

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033120\
 Data File : VN060797.D
 Acq On : 31 Mar 2020 19:29
 Operator : JC/MD
 Sample : PB127897ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127897ZHE#04

Quant Time: Apr 01 09:01:22 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

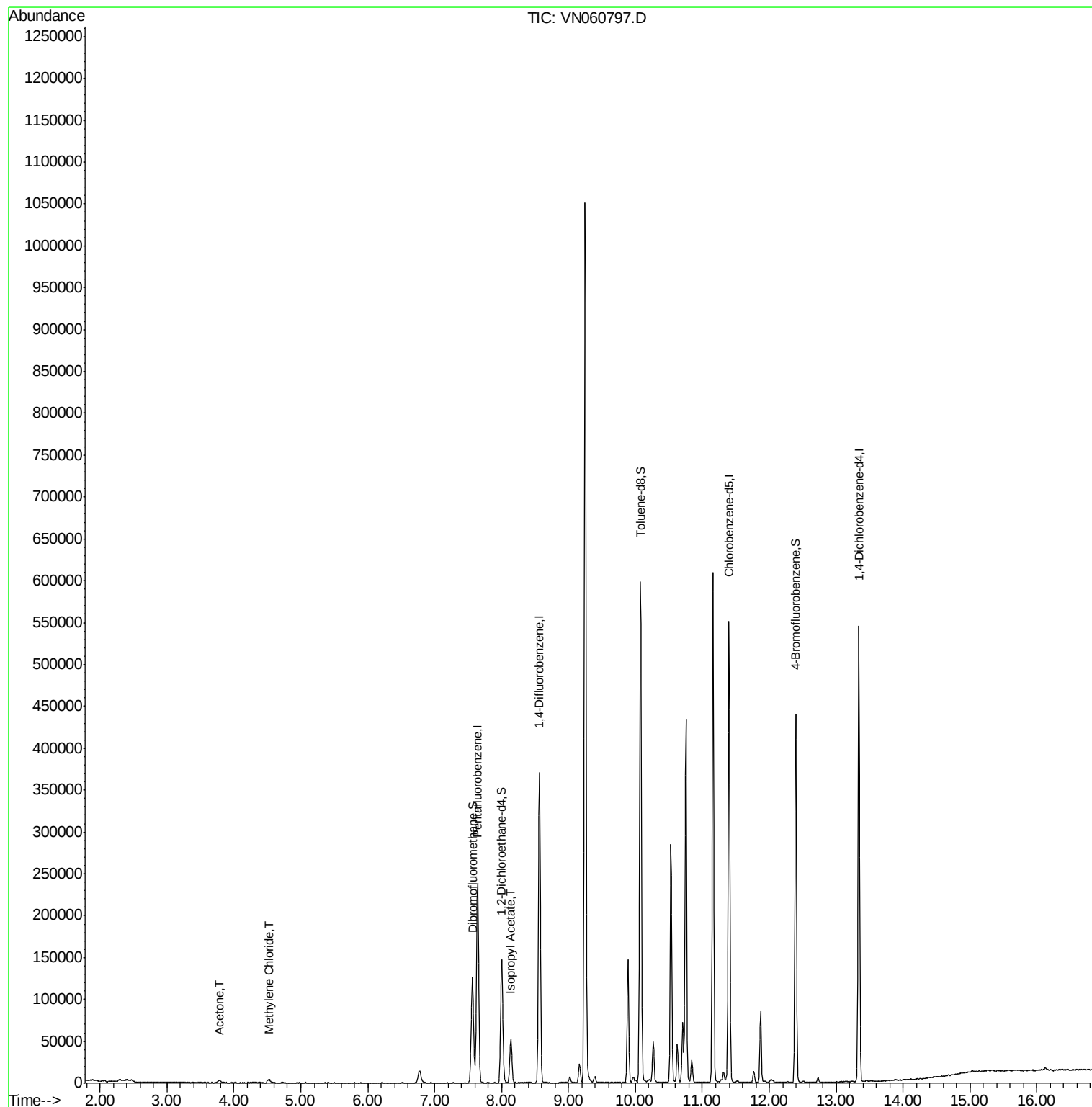
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	196940	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	329250	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	311288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	144590	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	127505	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
35) Dibromofluoromethane	7.56	113	97086	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
50) Toluene-d8	10.08	98	406241	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.40	95	153857	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.26%	
Target Compounds						
16) Acetone	3.78	43	6319	6.598	ug/l	99
20) Methylene Chloride	4.52	84	3326	1.412	ug/l	92
43) Isopropyl Acetate	8.14	43	63390	11.158	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# 1825

