

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021920\
 Data File : VN060149.D
 Acq On : 19 Feb 2020 12:38
 Operator : JC/MD
 Sample : PB126910ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126910ZHE#01

Quant Time: Feb 20 02:57:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

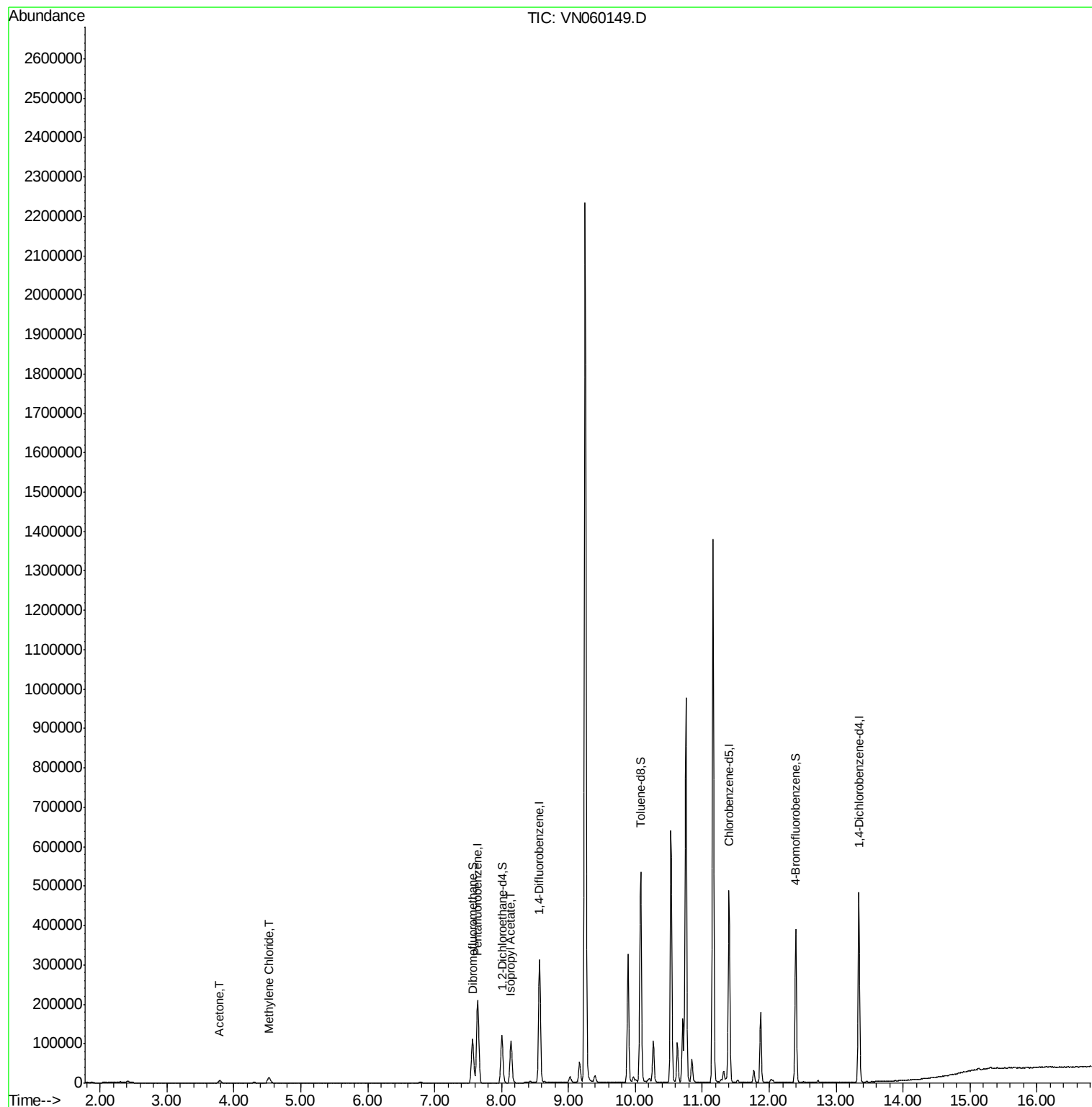
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	178398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	282084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	276340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	128472	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	106289	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
35) Dibromofluoromethane	7.57	113	84835	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
50) Toluene-d8	10.08	98	348783	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
62) 4-Bromofluorobenzene	12.40	95	129861	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
Target Compounds						
16) Acetone	3.79	43	11164	11.790	ug/l	95
20) Methylene Chloride	4.52	84	11271	5.966	ug/l	96
43) Isopropyl Acetate	8.14	43	127073	31.481	ug/l #	90

