

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030420\
 Data File : VN060346.D
 Acq On : 4 Mar 2020 14:18
 Operator : JC/MD
 Sample : PB127249ZHE#15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127249ZHE#15

Quant Time: Mar 05 06:33:12 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

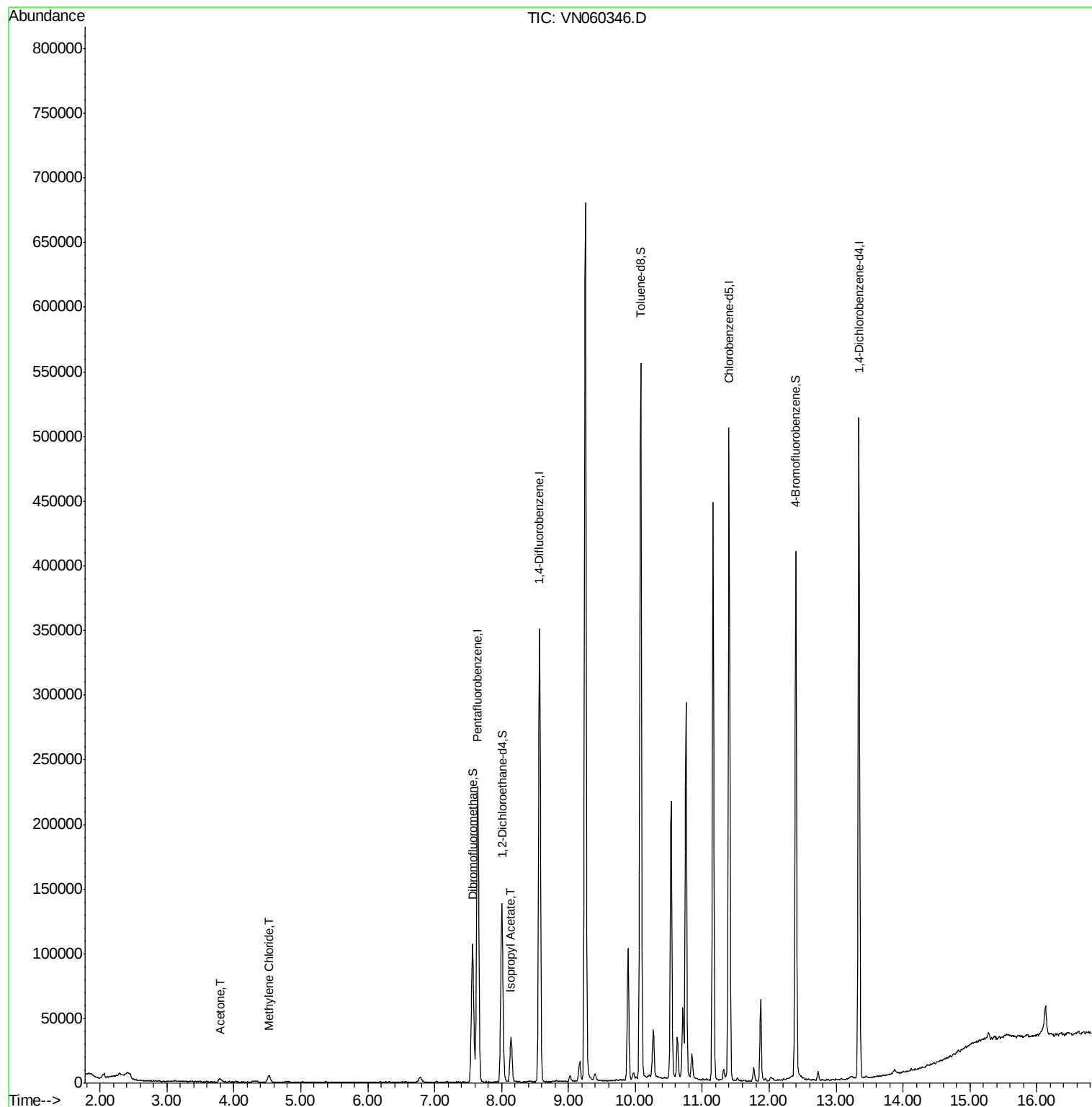
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	186750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	303585	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	282599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	132958	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	119637	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
35) Dibromofluoromethane	7.57	113	80955	57.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.90%	
50) Toluene-d8	10.08	98	374484	52.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.02%	
62) 4-Bromofluorobenzene	12.40	95	138766	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
Target Compounds						
16) Acetone	3.79	43	5025	6.494	ug/l	91
20) Methylene Chloride	4.53	84	4244	1.997	ug/l	98
43) Isopropyl Acetate	8.14	43	42152	8.789	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: VN060346.D

