

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030320\
 Data File : VN060327.D
 Acq On : 3 Mar 2020 14:19
 Operator : JC/MD
 Sample : PB127227ZHE#13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127227ZHE#13

Quant Time: Mar 04 02:25:04 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

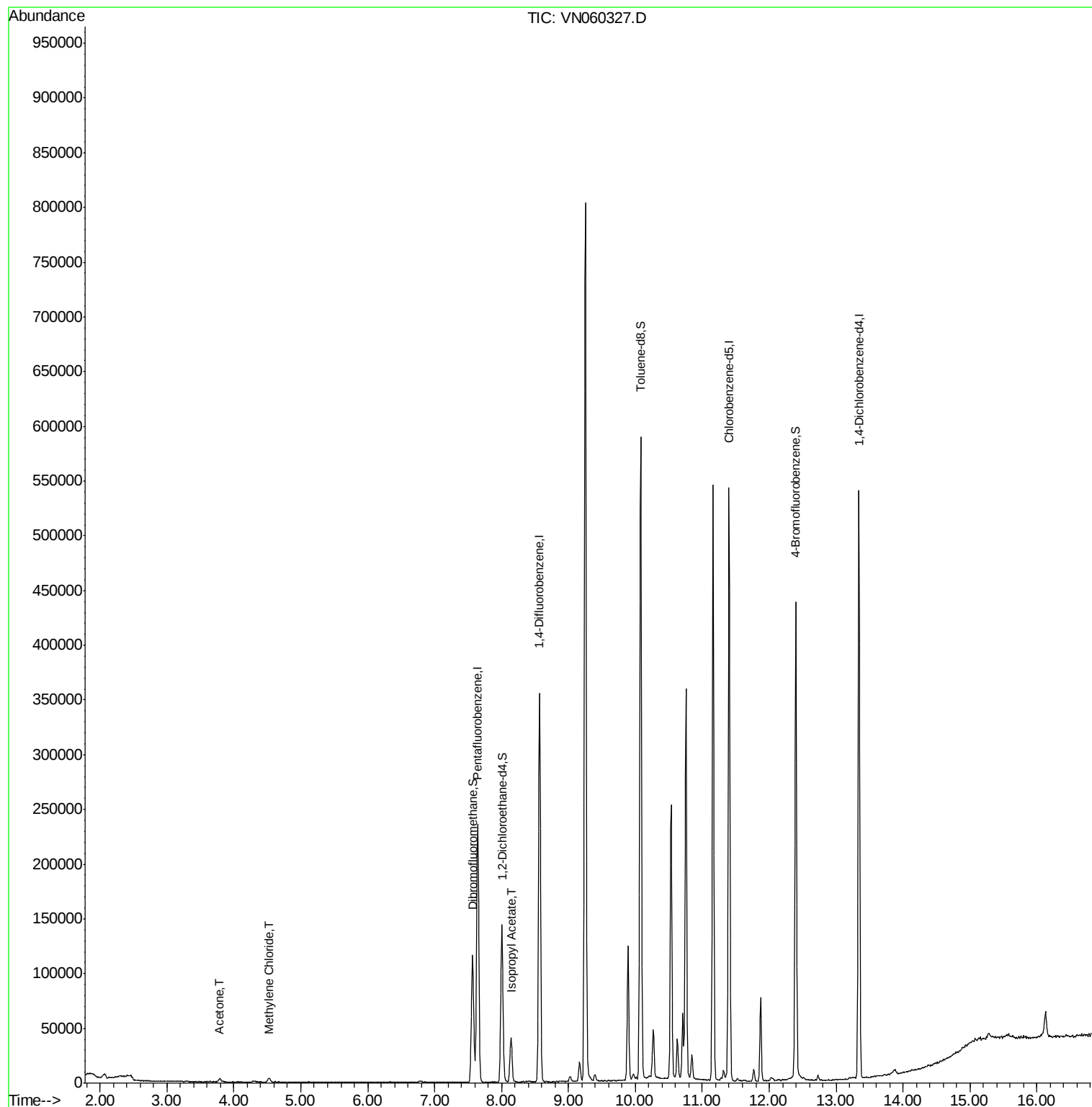
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	194948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	313280	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	302253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	142269	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	124157	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
35) Dibromofluoromethane	7.57	113	88207	60.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.32%	
50) Toluene-d8	10.08	98	393324	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
62) 4-Bromofluorobenzene	12.40	95	147816	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	
Target Compounds						
16) Acetone	3.78	43	5489	6.796	ug/l	99
20) Methylene Chloride	4.53	84	2814	1.269	ug/l	95
43) Isopropyl Acetate	8.14	43	49189	9.939	ug/l #	90