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

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Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

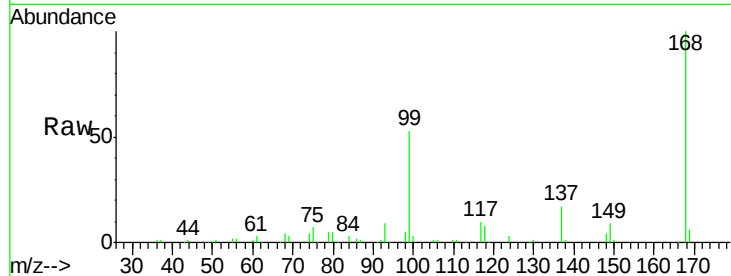
PB126910ZHE#01

Tot Ion:168 Resp: 178398

Ion Ratio Lower Upper

168 100

99 53.0 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

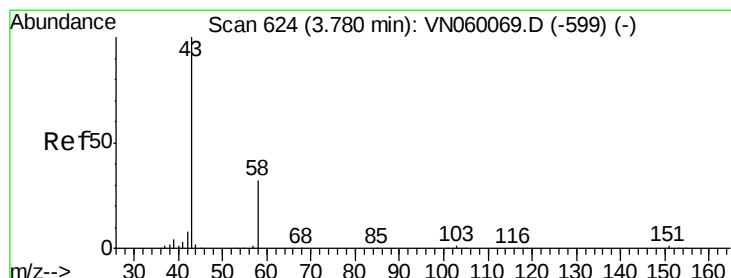
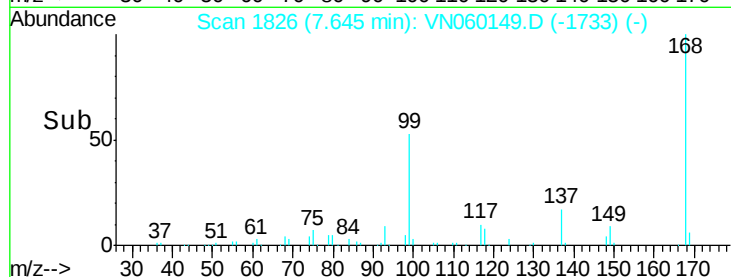
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 11.790 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060149.D

