

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031620\
 Data File : VN060533.D
 Acq On : 16 Mar 2020 19:00
 Operator : JC/MD
 Sample : PB127541ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127541ZHE#06

Quant Time: Mar 17 09:29:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

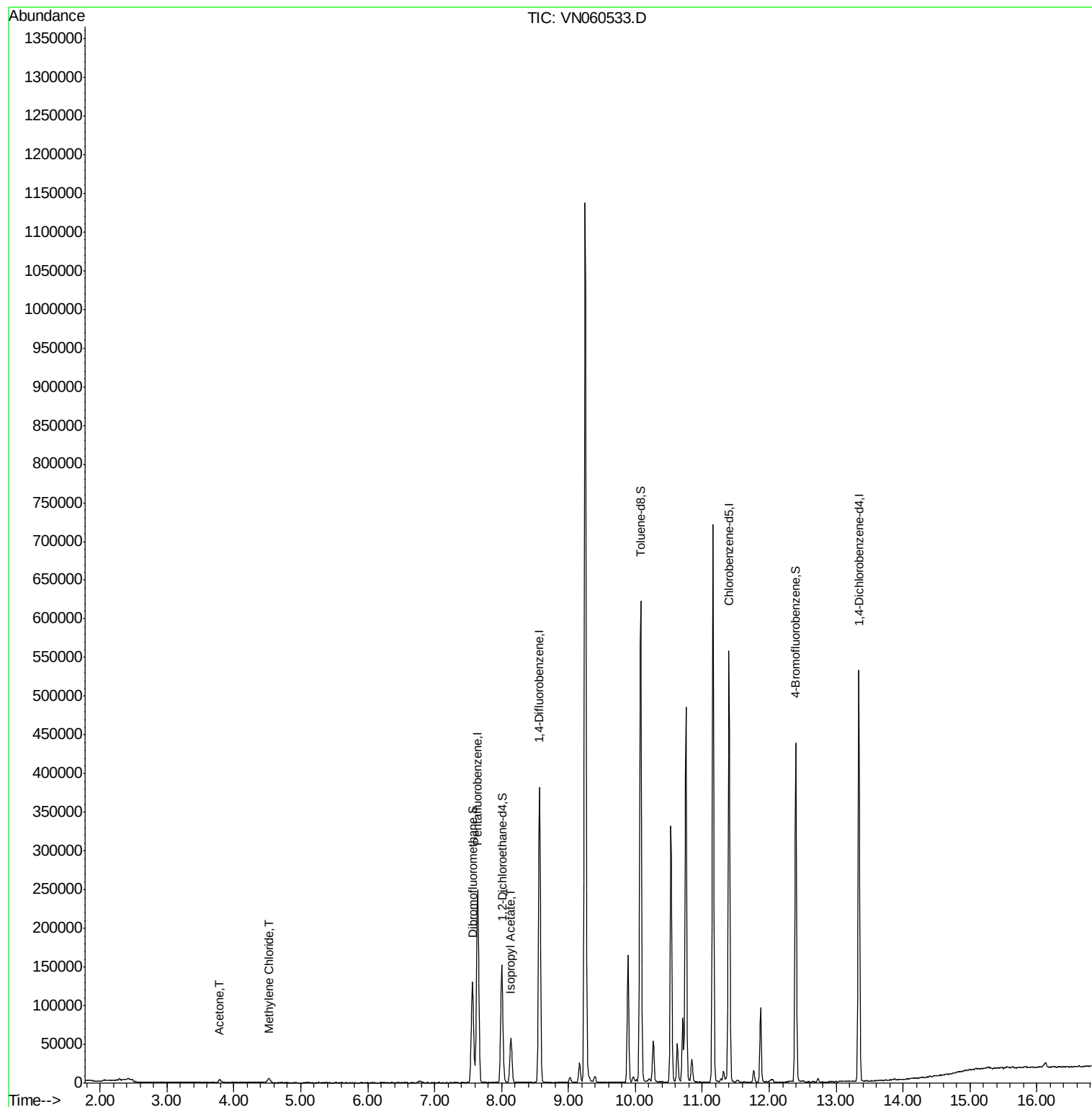
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	206201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	337610	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	313671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140248	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	132010	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
35) Dibromofluoromethane	7.57	113	100482	64.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.24%	
50) Toluene-d8	10.08	98	420405	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
62) 4-Bromofluorobenzene	12.40	95	153113	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
Target Compounds						
16) Acetone	3.79	43	6974	8.163	ug/l	95
20) Methylene Chloride	4.52	84	4103	1.749	ug/l	95
43) Isopropyl Acetate	8.14	43	70442	13.207	ug/l #	90