Acq: 4 Mar 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

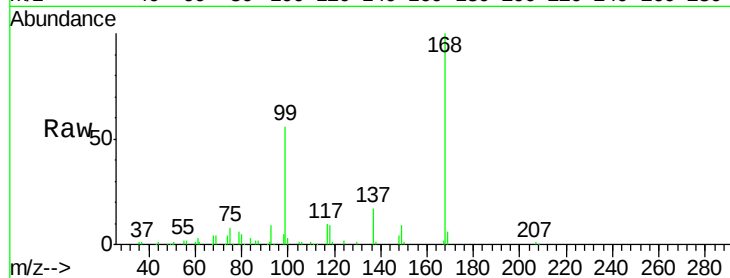
PB127249ZHE#15

Tot Ion:168 Resp: 186750

Ion Ratio Lower Upper

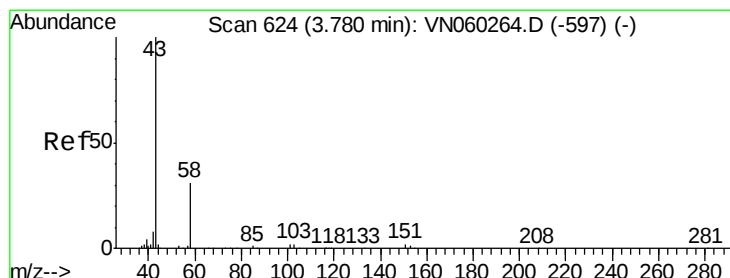
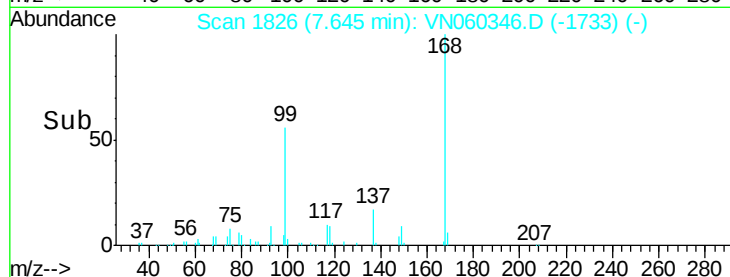
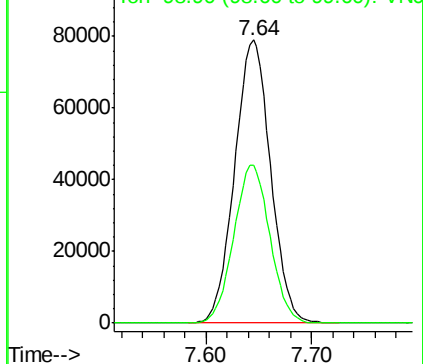
168 100