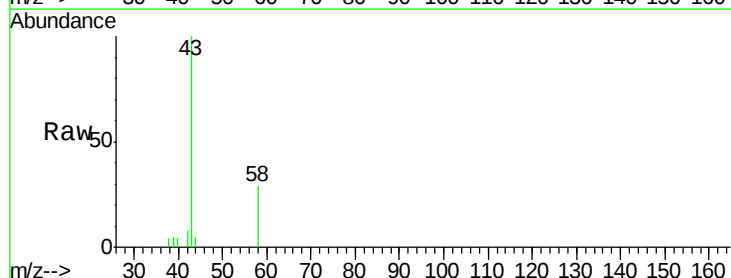
Acq: 19 Feb 2020 12:38

Tgt Ion: 43 Resp: 11164

Ion Ratio Lower Upper

43 100

58 28.7 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

4000

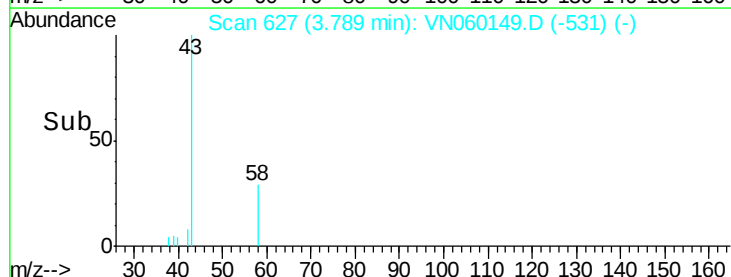
3000

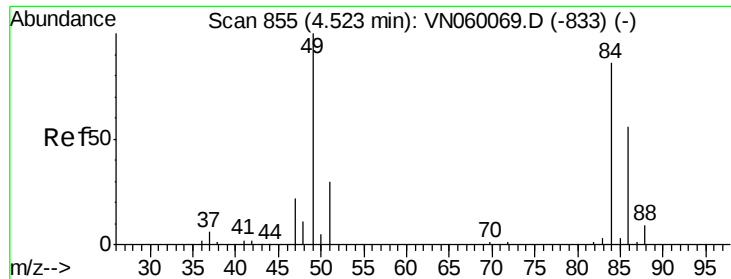
2000

1000

0

Time--> 3.70 3.75 3.80 3.85 3.90

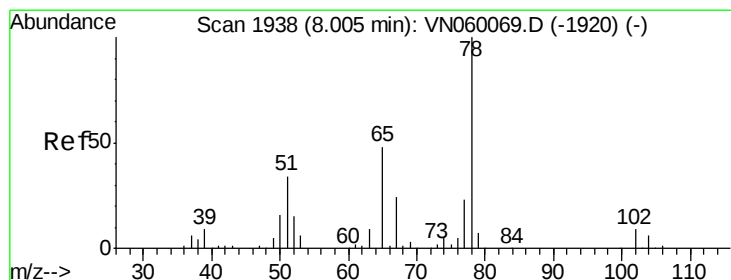
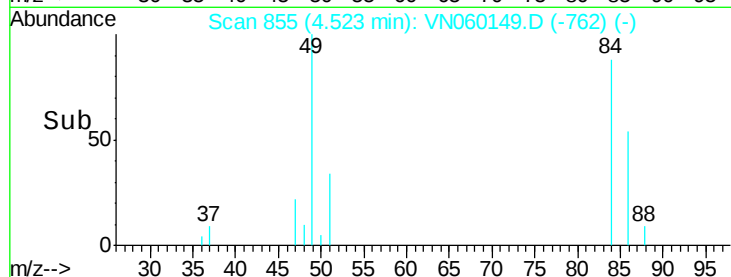
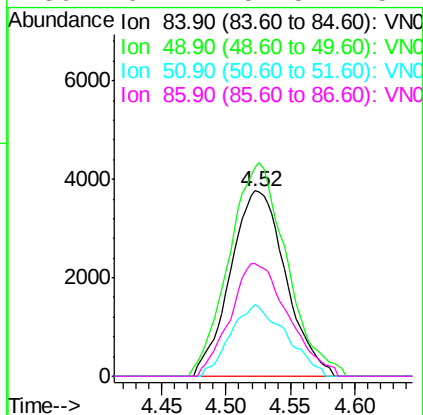
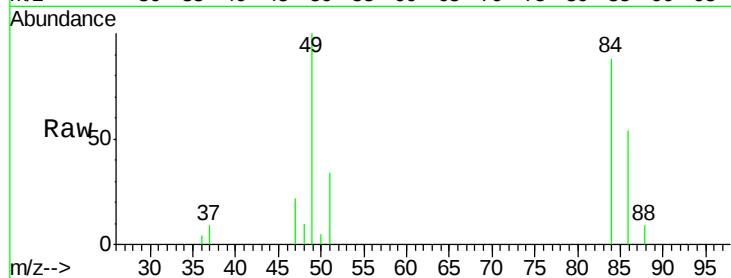




#20
Methylene Chloride
Concen: 5.966 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060149.D
Acq: 19 Feb 2020 12:38

