

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032720\
 Data File : VN060738.D
 Acq On : 27 Mar 2020 13:45
 Operator : JC/MD
 Sample : PB127814ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127814ZHE#03

Quant Time: Mar 30 00:43:50 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

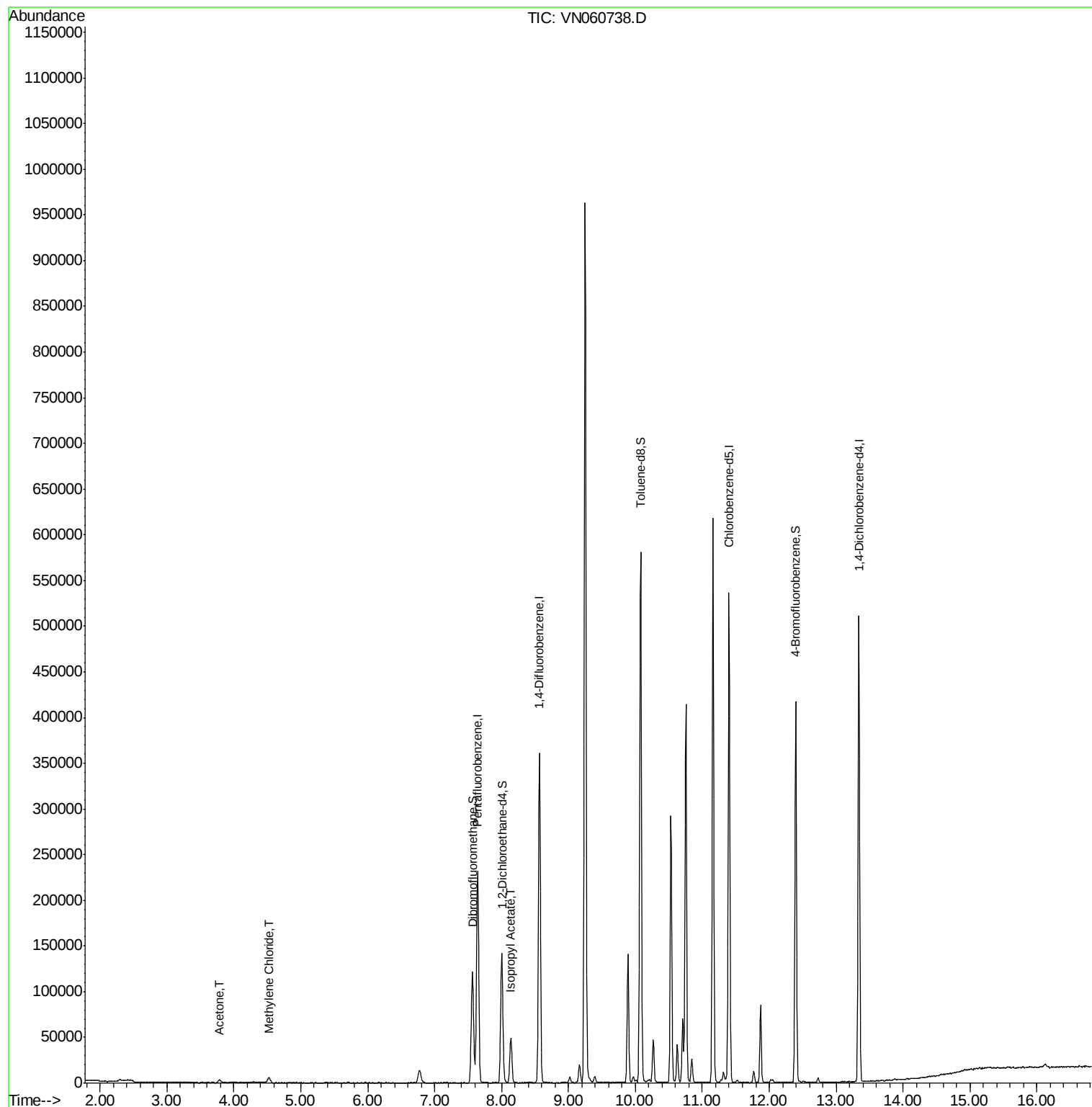
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	191099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	317966	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	299755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	136745	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	123175	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.90%	
35) Dibromofluoromethane	7.56	113	93771	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
50) Toluene-d8	10.08	98	391222	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
62) 4-Bromofluorobenzene	12.40	95	147316	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
Target Compounds						
16) Acetone	3.78	43	5825	6.269	ug/l	91
20) Methylene Chloride	4.52	84	4374	1.913	ug/l	95
43) Isopropyl Acetate	8.14	43	59091	10.770	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: VN060738.D