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): VN0



#16

Acetone

Concen: 6.494 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060346.D

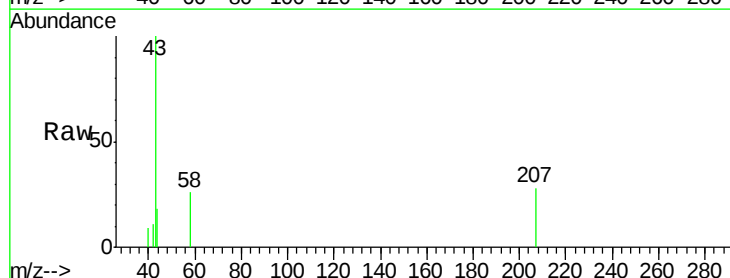
Acq: 4 Mar 2020 14:18

Tgt Ion: 43 Resp: 5025

Ion Ratio Lower Upper

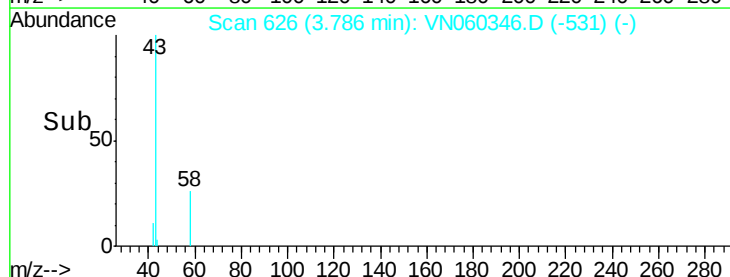
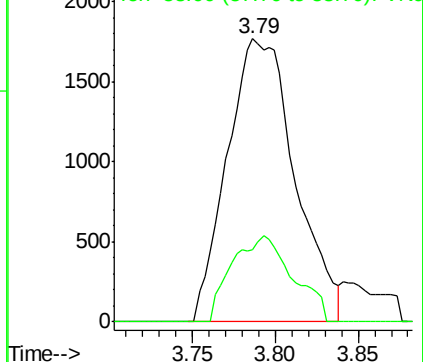
43 100

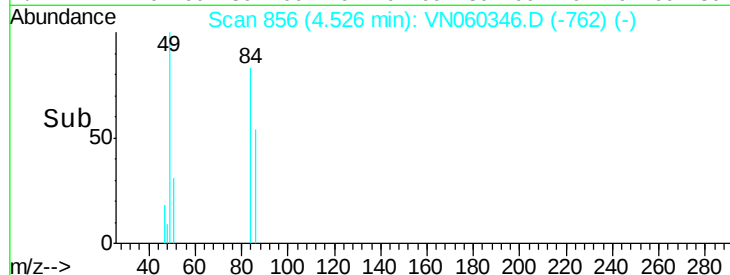
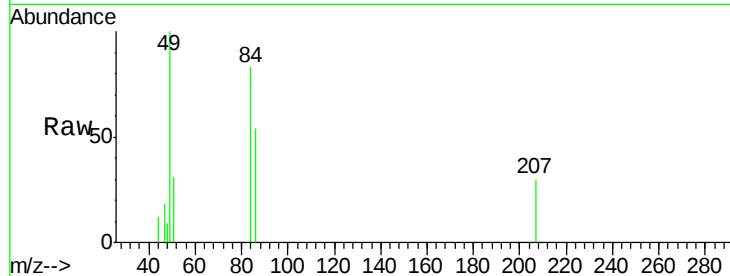
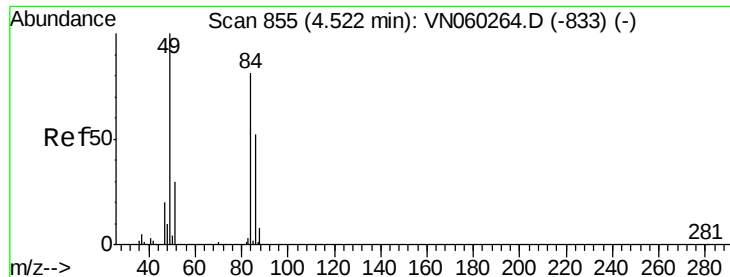
58 25.6 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