Delta R.T. -0.00 min

Lab File: VN060797.D

Acq: 31 Mar 2020 19:29

Instrument :

MSVOA_N

ClientSampleId :

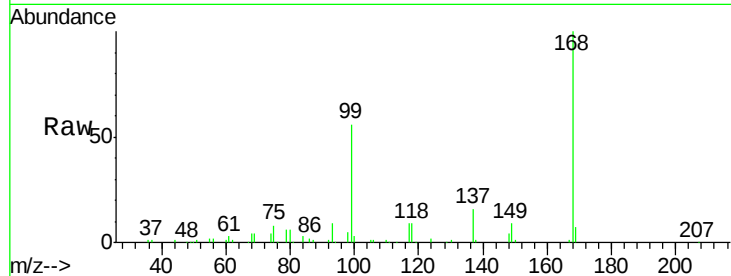
PB127897ZHE#04

Tot Ion:168 Resp: 196940

Ion Ratio Lower Upper

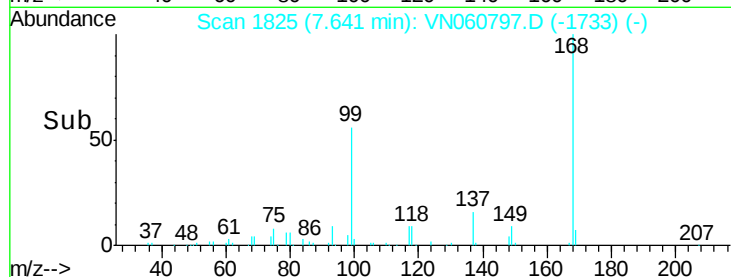
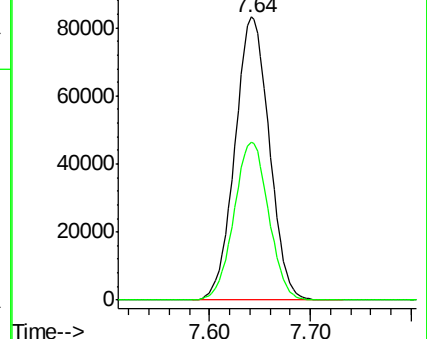
168 100

99 56.0 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 6.598 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060797.D

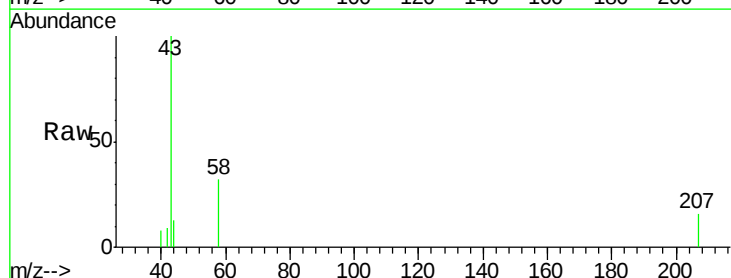
Acq: 31 Mar 2020 19:29

Tgt Ion: 43 Resp: 6319

Ion Ratio Lower Upper

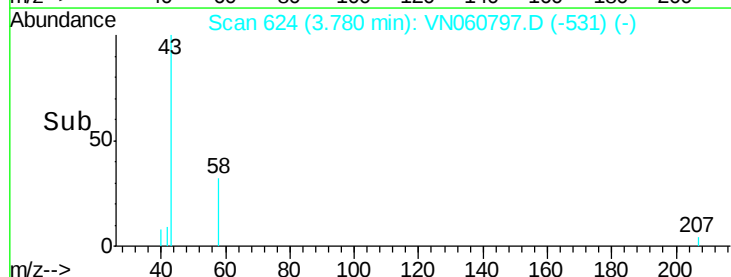
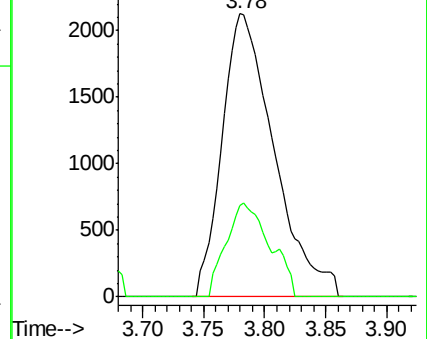
43 100