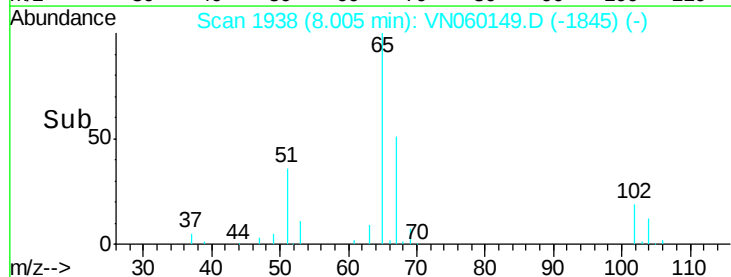
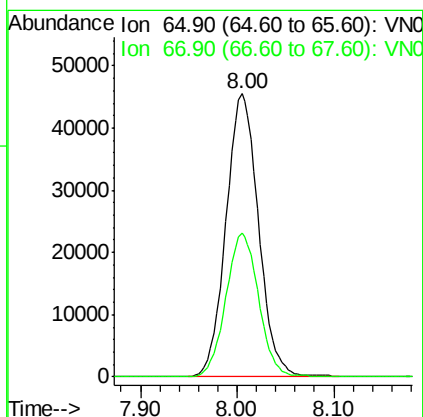
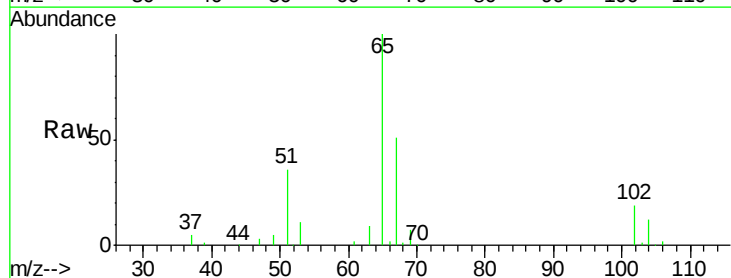
Instrument :
MSVOA_N
ClientSampleId :
PB126910ZHE#01

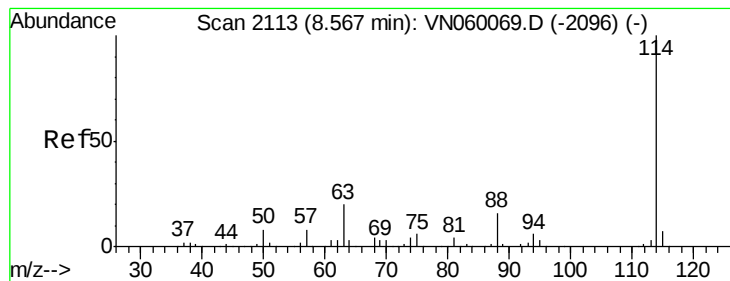
Tot Ion: 84 Resp: 11271
Ion Ratio Lower Upper
84 100
49 113.0 93.4 140.0
51 38.8 28.4 42.6
86 61.2 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 48.963 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN060149.D
Acq: 19 Feb 2020 12:38

Tgt Ion: 65 Resp: 106289
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060149.D