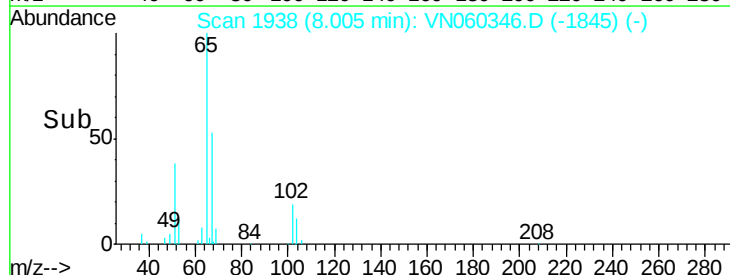
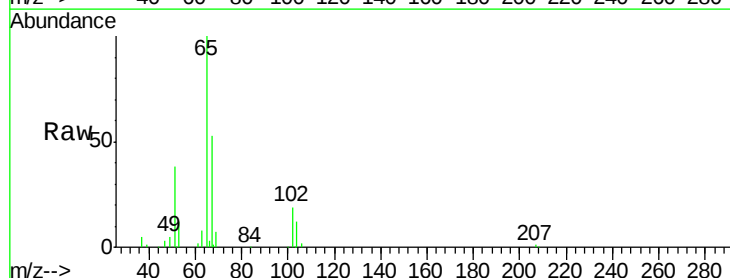
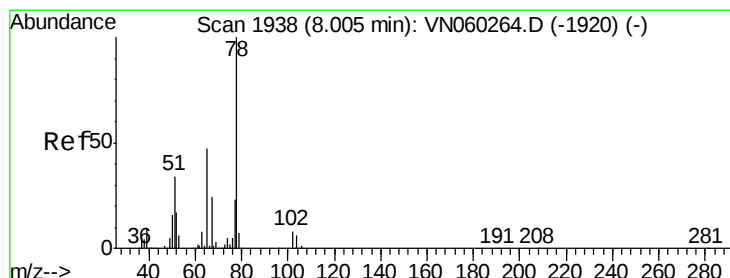
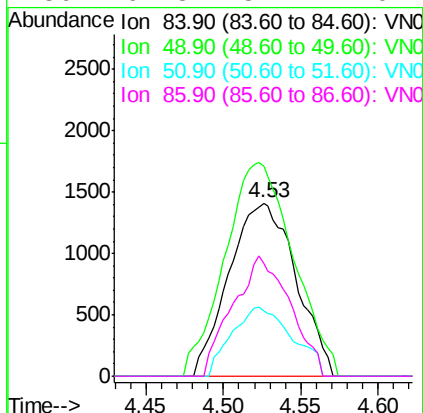




#20
Methvlene Chloride
Concen: 1.997 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060346.D
Acq: 4 Mar 2020 14:18

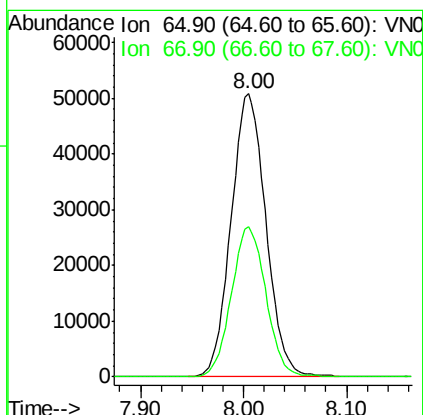
Instrument :
MSVOA_N
ClientSampleId :
PB127249ZHE#15

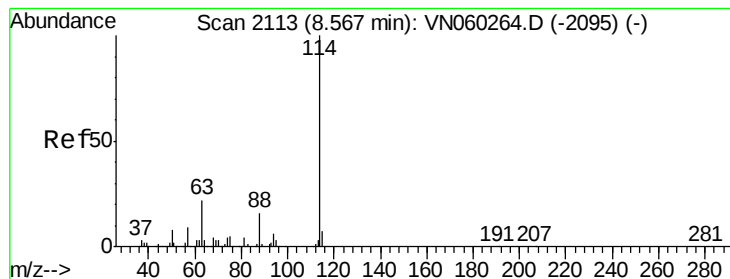
Tot Ion: 84 Resp: 4244
Ion Ratio Lower Upper
84 100
49 121.1 99.3 148.9
51 37.7 30.1 45.1
86 64.8 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 49.931 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060346.D
Acq: 4 Mar 2020 14:18

Tgt Ion: 65 Resp: 119637
Ion Ratio Lower Upper
65 100
67 52.6 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: VN060346.D