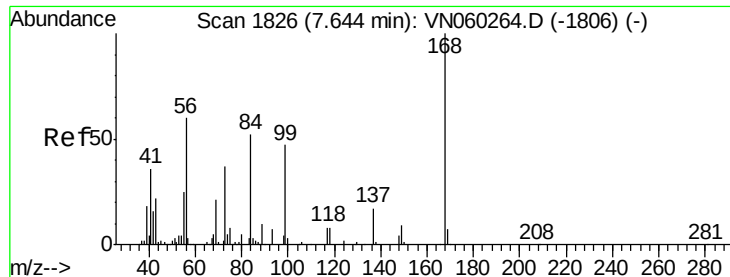
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060533.D

Acq: 16 Mar 2020 19:00

Instrument :

MSVOA_N

ClientSampleId :

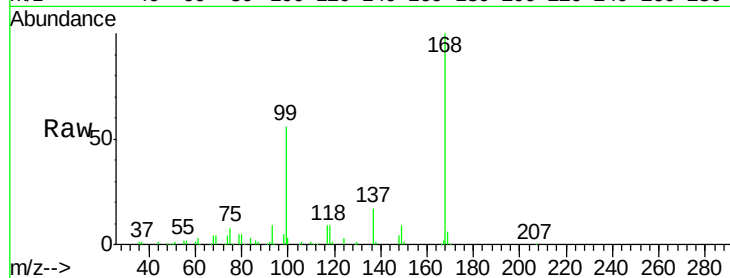
PB127541ZHE#06

Tot Ion:168 Resp: 206201

Ion Ratio Lower Upper

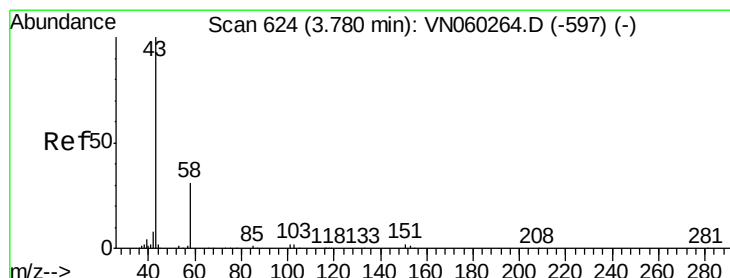
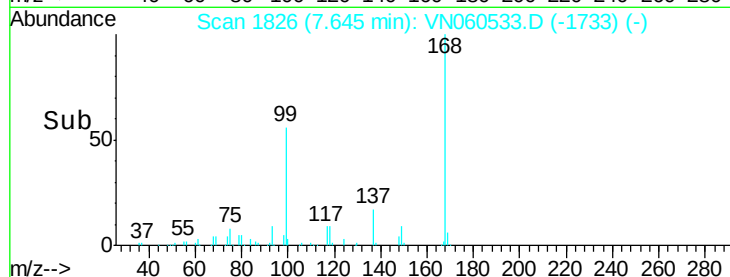
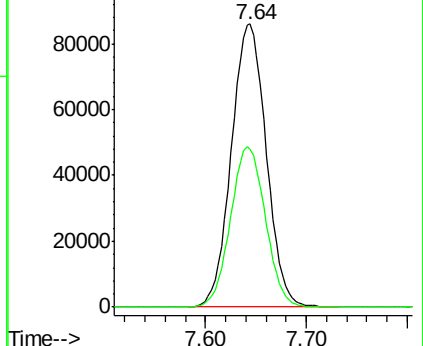
168 100

99 55.9 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 8.163 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060533.D