Acq: 27 Mar 2020 13:45

Instrument :

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ClientSampleId :

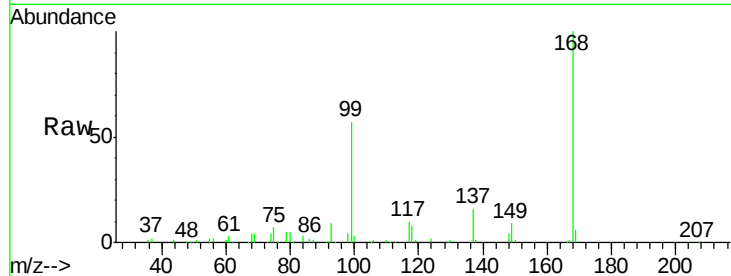
PB127814ZHE#03

Tot Ion:168 Resp: 191099

Ion Ratio Lower Upper

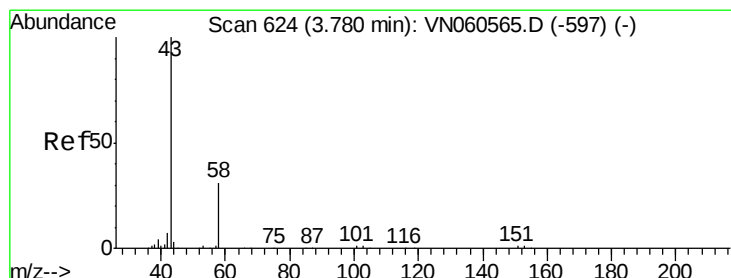
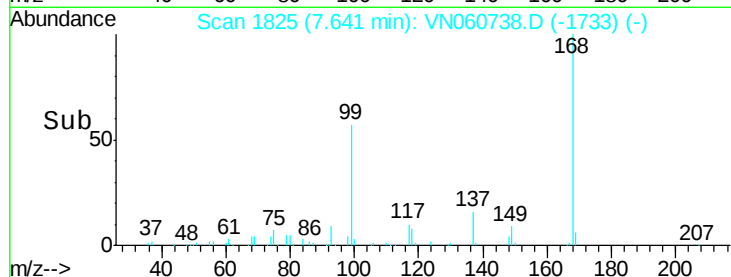
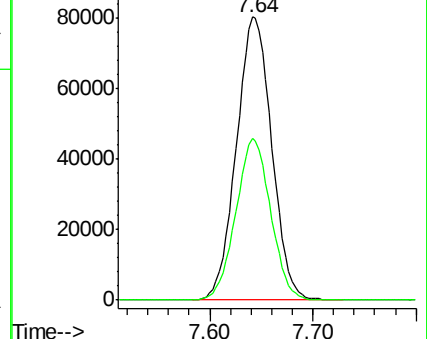
168 100

99 57.0 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: 6.269 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060738.D