Acq: 4 Mar 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

PB127249ZHE#15

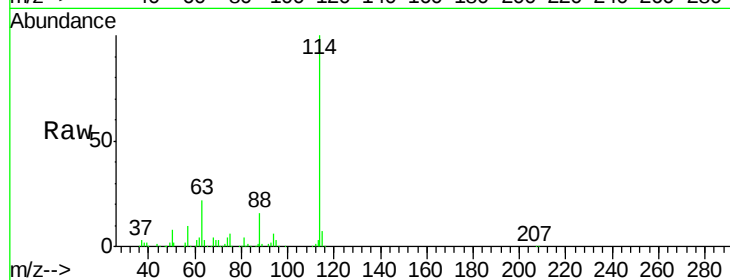
Tot Ion:114 Resp: 303585

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.2

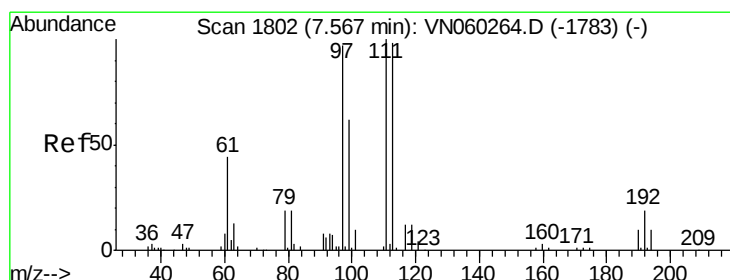
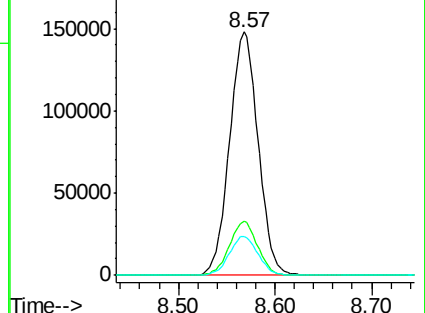
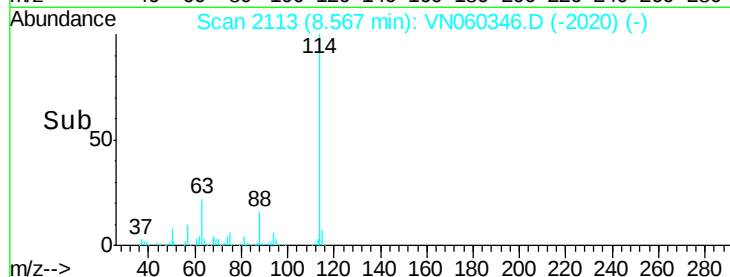
88 16.2 0.0 31.6



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: 57.450 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060346.D

Acq: 4 Mar 2020 14:18

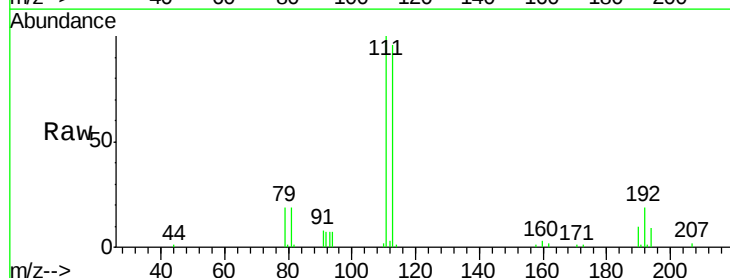
Tgt Ion:113 Resp: 80955

Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

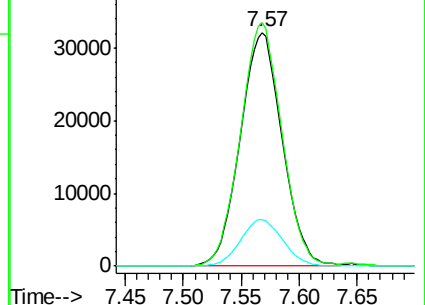
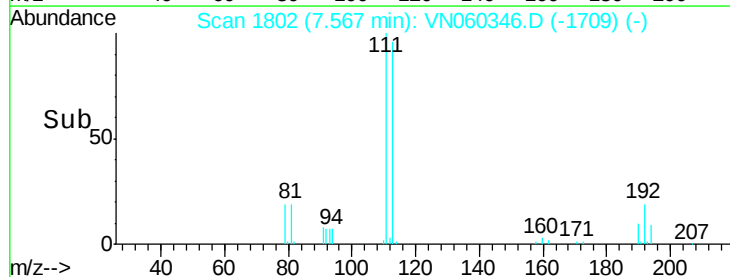
192 19.9 16.2 24.2