58 32.1 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 1.412 ug/l

RT: 4.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: VN060797.D

Acq: 31 Mar 2020 19:29

Instrument :

MSVOA_N

ClientSampleId :

PB127897ZHE#04

Tot Ion: 84 Resp: 3326

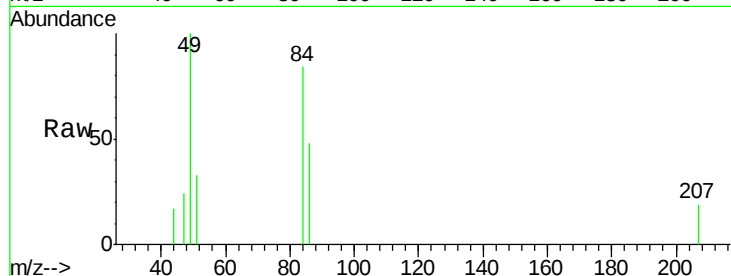
Ion Ratio Lower Upper

84 100

49 119.0 103.3 154.9

51 39.8 31.6 47.4

86 57.2 52.0 78.0

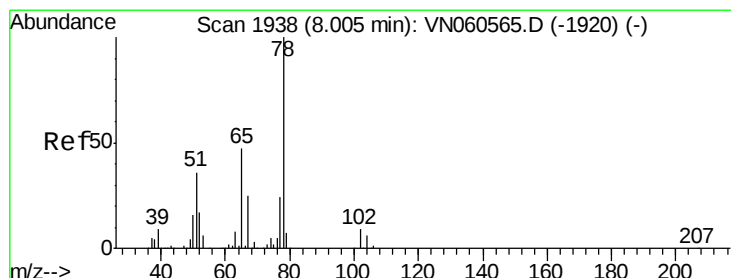
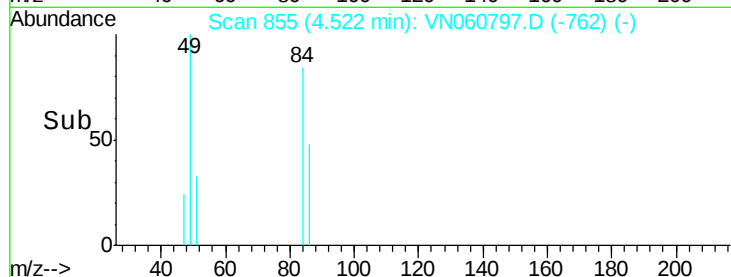
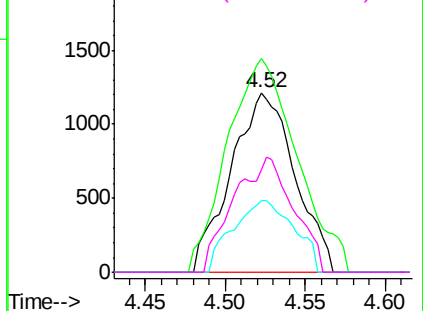