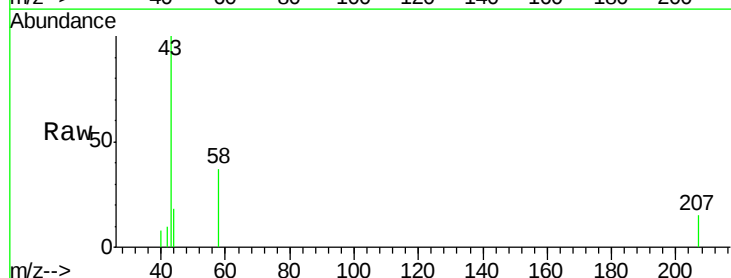
Acq: 27 Mar 2020 13:45

Tgt Ion: 43 Resp: 5825

Ion Ratio Lower Upper

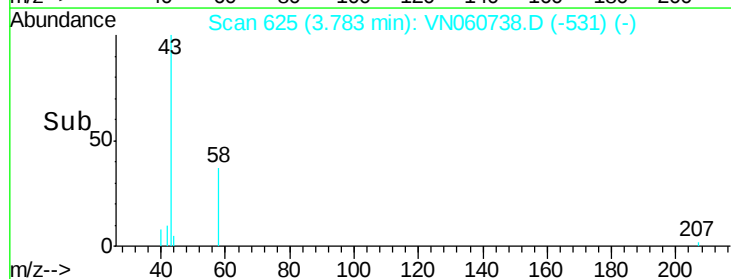
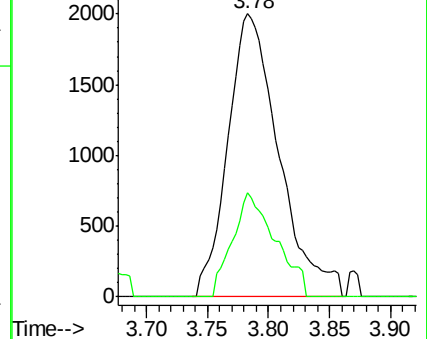
43 100

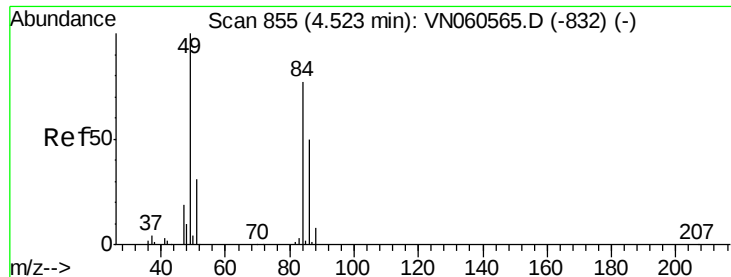
58 36.6 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

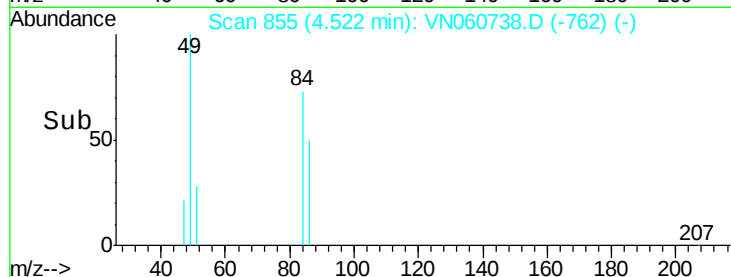
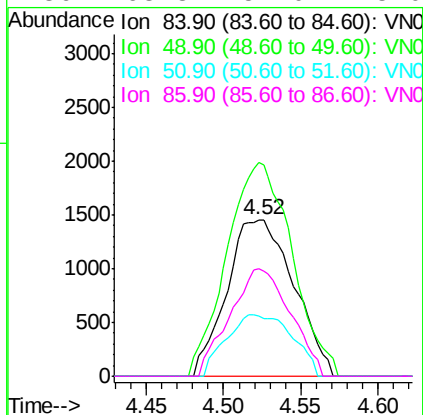
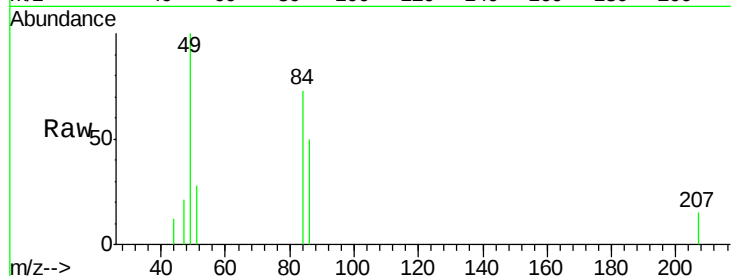