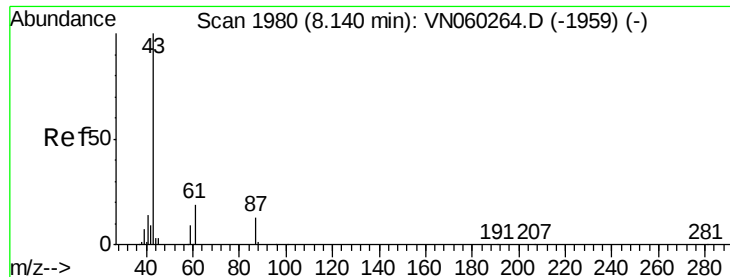


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.789 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060346.D

Acq: 4 Mar 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

PB127249ZHE#15

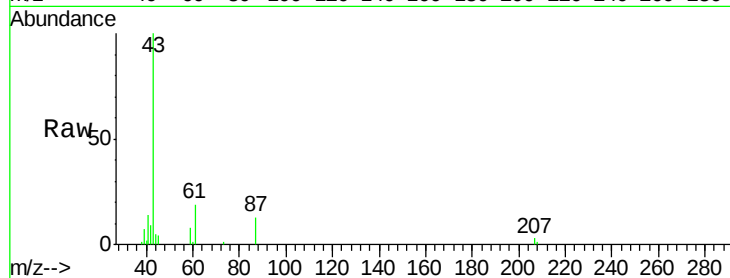
Tot Ion: 43 Resp: 42152

Ion Ratio Lower Upper

43 100

61 19.6 20.9 31.3#

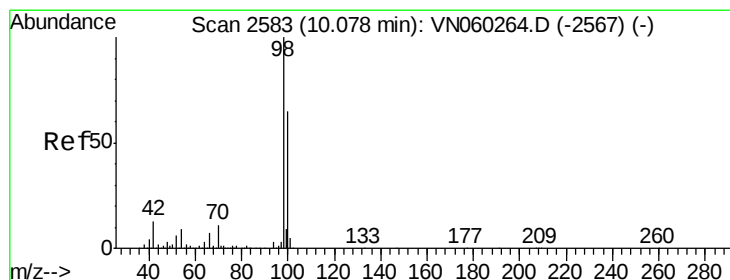
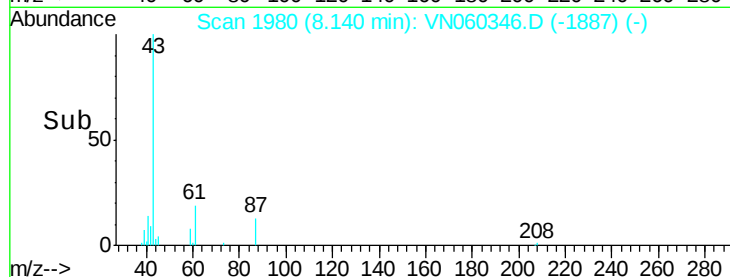
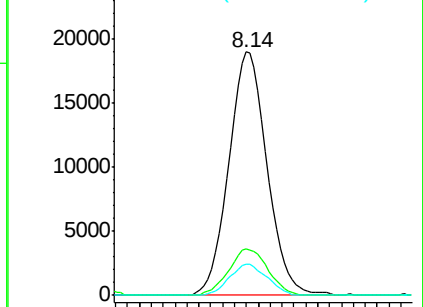
87 12.5 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060346.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060346.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060346.D (-1959) (-)