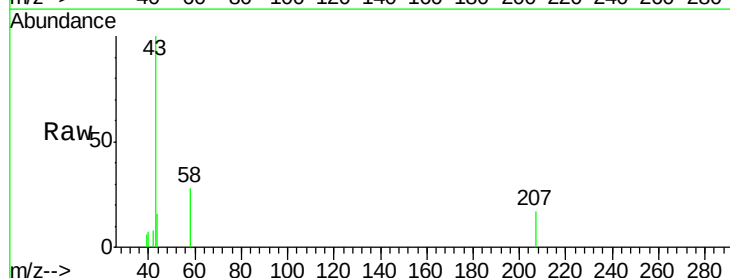
Acq: 16 Mar 2020 19:00

Tgt Ion: 43 Resp: 6974

Ion Ratio Lower Upper

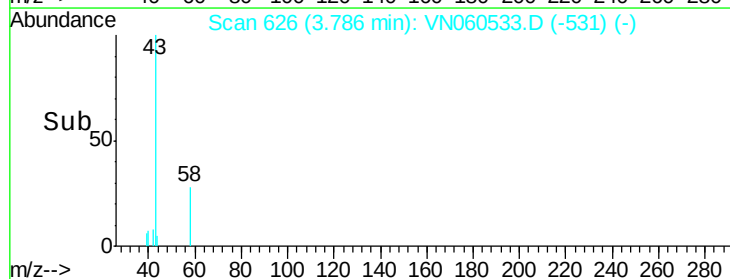
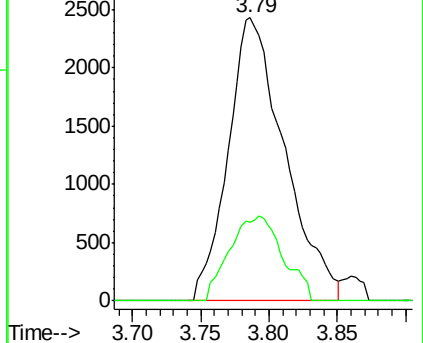
43 100

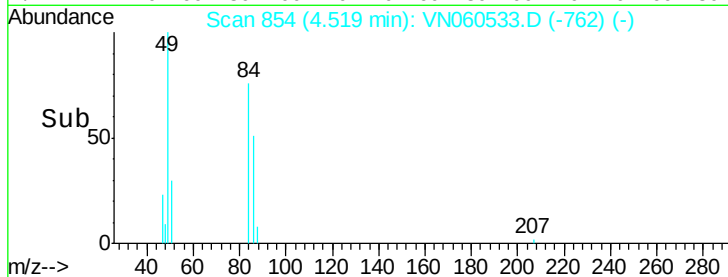
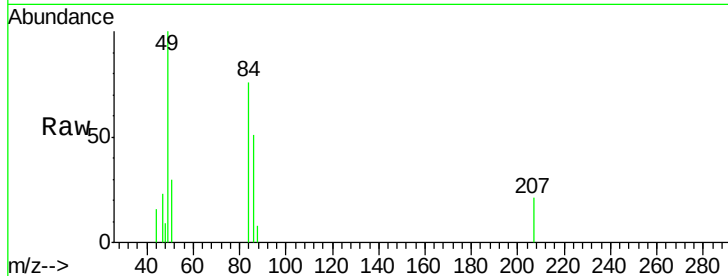
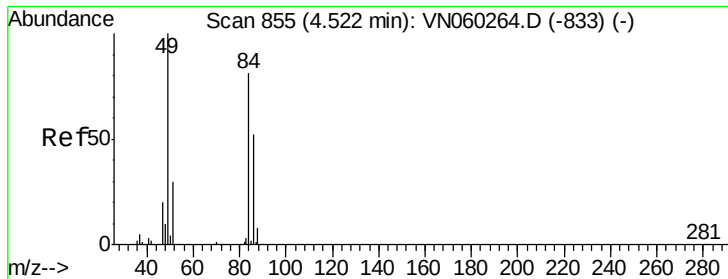
58 27.9 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