#20
Methylene Chloride
Concen: 1.913 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060738.D
Acq: 27 Mar 2020 13:45

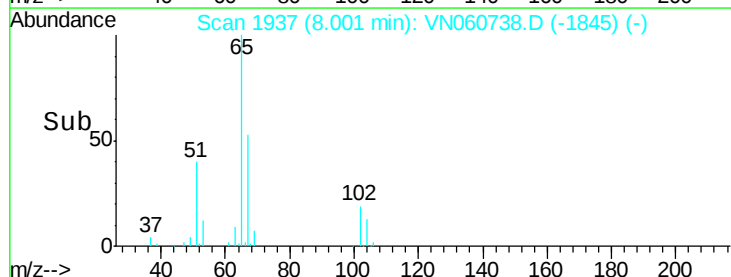
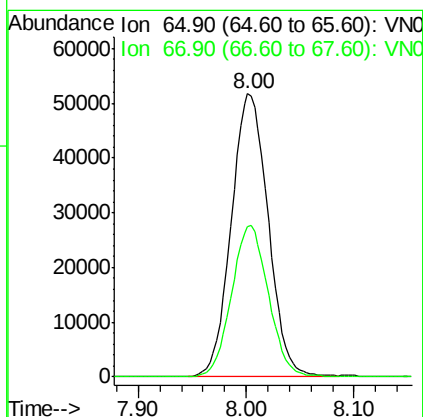
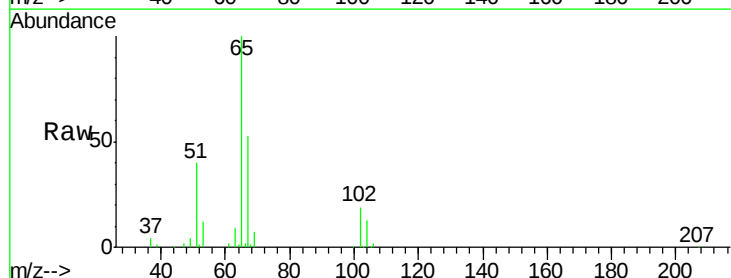
Instrument :
MSVOA_N
ClientSampleId :
PB127814ZHE#03

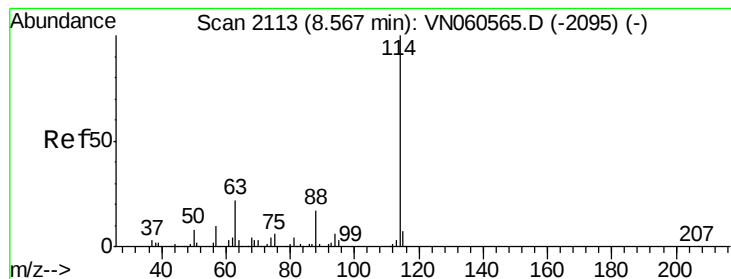
Tot Ion:	84	Resp:	4374
Ion	Ratio	Lower	Upper
84	100		
49	136.4	103.3	154.9
51	38.0	31.6	47.4
86	68.8	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 46.953 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060738.D
Acq: 27 Mar 2020 13:45

Tgt Ion:	65	Resp:	123175
Ion	Ratio	Lower	Upper
65	100		
67	53.4	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: VN060738.D

Acq: 27 Mar 2020 13:45

Instrument :

MSVOA_N

ClientSampleId :