#50

Toluene-d8

Concen: 52.509 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060346.D

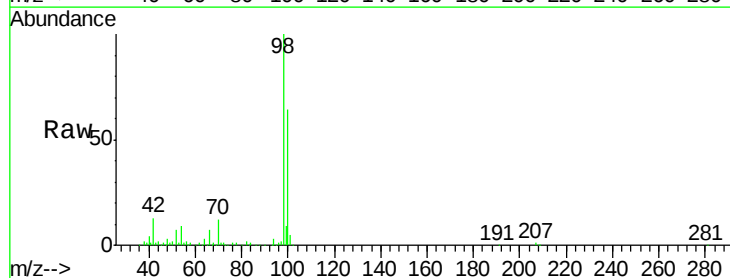
Acq: 4 Mar 2020 14:18

Tgt Ion: 98 Resp: 374484

Ion Ratio Lower Upper

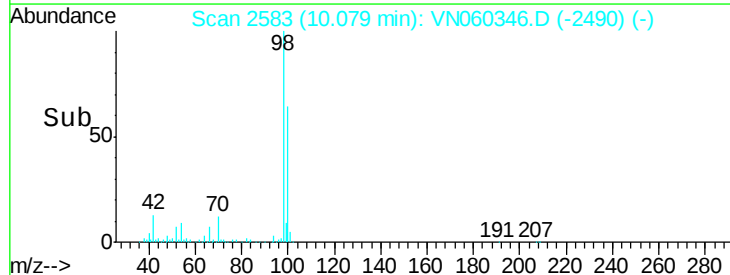
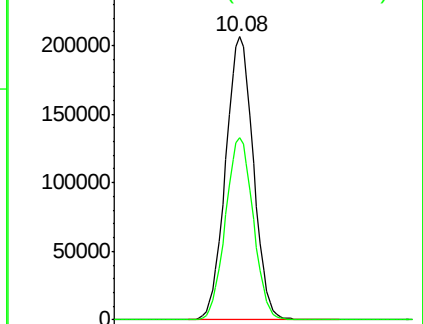
98 100

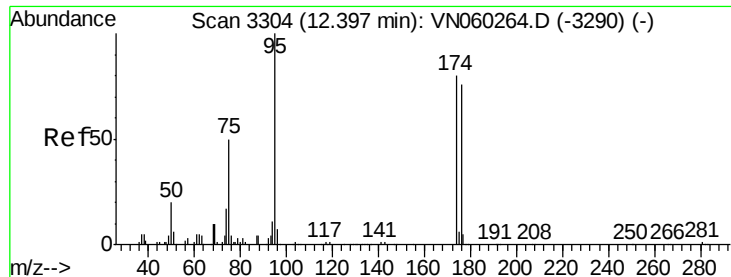
100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060346.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060346.D (-2567) (-)





#62

4-Bromofluorobenzene

Concen: 51.328 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060346.D

Acq: 4 Mar 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

PB127249ZHE#15

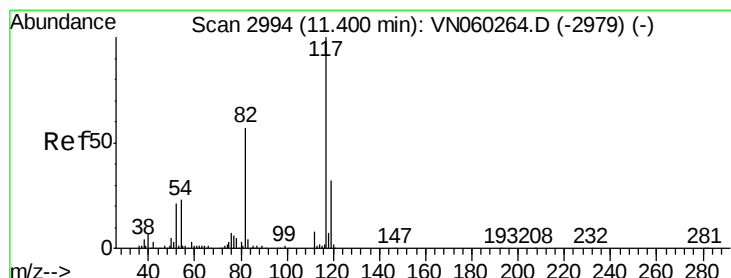
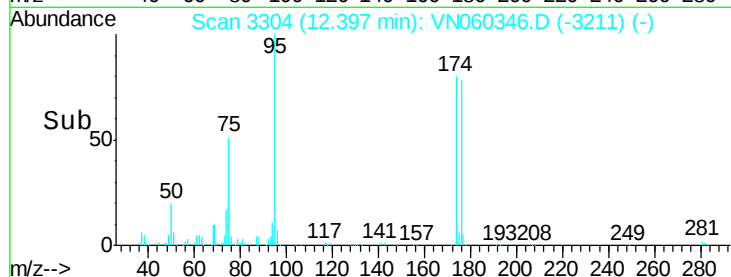
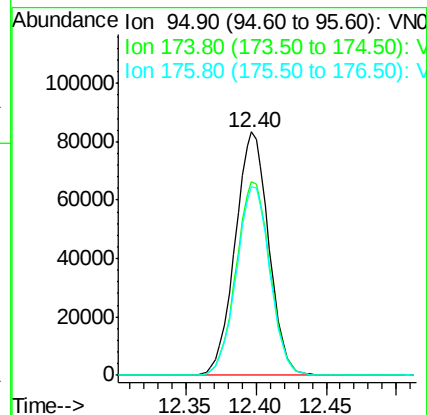
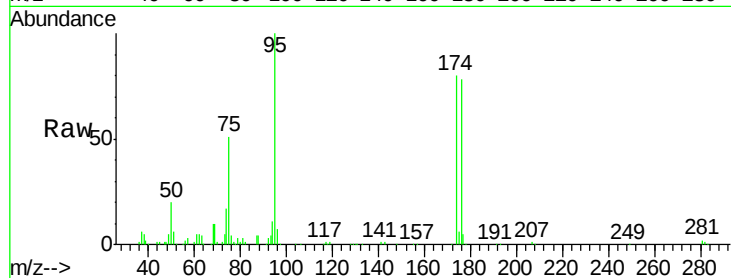
Tot Ion: 95 Resp: 138766