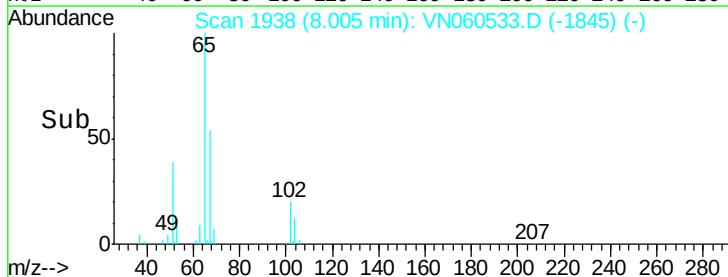
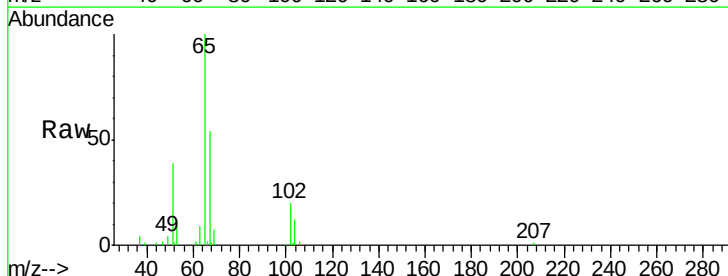
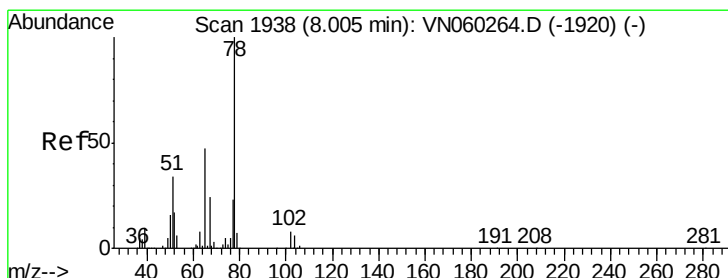
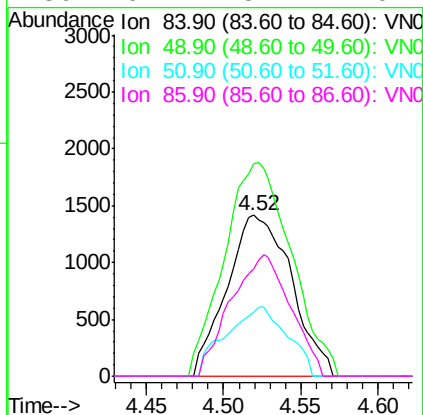




#20
Methylene Chloride
Concen: 1.749 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060533.D
Acq: 16 Mar 2020 19:00

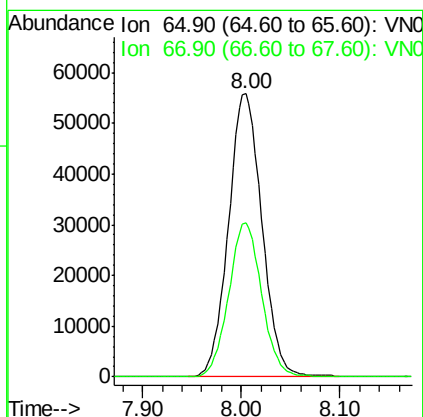
Instrument :
MSVOA_N
ClientSampleId :
PB127541ZHE#06

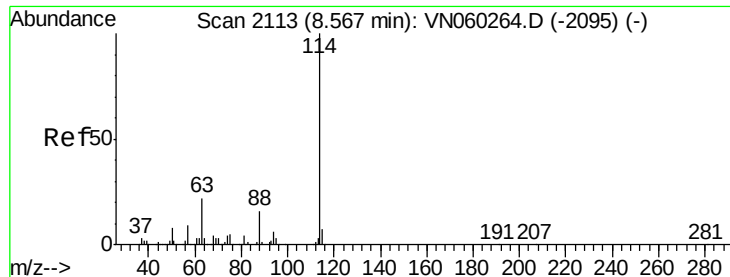
Tot Ion:	84	Resp:	4103
Ion	Ratio	Lower	Upper
84	100		
49	131.7	99.3	148.9
51	39.5	30.1	45.1
86	67.1	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 49.898 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060533.D
Acq: 16 Mar 2020 19:00

Tgt Ion:	65	Resp:	132010
Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	103.8