PB127814ZHE#03

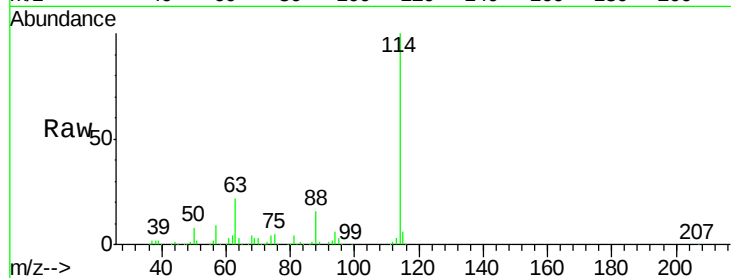
Tot Ion:114 Resp: 317966

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.8

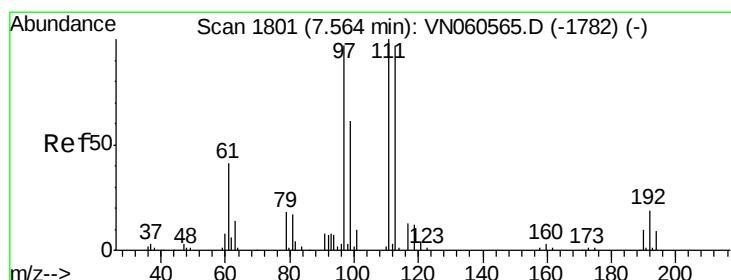
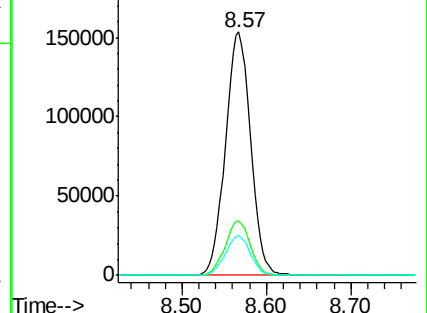
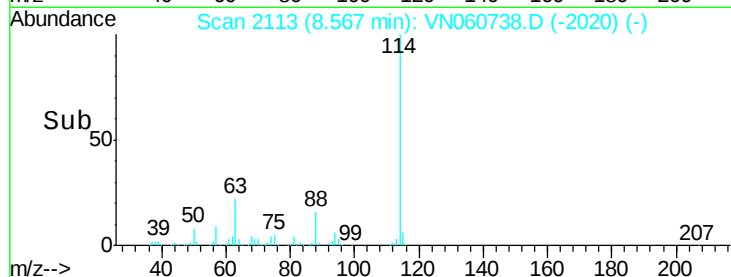
88 16.3 0.0 33.0



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: 48.772 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060738.D

Acq: 27 Mar 2020 13:45

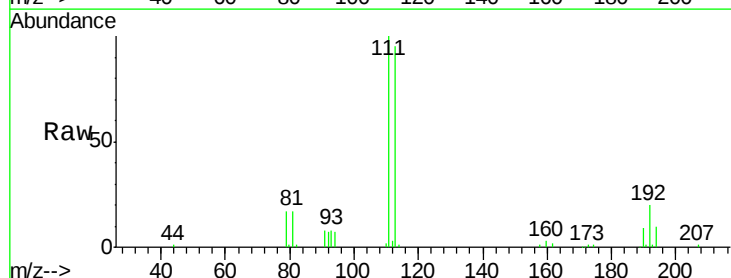
Tgt Ion:113 Resp: 93771

Ion Ratio Lower Upper

113 100

111 103.5 82.9 124.3

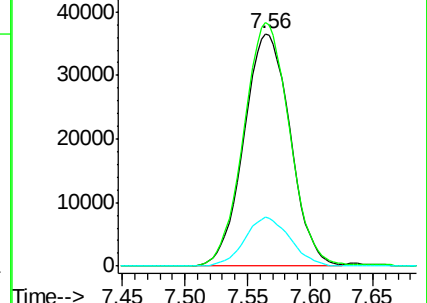
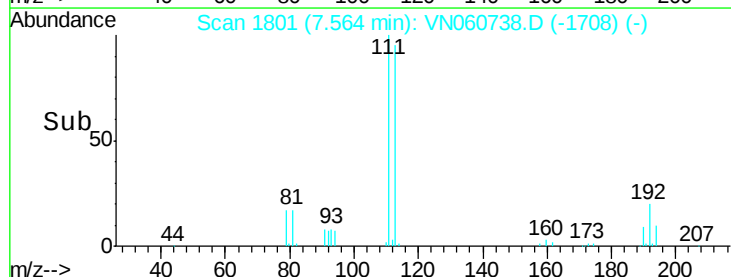
192 20.4 15.8 23.8