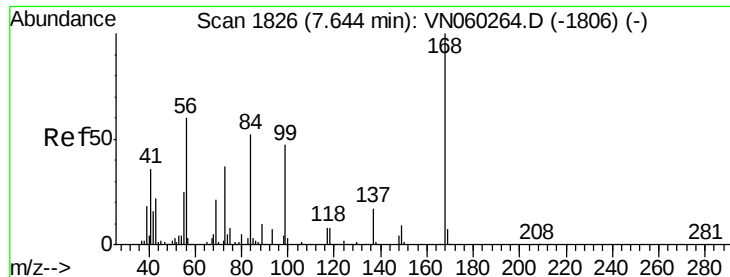
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN030320\
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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: VN060327.D

Acq: 3 Mar 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

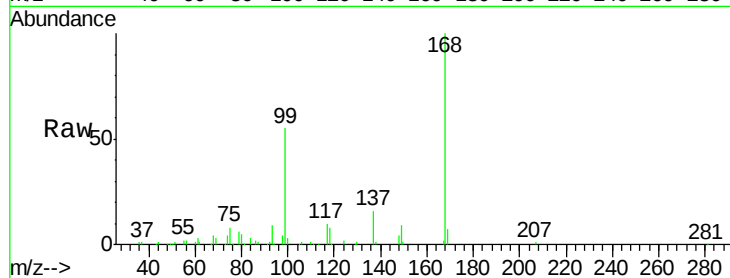
PB127227ZHE#13

Tot Ion:168 Resp: 194948

Ion Ratio Lower Upper

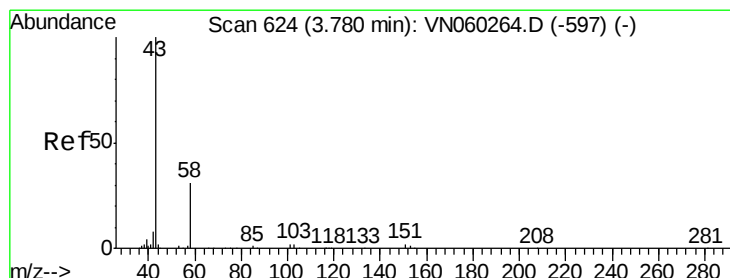
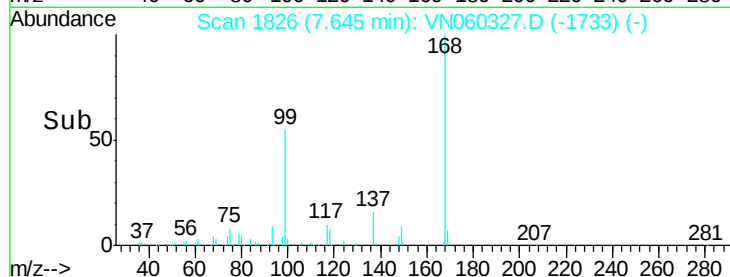
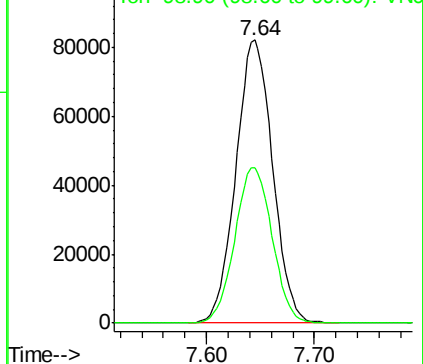
168 100

99 55.0 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 6.796 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060327.D