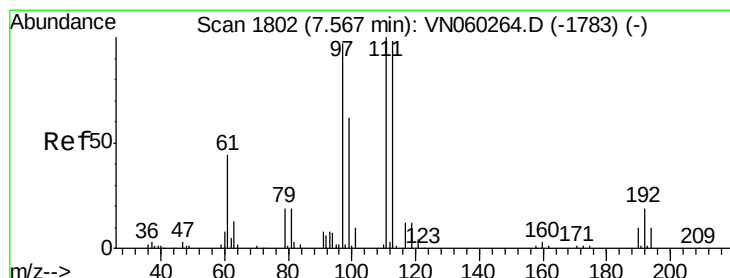
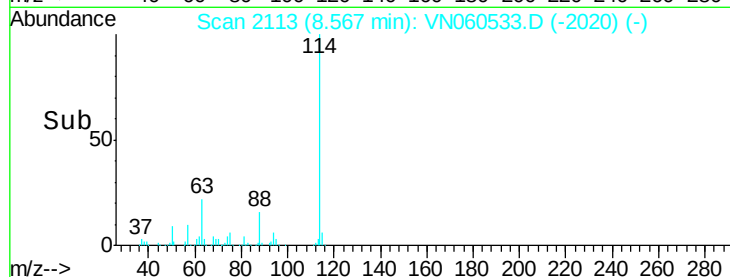
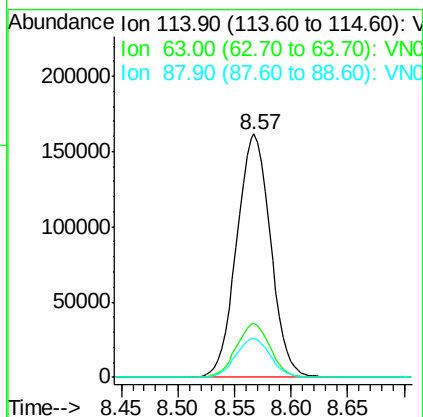
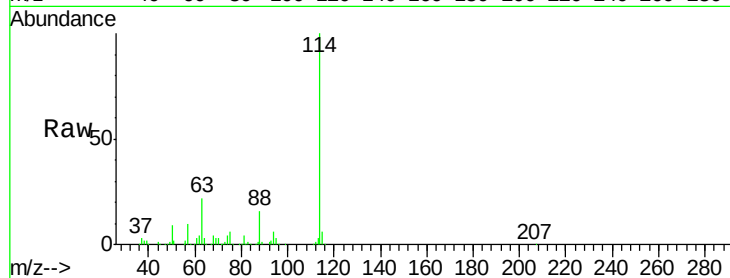




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN060533.D
Acq: 16 Mar 2020 19:00

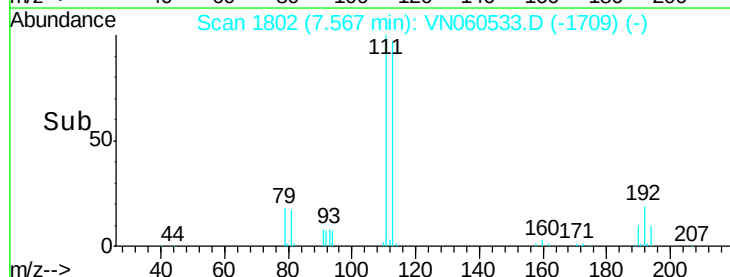
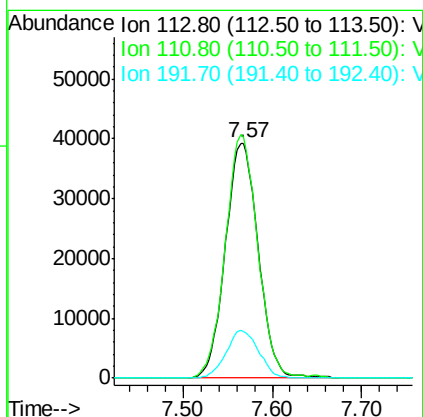
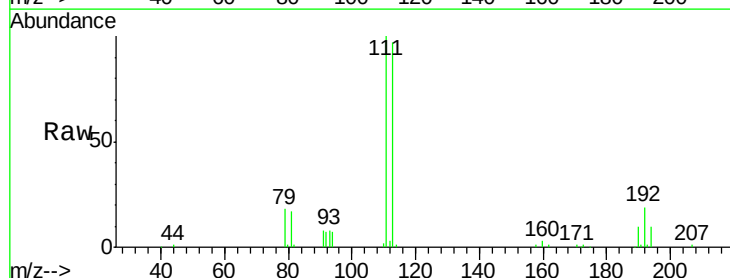
Instrument :
MSVOA_N
ClientSampleId :
PB127541ZHE#06

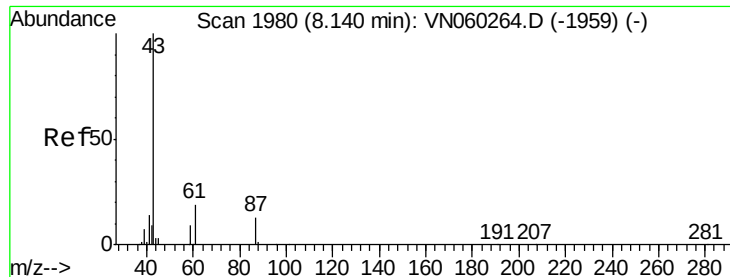
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.2
88	16.0	0.0	31.6