Ion Ratio Lower Upper

95 100

174 80.5 0.0 159.2

176 77.5 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: VN060346.D

Acq: 4 Mar 2020 14:18

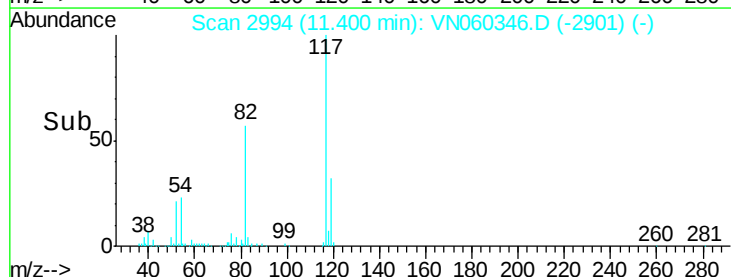
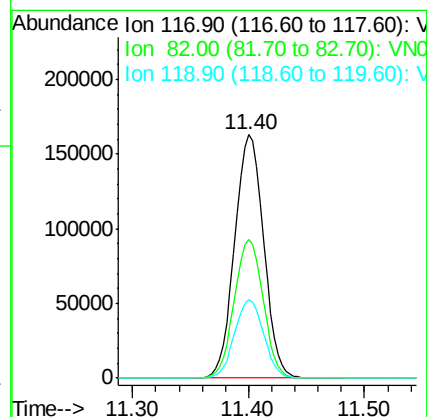
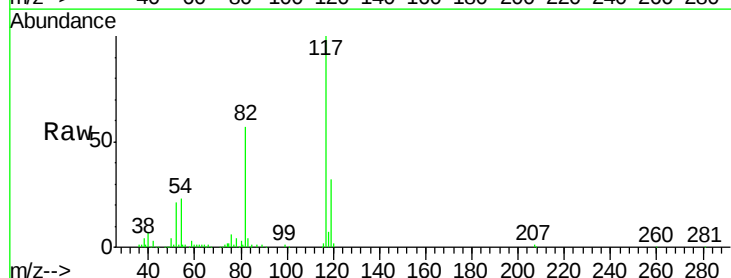
Tgt Ion: 117 Resp: 282599

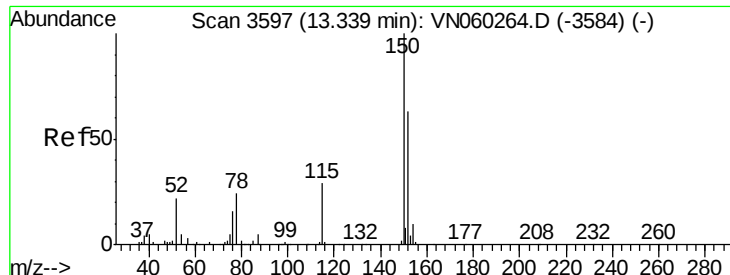
Ion Ratio Lower Upper

117 100

82 57.1 45.8 68.6

119 32.3 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: VN060346.D

Acq: 4 Mar 2020 14:18

Instrument :

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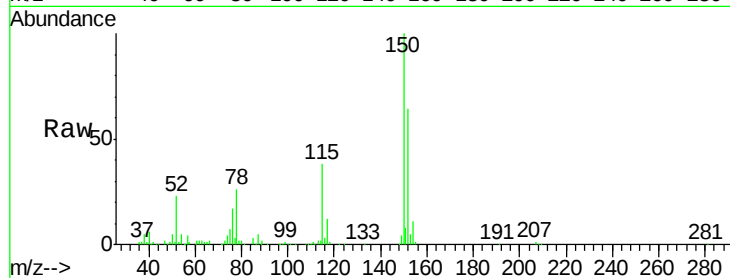
Tot Ion:152 Resp: 132958

Ion Ratio Lower Upper

152 100

115 58.6 30.0 90.0

150 156.2 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