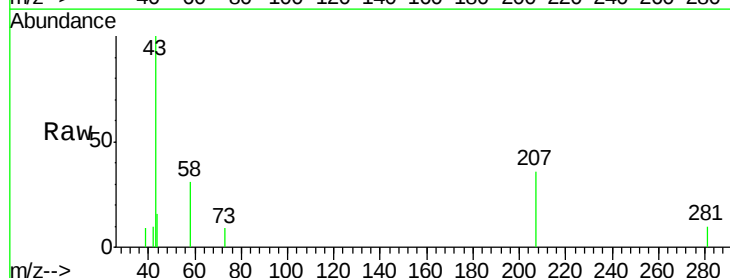
Acq: 3 Mar 2020 14:19

Tgt Ion: 43 Resp: 5489

Ion Ratio Lower Upper

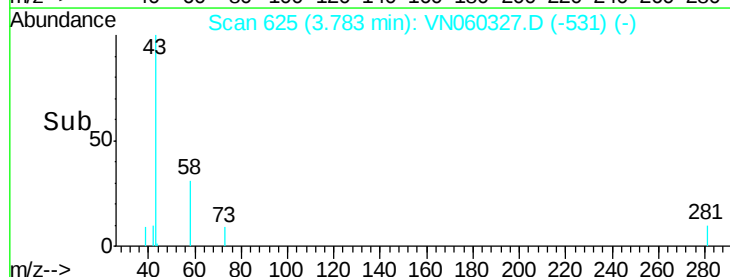
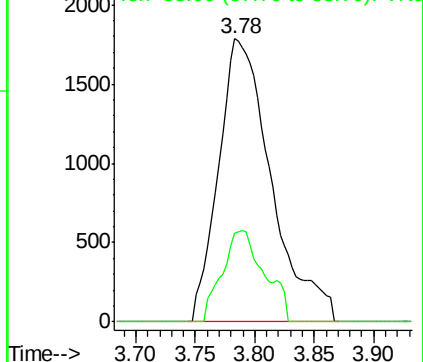
43 100

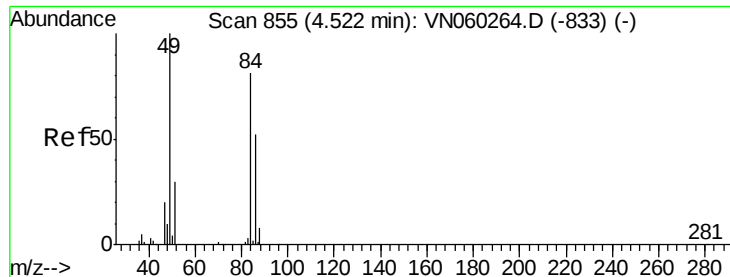
58 31.2 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

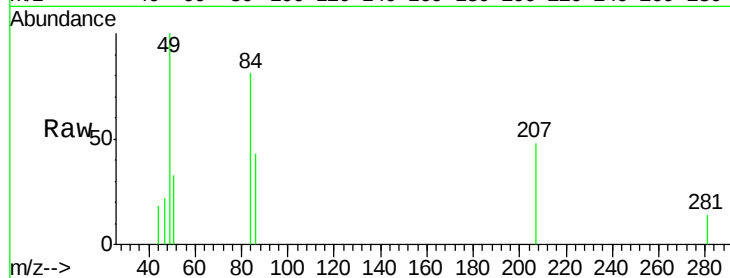




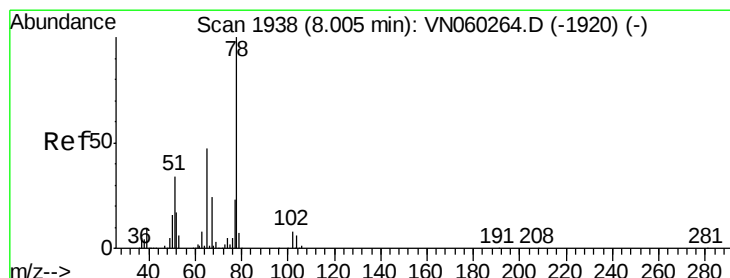
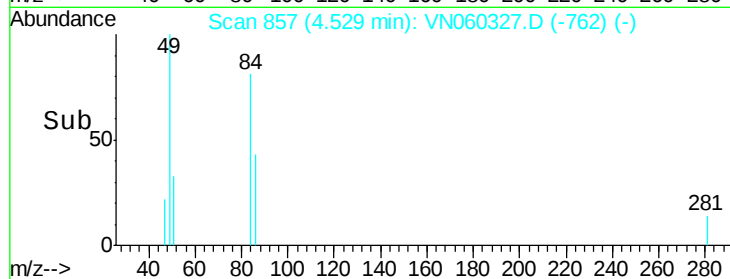
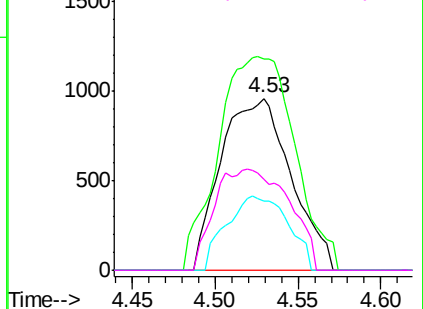
#20
Methvlene Chloride
Concen: 1.269 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN060327.D
Acq: 3 Mar 2020 14:19