#35
Dibromofluoromethane
Concen: 64.121 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN060533.D
Acq: 16 Mar 2020 19:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.4	123.6
192	20.0	16.2	24.2





#43

Isopropyl Acetate

Concen: 13.207 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060533.D

Acq: 16 Mar 2020 19:00

Instrument :

MSVOA_N

ClientSampleId :

PB127541ZHE#06

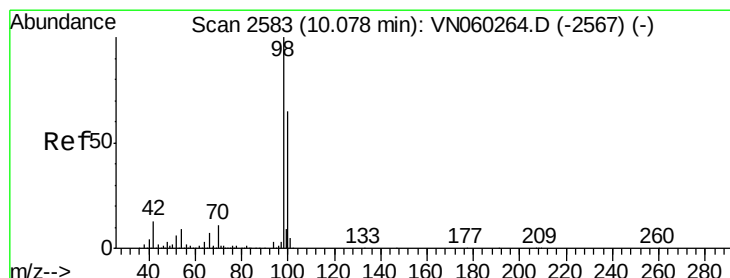
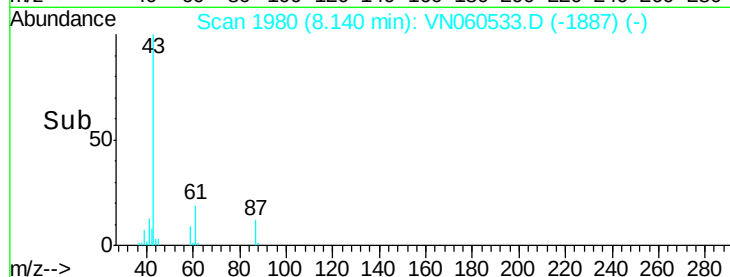
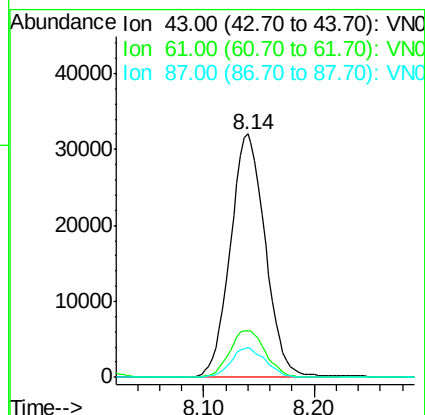
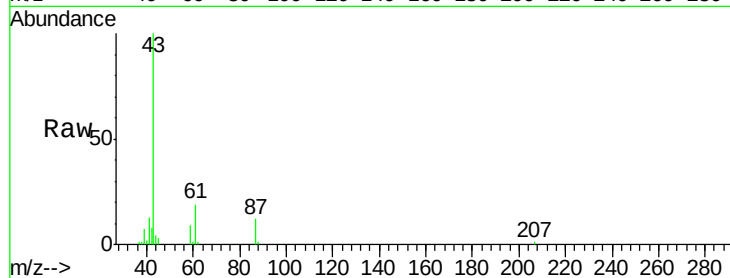
Tot Ion: 43 Resp: 70442