Abundance Ion 83.90 (83.60 to 84.60): VN0

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



#33

1,2-Dichloroethane-d4

Concen: 47.162 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060797.D

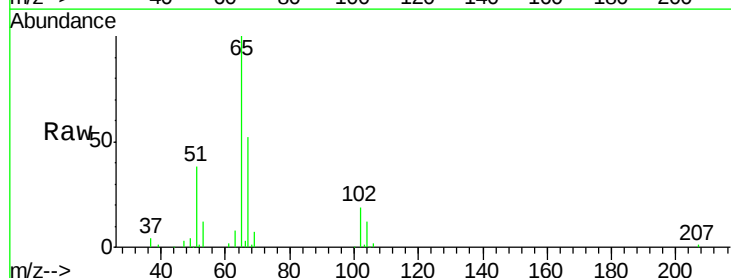
Acq: 31 Mar 2020 19:29

Tgt Ion: 65 Resp: 127505

Ion Ratio Lower Upper

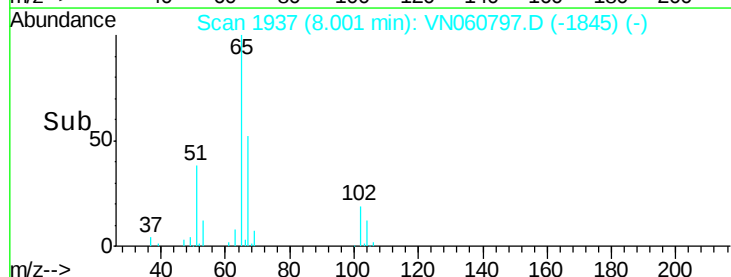
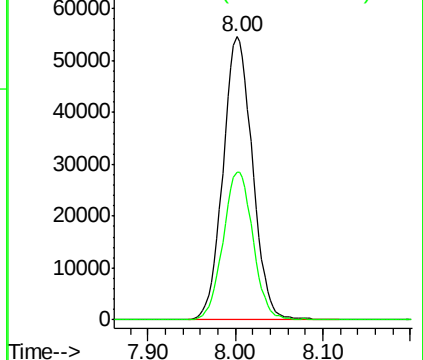
65 100

67 53.0 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060797.D

Acq: 31 Mar 2020 19:29

Instrument :

MSVOA_N

ClientSampleId :

PB127897ZHE#04

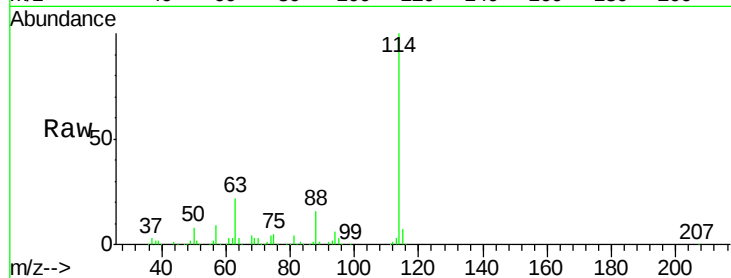
Tot Ion:114 Resp: 329250

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.8

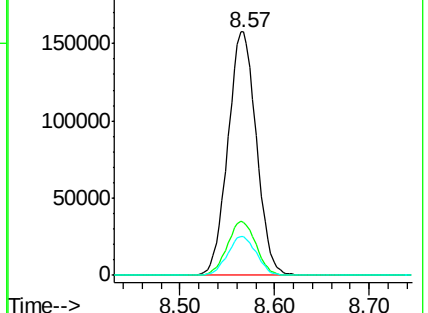
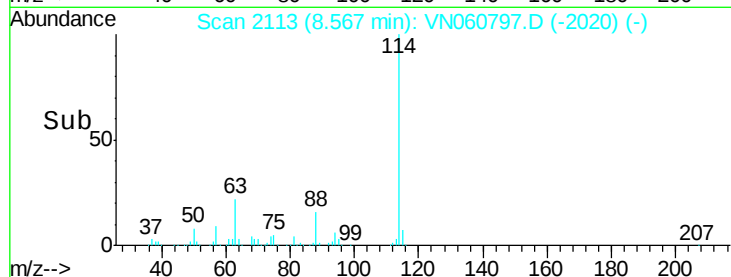
88 15.8 0.0 33.0



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: 48.766 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060797.D