Instrument :
MSVOA_N
ClientSampleId :
PB127227ZHE#13

Tot Ion:	84	Resp:	2814
Ion	Ratio	Lower	Upper
84	100		
49	123.0	99.3	148.9
51	40.5	30.1	45.1
86	52.6	51.1	76.7

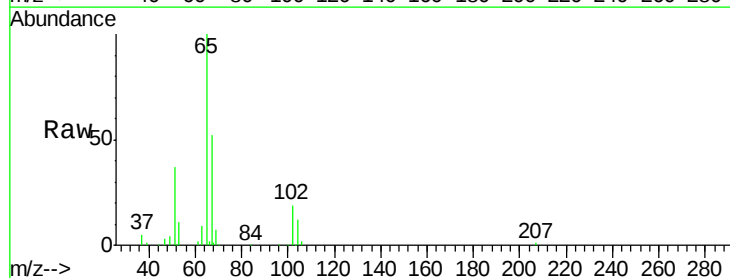


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

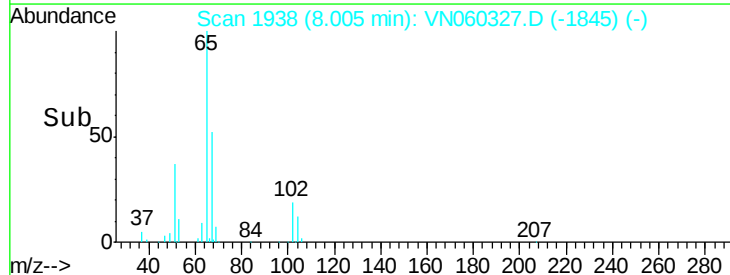
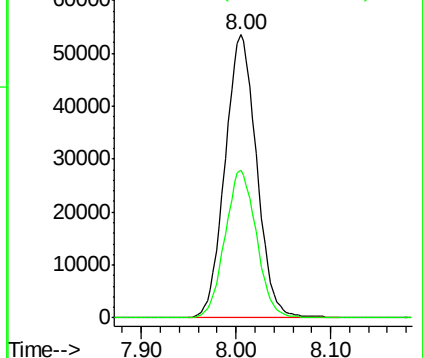


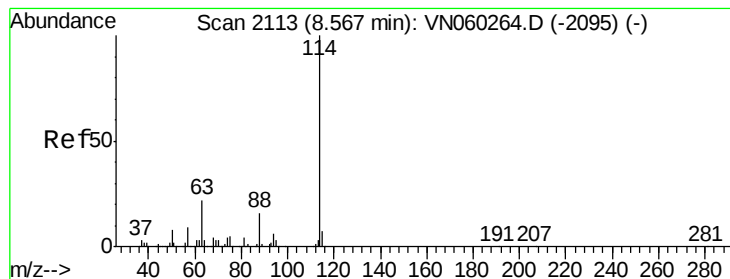
#33
1,2-Dichloroethane-d4
Concen: 49.639 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060327.D
Acq: 3 Mar 2020 14:19