Acq: 19 Feb 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

PB126910ZHE#01

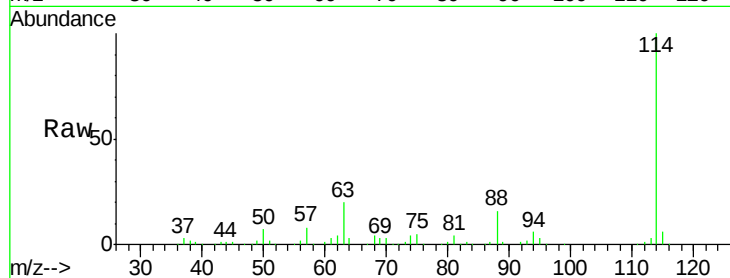
Tot Ion:114 Resp: 282084

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

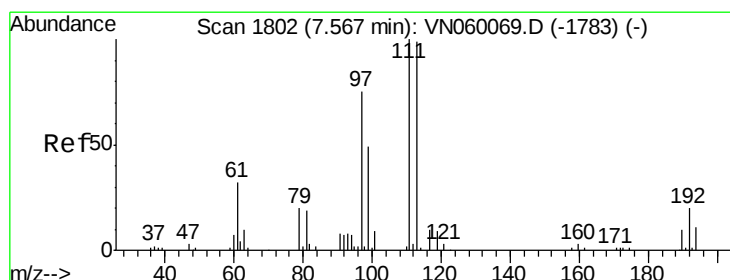
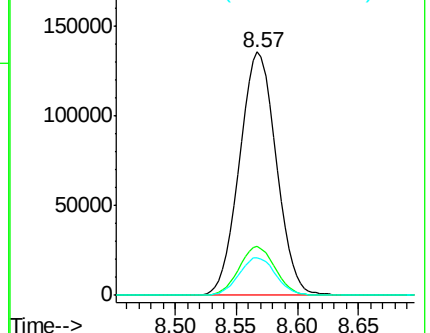
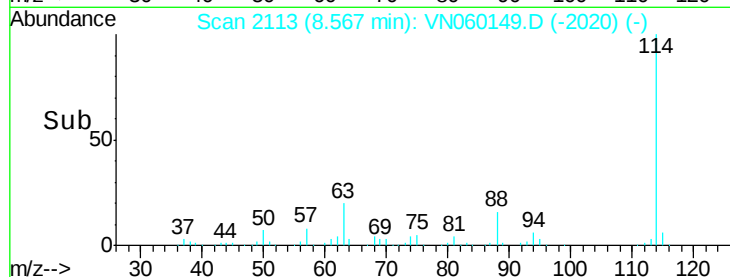
88 15.6 0.0 31.6



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: 48.925 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN060149.D

Acq: 19 Feb 2020 12:38

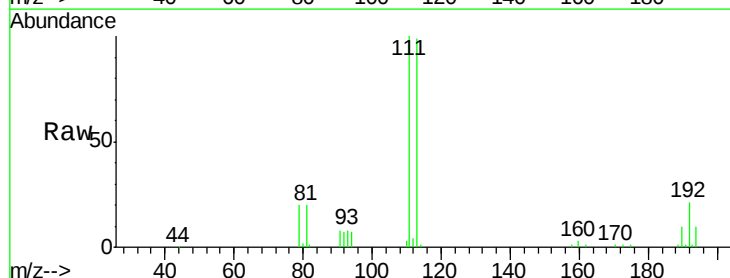
Tgt Ion:113 Resp: 84835

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.2

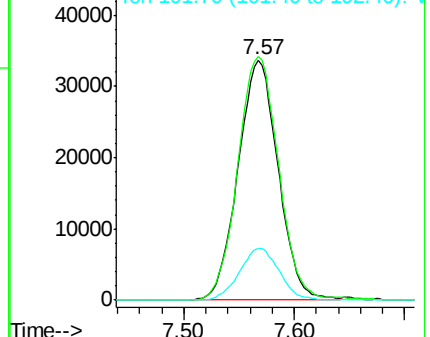
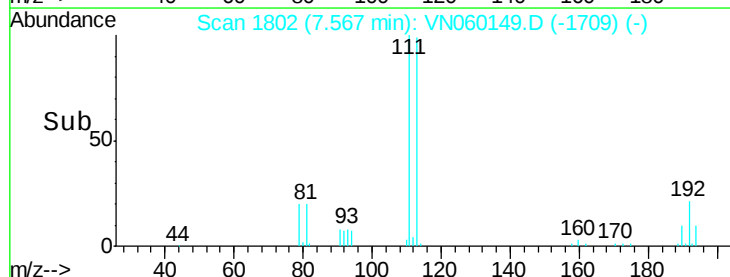
192 21.3 16.2 24.2

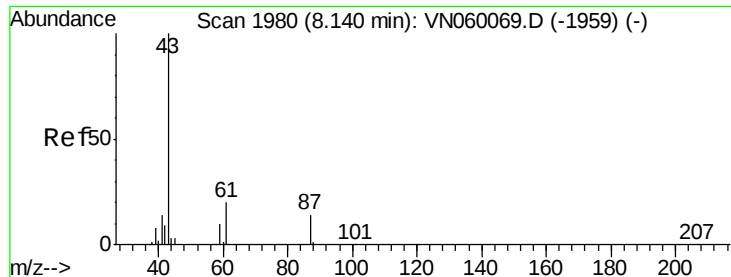


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 31.481 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060149.D