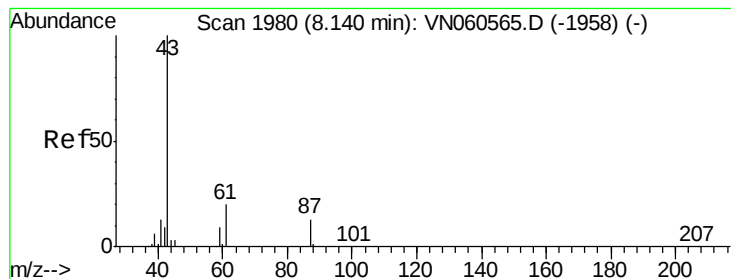


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.770 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060738.D

Acq: 27 Mar 2020 13:45

Instrument :

MSVOA_N

ClientSampleId :

PB127814ZHE#03

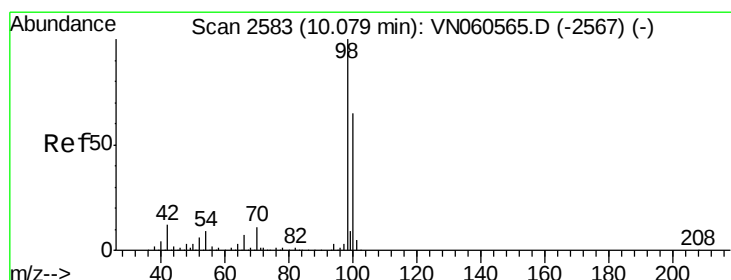
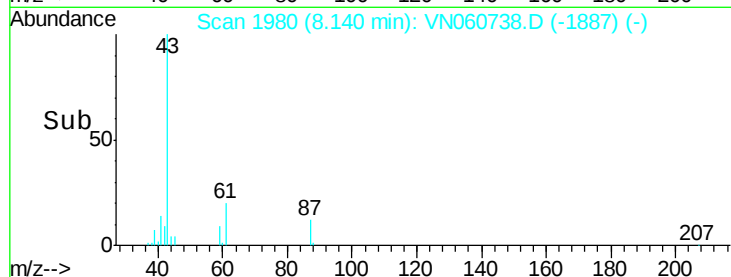
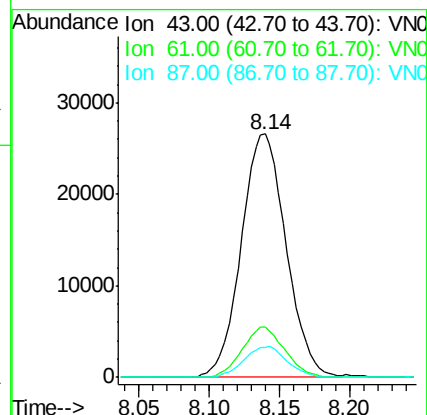
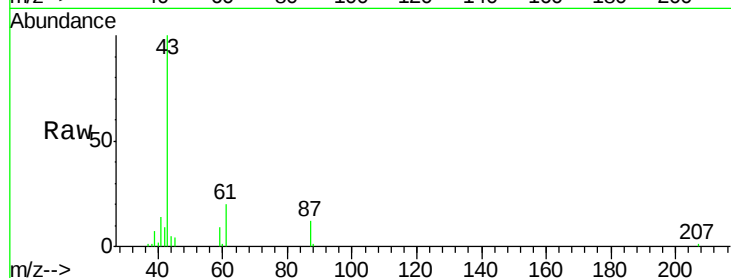
Tot Ion: 43 Resp: 59091