Tgt Ion:	65	Resp:	124157
Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.8



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060327.D

Acq: 3 Mar 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

PB127227ZHE#13

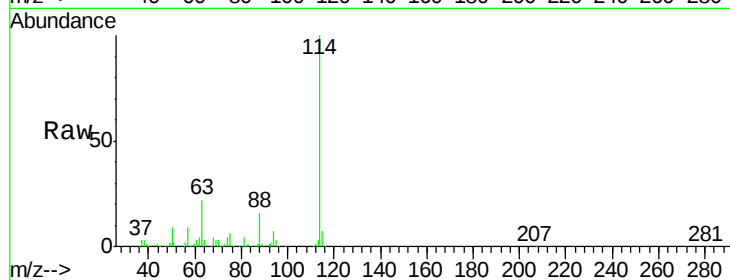
Tot Ion:114 Resp: 313280

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.2

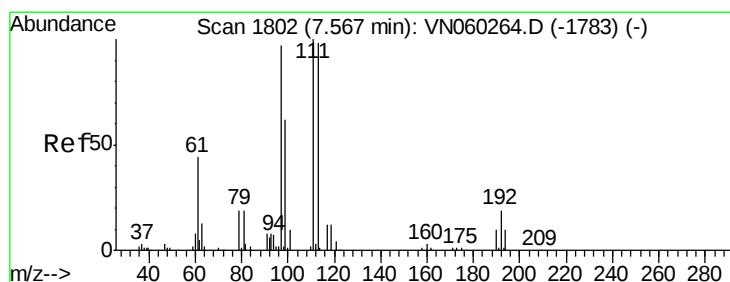
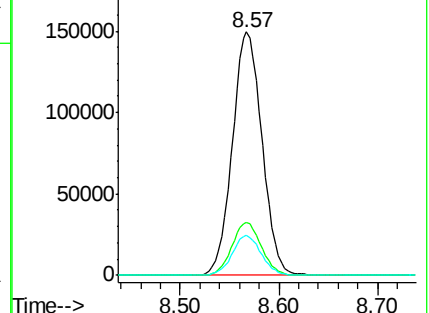
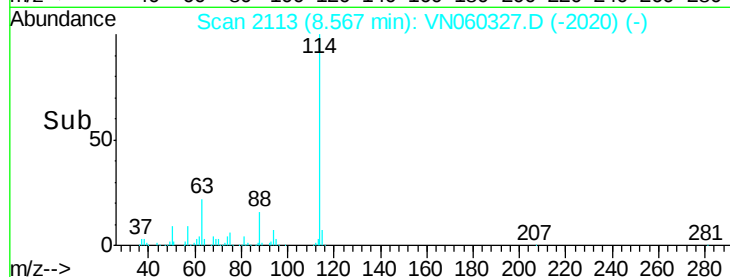
88 16.3 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 60.659 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060327.D

Acq: 3 Mar 2020 14:19

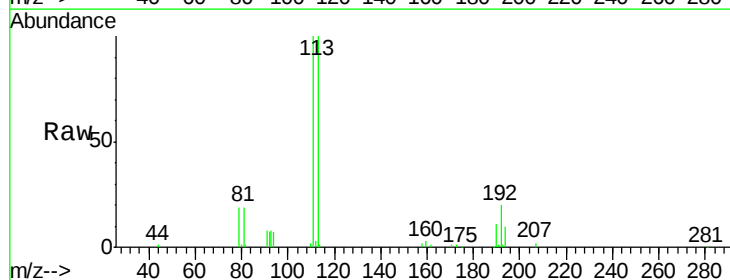
Tgt Ion:113 Resp: 88207

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

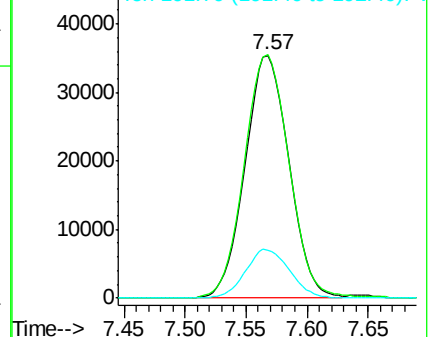
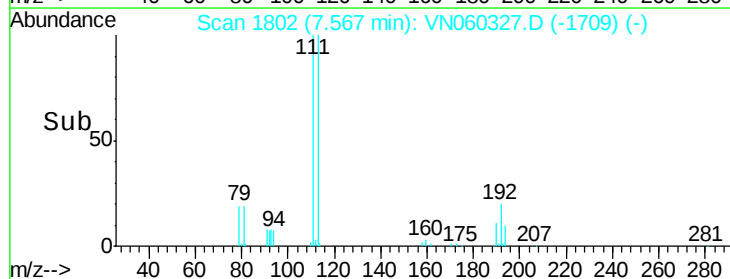
192 20.0 16.2 24.2



