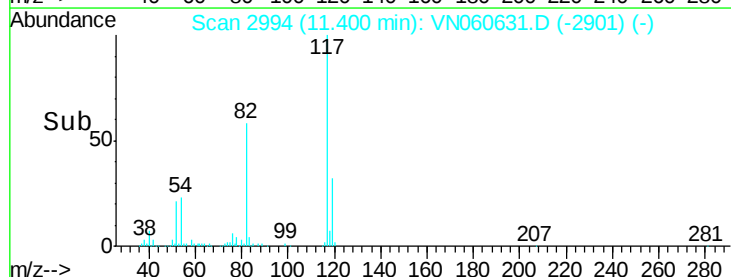
119 32.3 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN060631.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060631.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060631.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060631.D

Acq: 19 Mar 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

PB127661ZHE#03

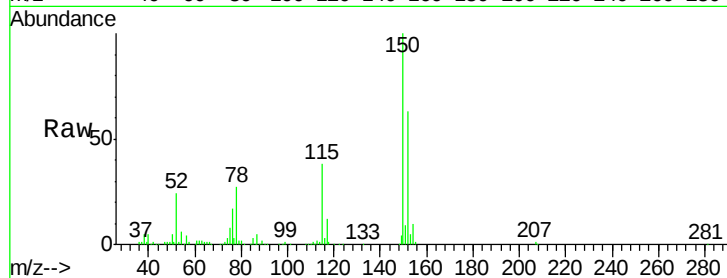
Tot Ion:152 Resp: 138476

Ion Ratio Lower Upper

152 100

115 60.0 30.2 90.6

150 156.6 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