Acq: 31 Mar 2020 19:29

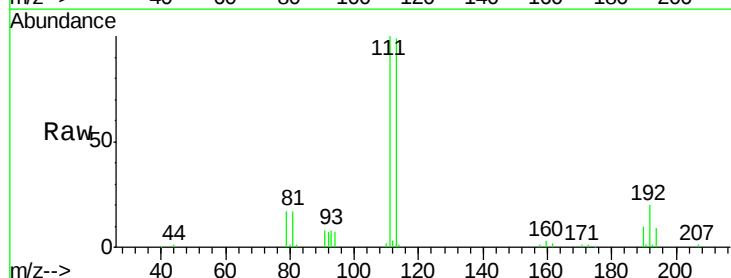
Tgt Ion:113 Resp: 97086

Ion Ratio Lower Upper

113 100

111 103.7 82.9 124.3

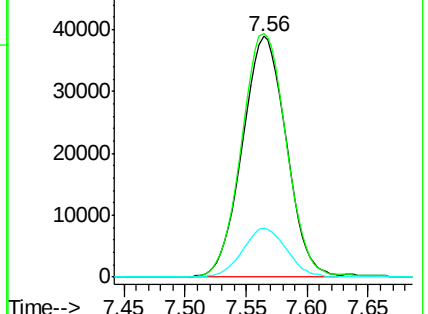
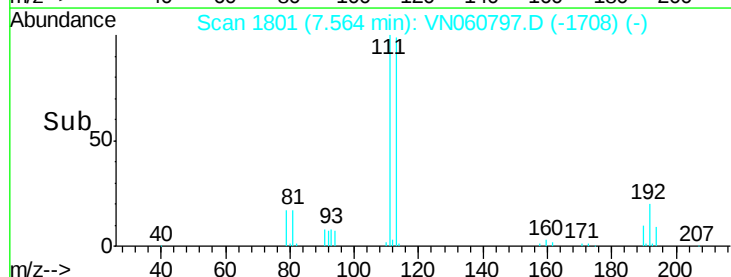
192 20.2 15.8 23.8

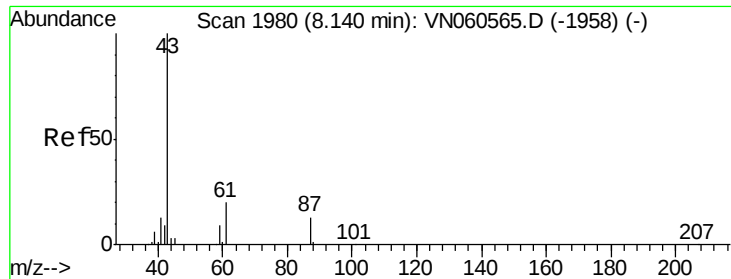


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 11.158 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060797.D

Acq: 31 Mar 2020 19:29

Instrument :

MSVOA_N

ClientSampleId :

PB127897ZHE#04

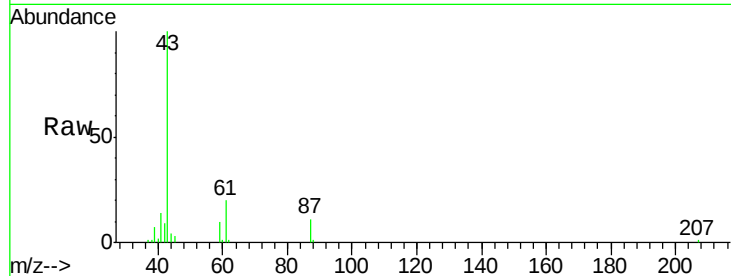
Tot Ion: 43 Resp: 63390

Ion Ratio Lower Upper

43 100

61 19.4 20.7 31.1#

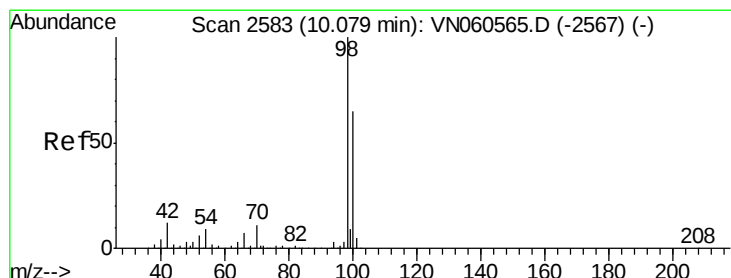
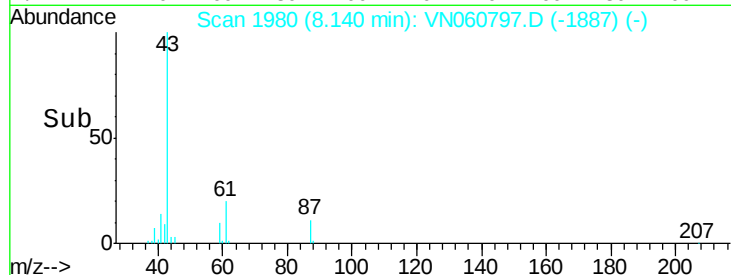
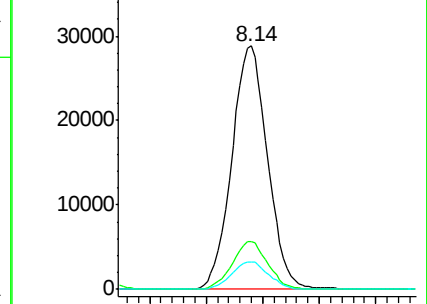
87 11.5 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060797.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060797.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060797.D (-1887) (-)