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: 9.939 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060327.D

Acq: 3 Mar 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

PB127227ZHE#13

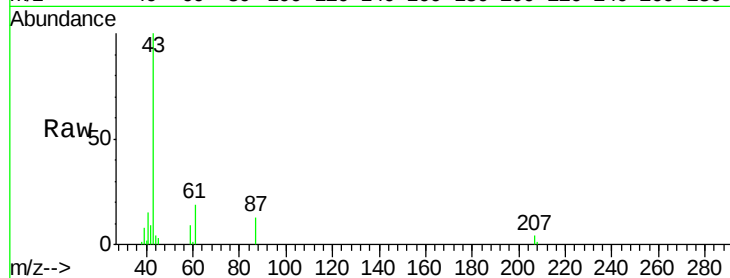
Tot Ion: 43 Resp: 49189

Ion Ratio Lower Upper

43 100

61 18.7 20.9 31.3#

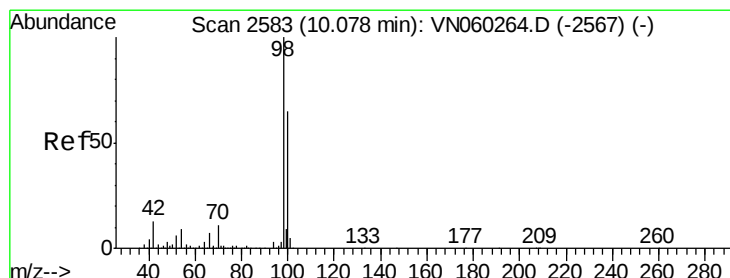
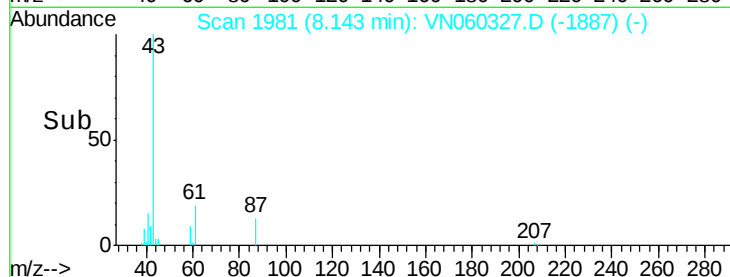
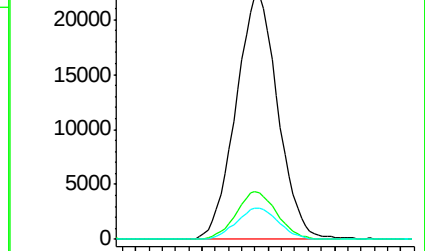
87 12.6 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060327.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060327.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060327.D (-1887) (-)