Ion Ratio Lower Upper

43 100

61 19.6 20.9 31.3#

87 11.9 10.6 16.0



#50

Toluene-d8

Concen: 53.007 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060533.D

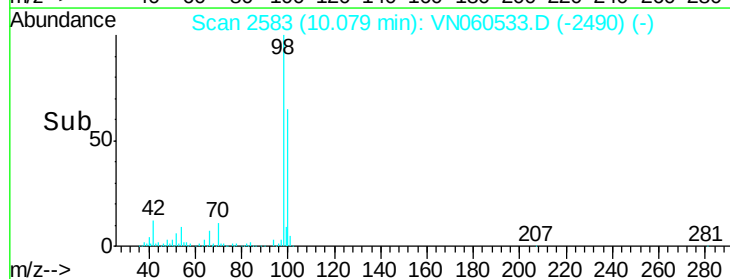
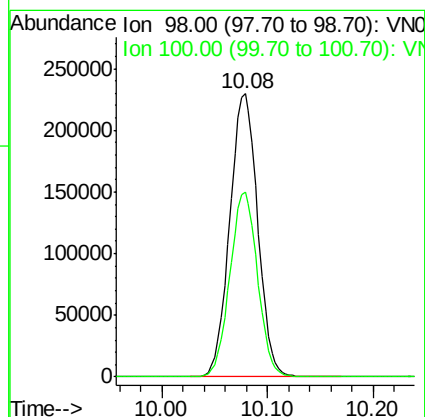
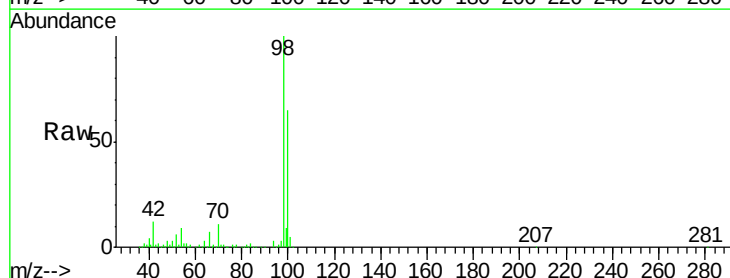
Acq: 16 Mar 2020 19:00

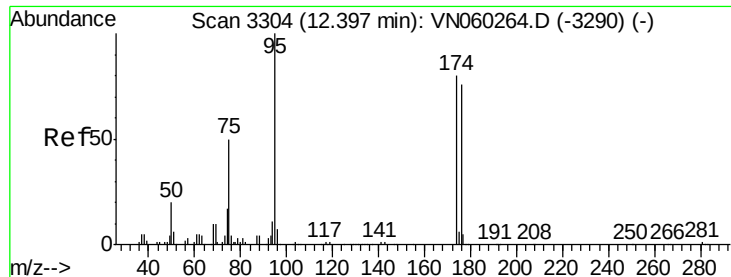
Tgt Ion: 98 Resp: 420405

Ion Ratio Lower Upper

98 100

100 64.5 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 50.927 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060533.D

Acq: 16 Mar 2020 19:00

Instrument :

MSVOA_N

ClientSampleId :

PB127541ZHE#06

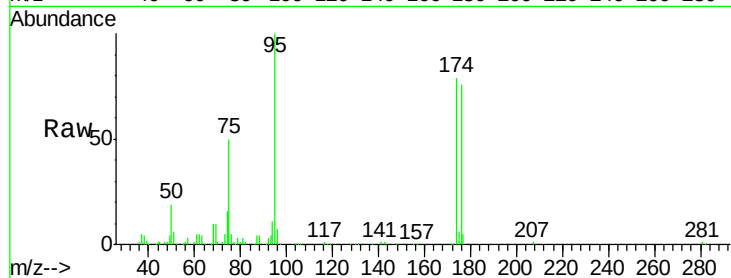
Tot Ion: 95 Resp: 153113

Ion Ratio Lower Upper

95 100

174 78.3 0.0 159.2

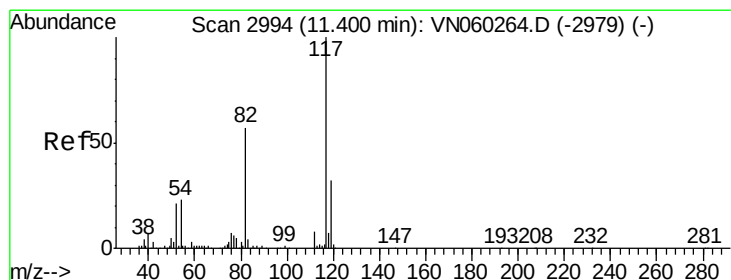
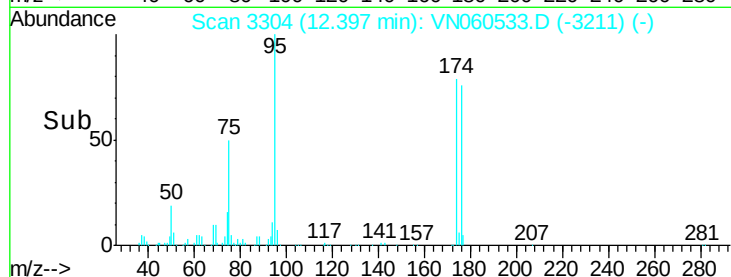
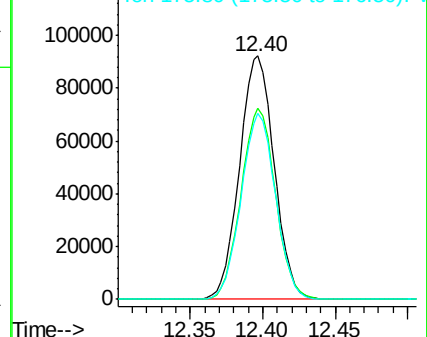
176 75.9 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN060533.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060533.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060533.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060533.D