Ion Ratio Lower Upper

43 100

61 19.5 20.7 31.1#

87 12.0 9.8 14.8



#50

Toluene-d8

Concen: 49.817 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060738.D

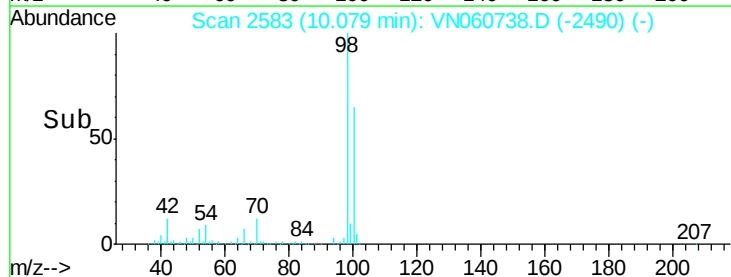
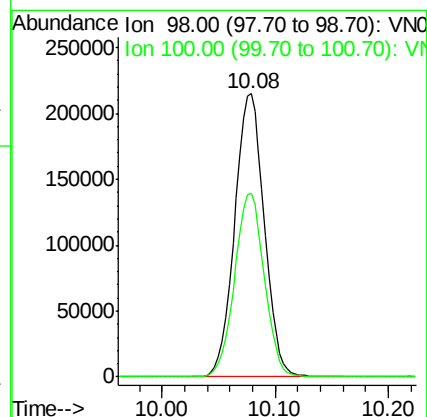
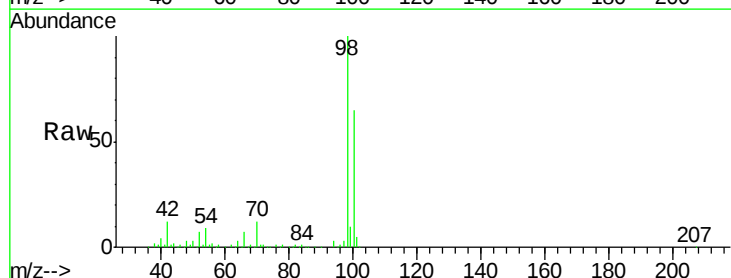
Acq: 27 Mar 2020 13:45

Tgt Ion: 98 Resp: 391222

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 51.185 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060738.D

Acq: 27 Mar 2020 13:45

Instrument :

MSVOA_N

ClientSampleId :

PB127814ZHE#03

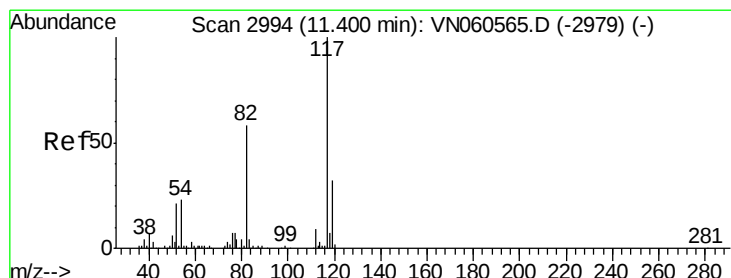
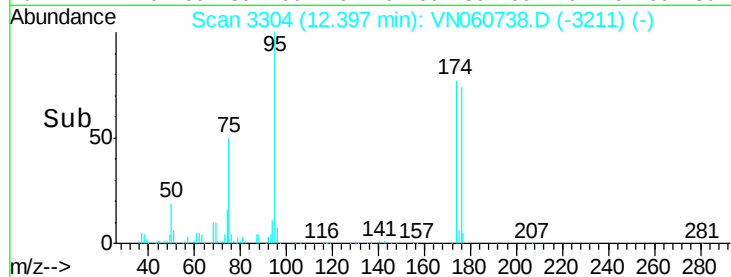
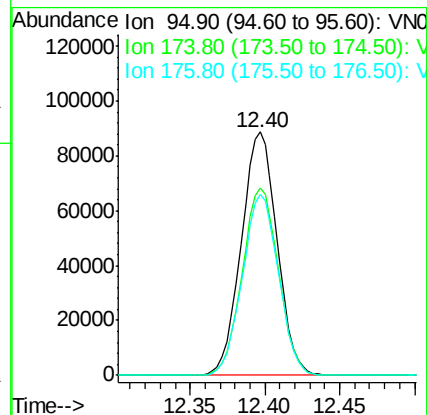
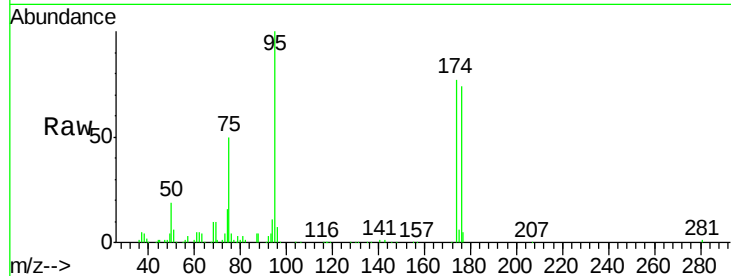
Tot Ion: 95 Resp: 147316