#50

Toluene-d8

Concen: 53.444 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060327.D

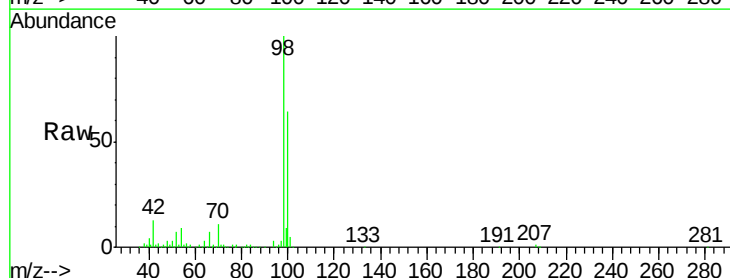
Acq: 3 Mar 2020 14:19

Tgt Ion: 98 Resp: 393324

Ion Ratio Lower Upper

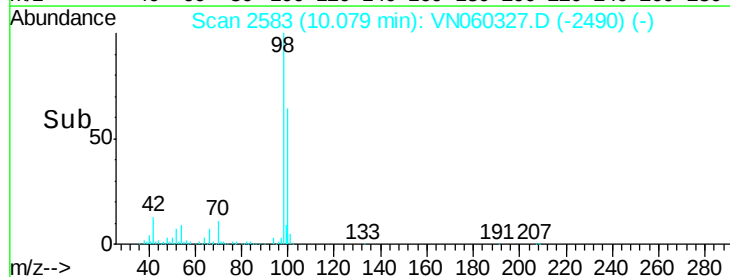
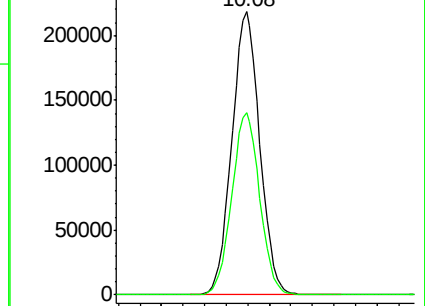
98 100

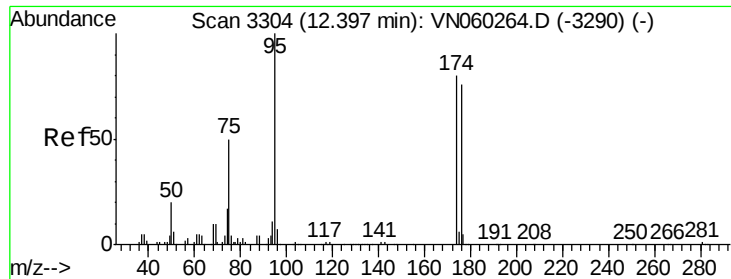
100 64.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060327.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060327.D (-2490) (-)





#62

4-Bromofluorobenzene

Concen: 52.984 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060327.D

Acq: 3 Mar 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

PB127227ZHE#13

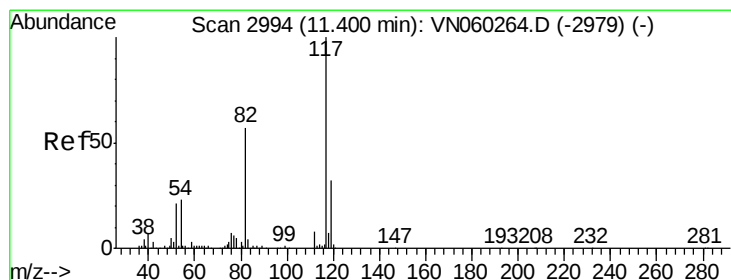
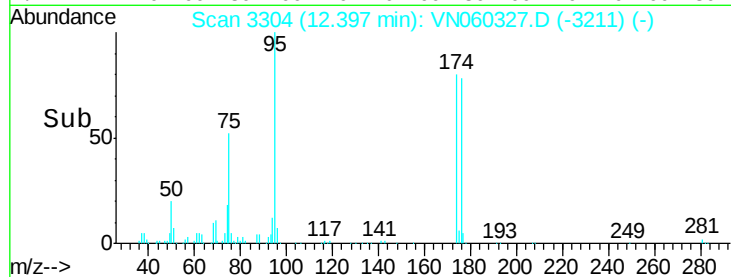
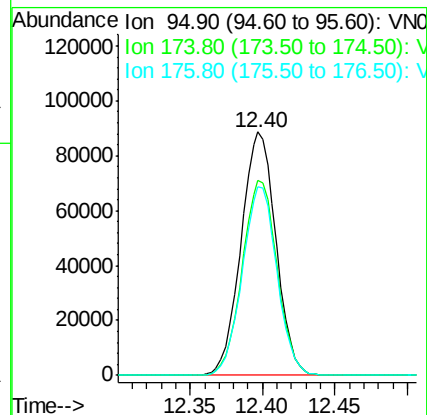
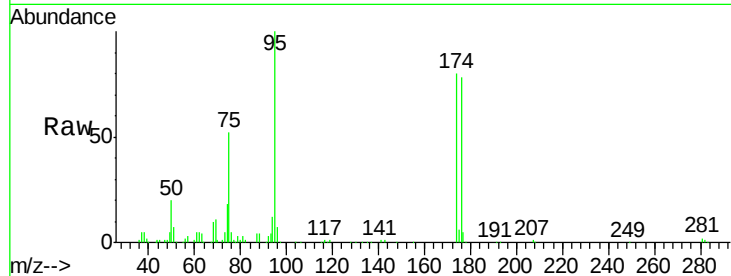
Tot Ion: 95 Resp: 147816