Acq: 16 Mar 2020 19:00

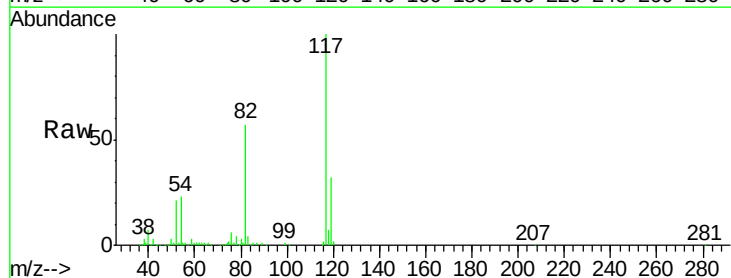
Tgt Ion: 117 Resp: 313671

Ion Ratio Lower Upper

117 100

82 57.4 45.8 68.6

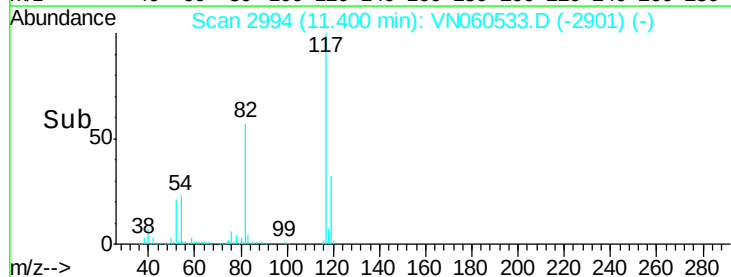
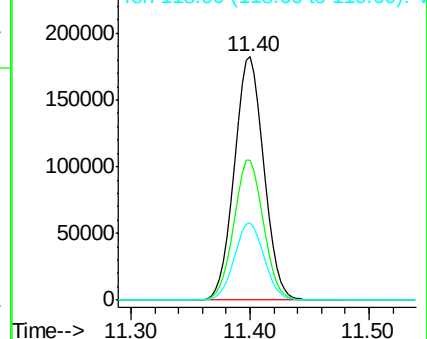
119 31.8 25.8 38.8

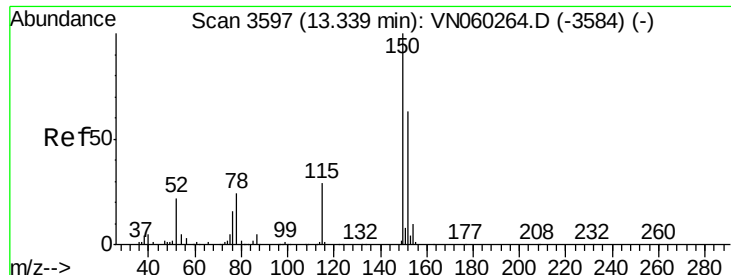


Abundance Ion 116.90 (116.60 to 117.60): VN060533.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060533.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060533.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: VN060533.D

Acq: 16 Mar 2020 19:00

Instrument :

MSVOA_N

ClientSampleId :

PB127541ZHE#06

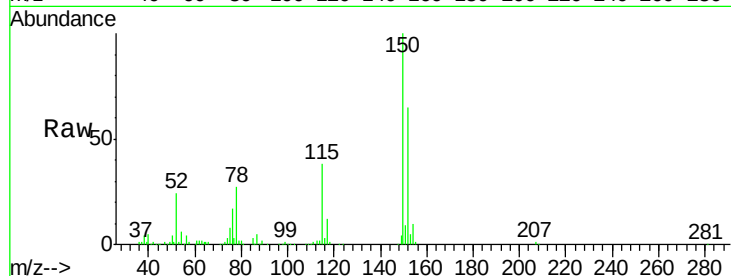
Tot Ion:152 Resp: 140248

Ion Ratio Lower Upper

152 100

115 60.0 30.0 90.0

150 155.8 0.0 349.6



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