Ion Ratio Lower Upper

95 100

174 77.9 0.0 157.6

176 75.2 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: VN060738.D

Acq: 27 Mar 2020 13:45

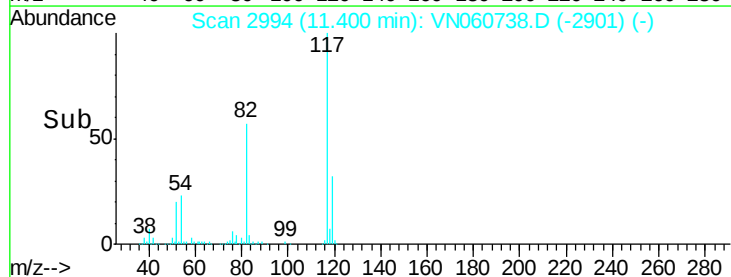
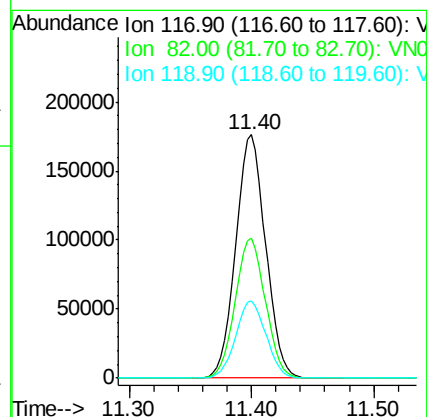
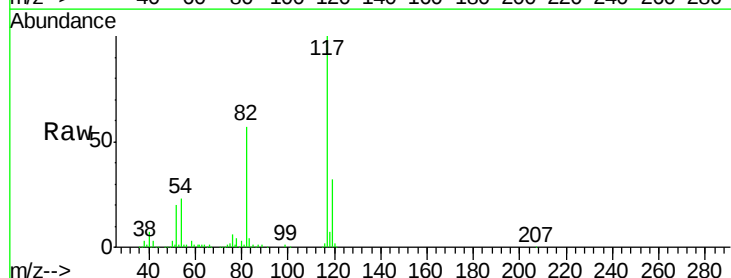
Tgt Ion: 117 Resp: 299755

Ion Ratio Lower Upper

117 100

82 57.3 46.7 70.1

119 31.7 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: VN060738.D

Acq: 27 Mar 2020 13:45

Instrument :

MSVOA_N

ClientSampleId :

PB127814ZHE#03

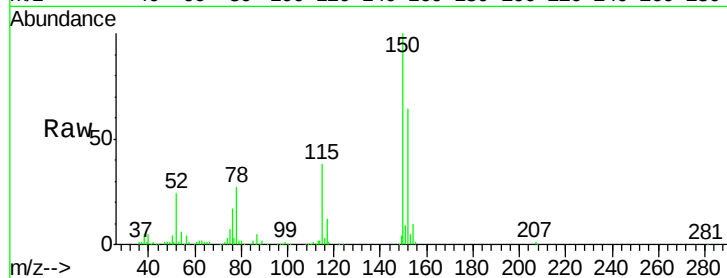
Tot Ion:152 Resp: 136745

Ion Ratio Lower Upper

152 100

115 59.5 30.2 90.6

150 156.3 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