#50

Toluene-d8

Concen: 49.956 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060797.D

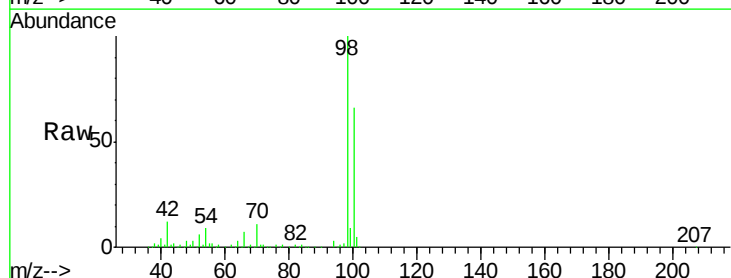
Acq: 31 Mar 2020 19:29

Tgt Ion: 98 Resp: 406241

Ion Ratio Lower Upper

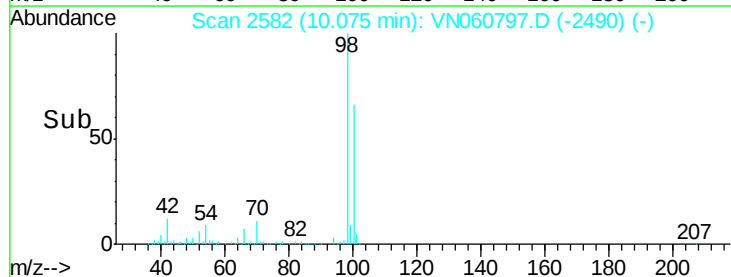
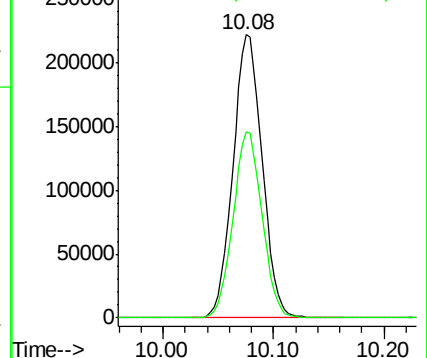
98 100

100 65.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060797.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060797.D (-2490) (-)

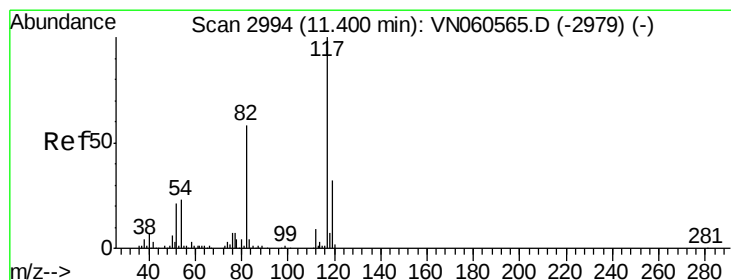
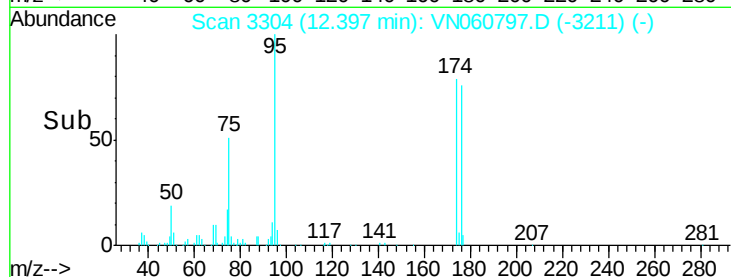
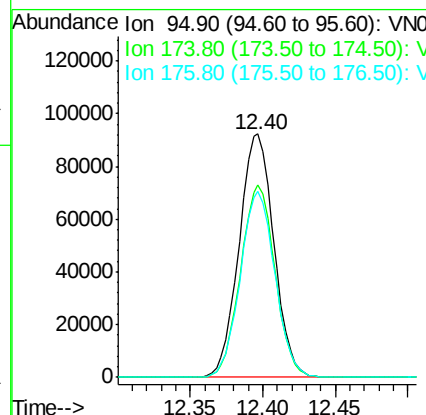
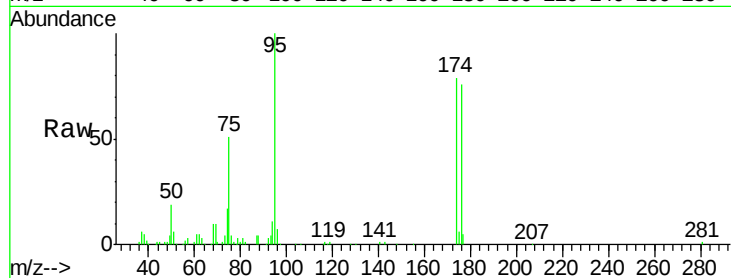