Acq: 19 Feb 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

PB126910ZHE#01

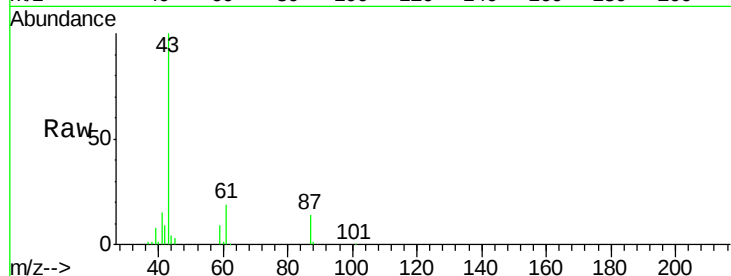
Tot Ion: 43 Resp: 127073

Ion Ratio Lower Upper

43 100

61 19.9 21.8 32.6#

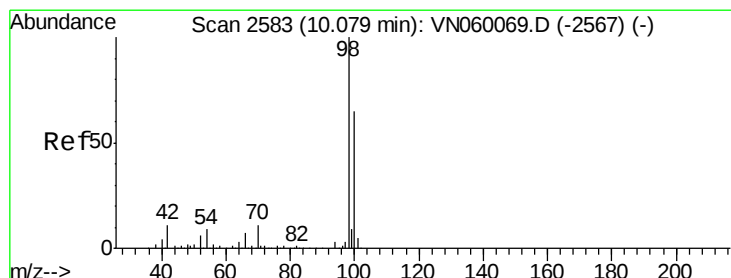
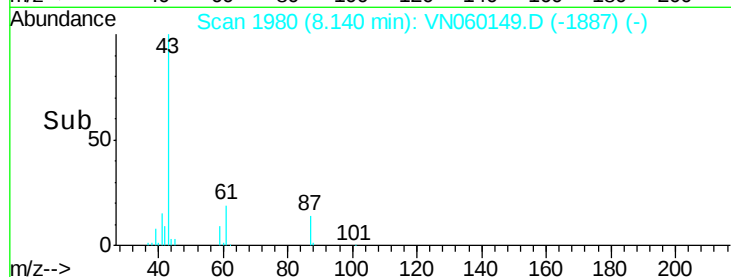
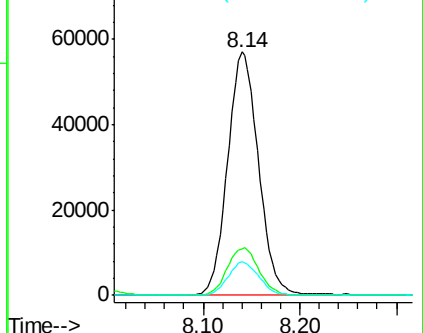
87 13.7 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060069.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060069.D (-1959) (-)