Ion Ratio Lower Upper

95 100

174 80.4 0.0 159.2

176 77.1 0.0 153.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060327.D

Acq: 3 Mar 2020 14:19

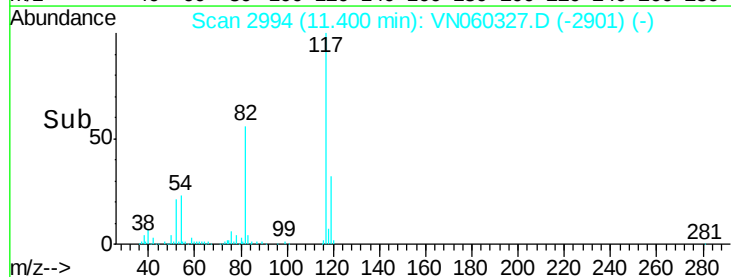
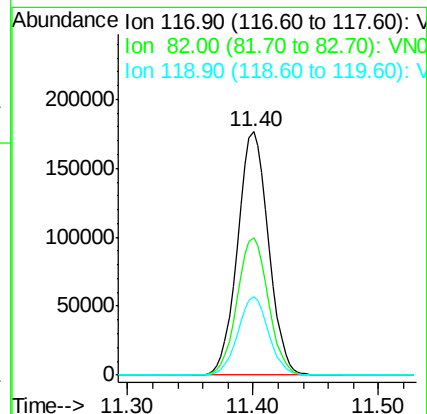
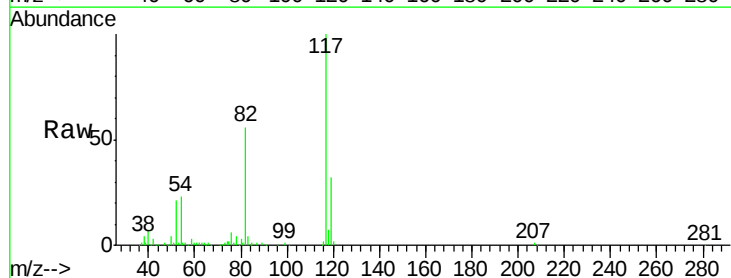
Tgt Ion: 117 Resp: 302253

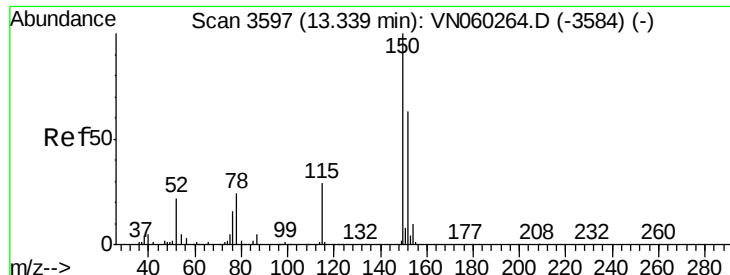
Ion Ratio Lower Upper

117 100

82 56.3 45.8 68.6

119 32.2 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060327.D

Acq: 3 Mar 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

PB127227ZHE#13

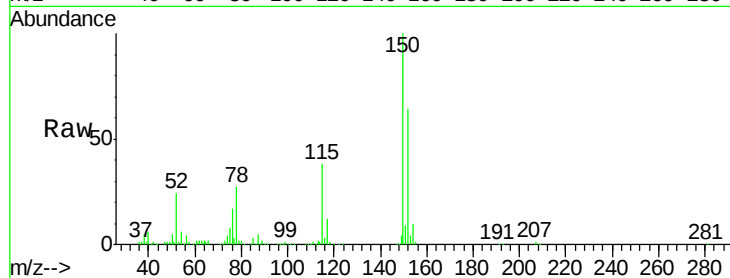
Tot Ion:152 Resp: 142269

Ion Ratio Lower Upper

152 100

115 59.1 30.0 90.0

150 156.9 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