#62
4-Bromofluorobenzene
Concen: 51.626 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060797.D
Acq: 31 Mar 2020 19:29

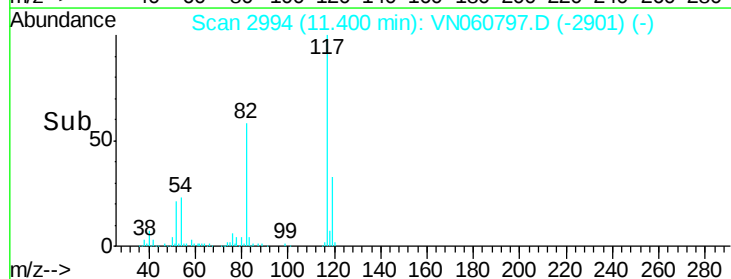
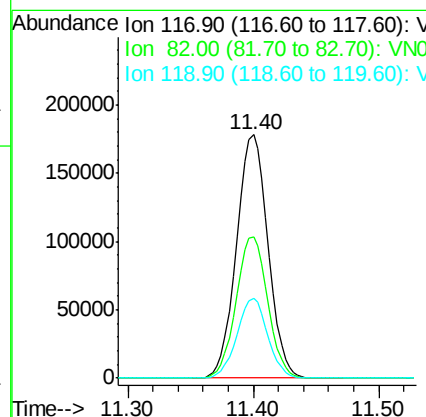
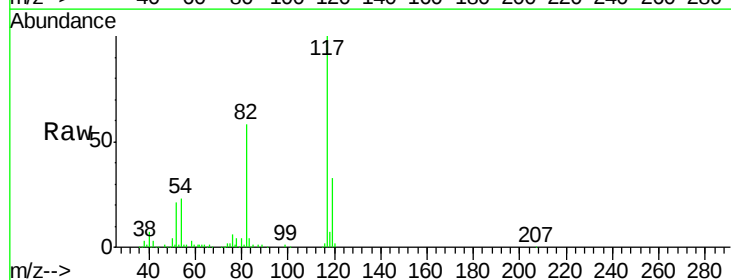
Instrument :
MSVOA_N
ClientSampleId :
PB127897ZHE#04

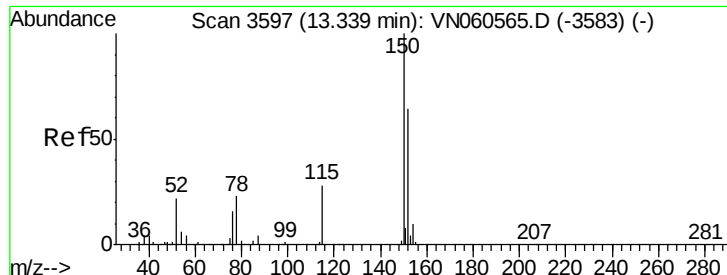
Tot Ion	Ratio	Lower	Upper
95	100		
174	78.5	0.0	157.6
176	76.1	0.0	150.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060797.D
Acq: 31 Mar 2020 19:29

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.0	46.7	70.1
119	32.7	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: VN060797.D

Acq: 31 Mar 2020 19:29

Instrument :

MSVOA_N

ClientSampleId :

PB127897ZHE#04

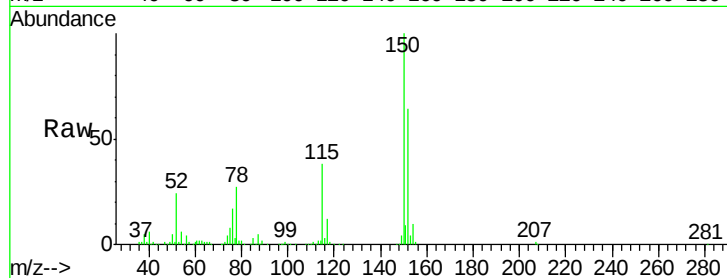
Tot Ion:152 Resp: 144590

Ion Ratio Lower Upper

152 100

115 60.6 30.2 90.6

150 157.1 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