#50

Toluene-d8

Concen: 51.079 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060149.D

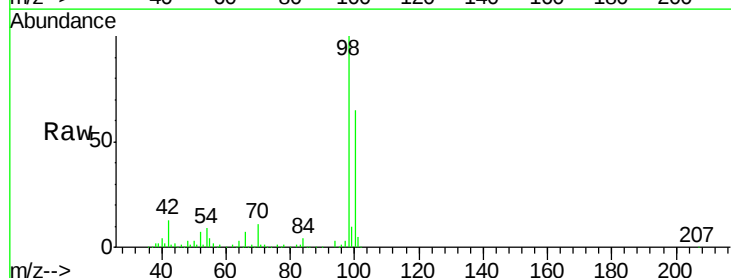
Acq: 19 Feb 2020 12:38

Tgt Ion: 98 Resp: 348783

Ion Ratio Lower Upper

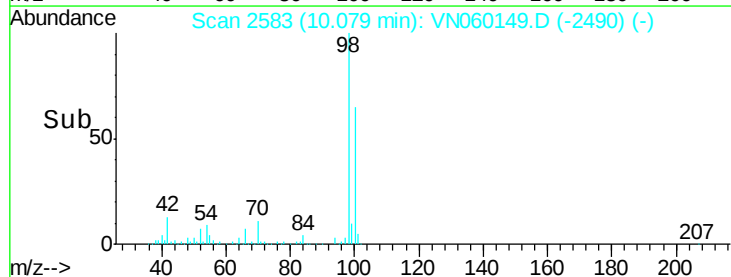
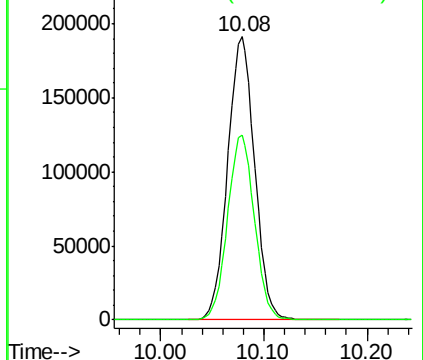
98 100

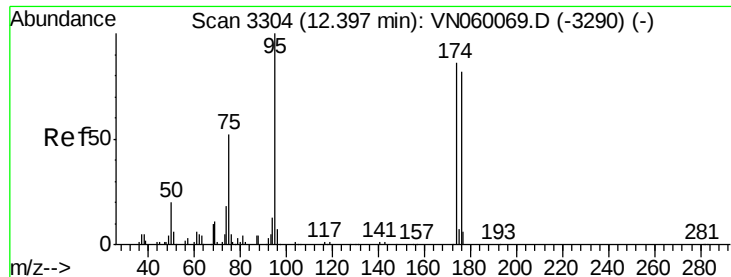
100 65.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN060069.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060069.D (-2567) (-)





#62

4-Bromofluorobenzene

Concen: 51.756 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060149.D

Acq: 19 Feb 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

PB126910ZHE#01

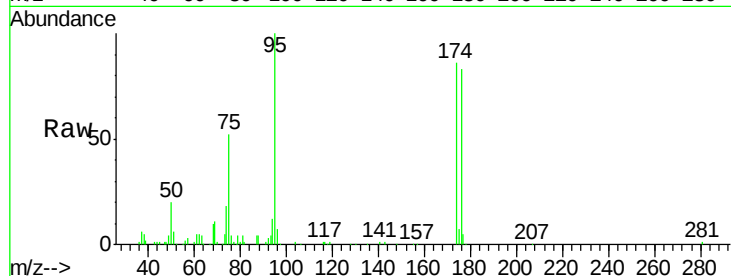
Tot Ion: 95 Resp: 129861

Ion Ratio Lower Upper

95 100

174 85.1 0.0 169.8

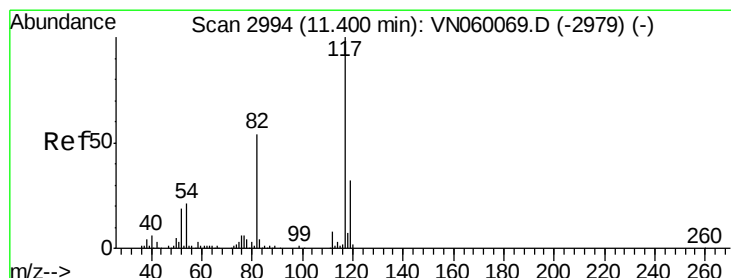
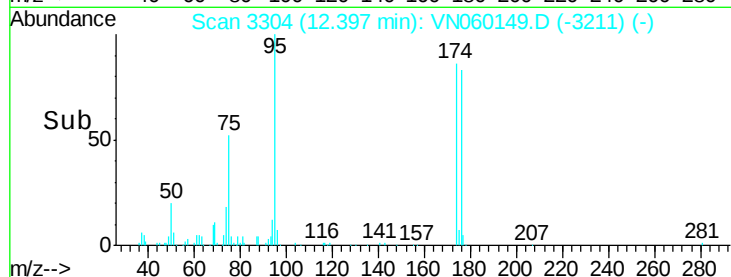
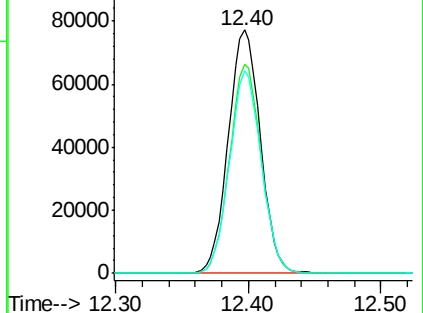
176 82.3 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN060149.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060149.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060149.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060149.D

Acq: 19 Feb 2020 12:38

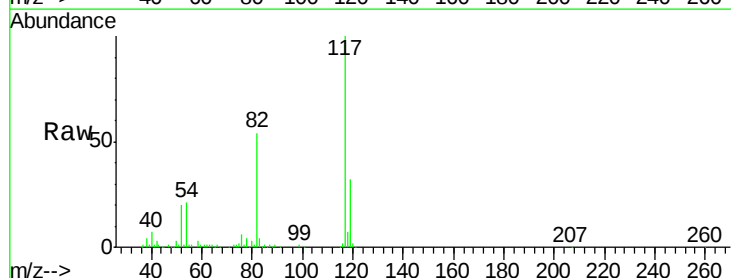
Tgt Ion: 117 Resp: 276340

Ion Ratio Lower Upper

117 100

82 54.5 43.4 65.0

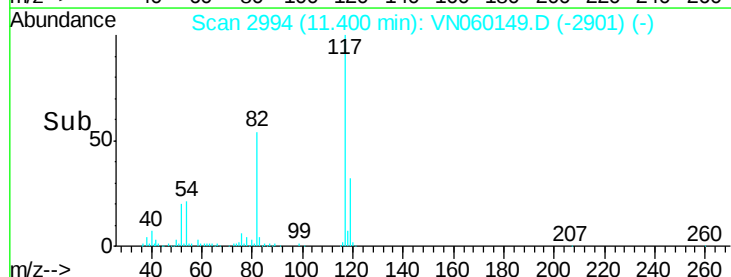
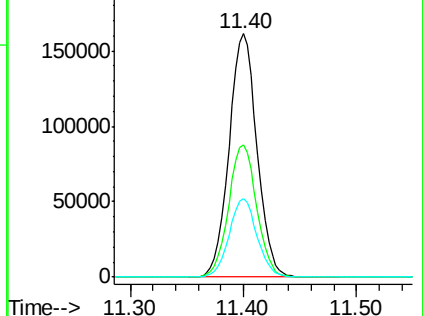
119 32.3 25.8 38.6

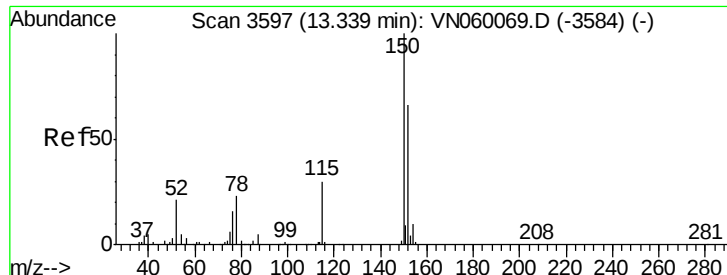


Abundance Ion 116.90 (116.60 to 117.60): VN060149.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060149.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060149.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: VN060149.D

Acq: 19 Feb 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

PB126910ZHE#01

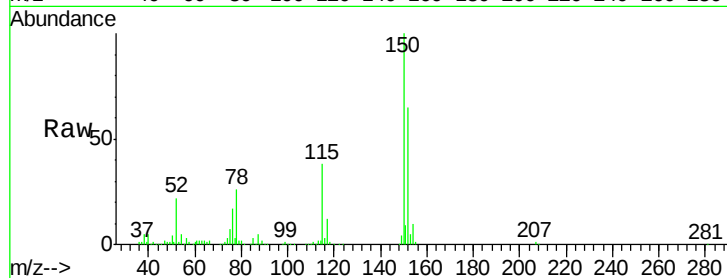
Tot Ion:152 Resp: 128472

Ion Ratio Lower Upper

152 100

115 58.3 28.9 86.8

150 156.2 0.0 342.4



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

