

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032420\
 Data File : VN060676.D
 Acq On : 24 Mar 2020 16:45
 Operator : JC/MD
 Sample : PB127757ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127757ZHE#09

Quant Time: Mar 25 10:05:12 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

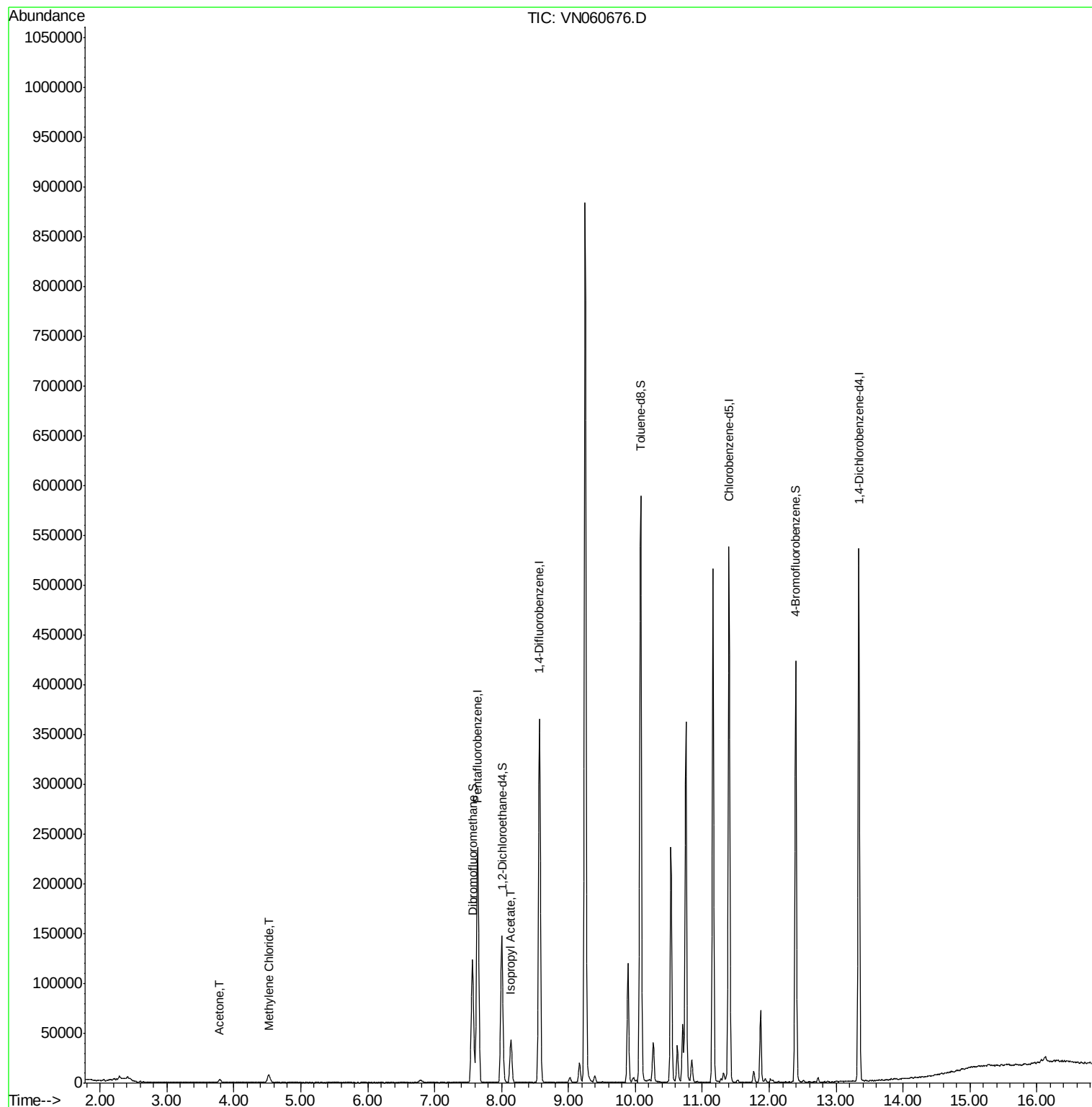
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	194710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	324377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	304336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140152	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	126772	47.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.86%	
35) Dibromofluoromethane	7.56	113	96805	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
50) Toluene-d8	10.08	98	400677	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.40	95	148621	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
Target Compounds						
16) Acetone	3.79	43	5058	5.342	ug/l	95
20) Methylene Chloride	4.52	84	6011	2.581	ug/l	94
43) Isopropyl Acetate	8.14	43	51359	9.176	ug/l #	92

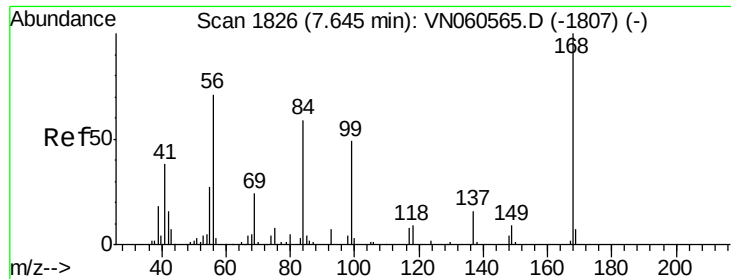
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060676.D

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Instrument :

MSVOA_N

ClientSampleId :

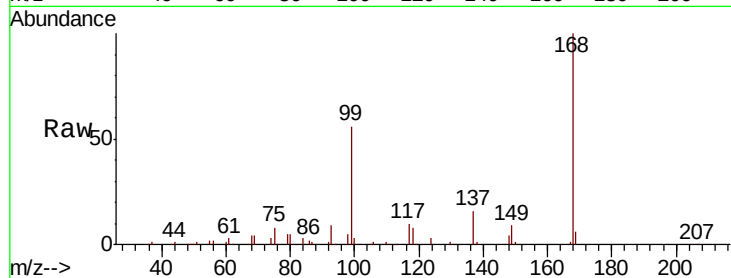
PB127757ZHE#09

Tot Ion:168 Resp: 194710

Ion Ratio Lower Upper

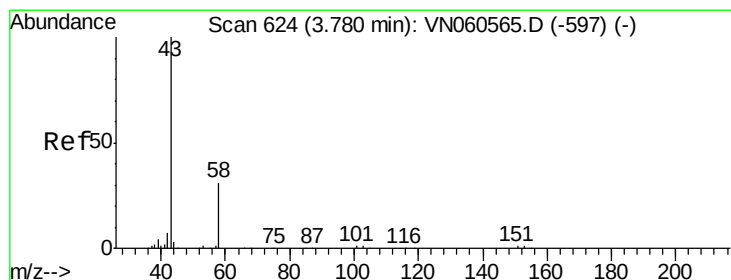
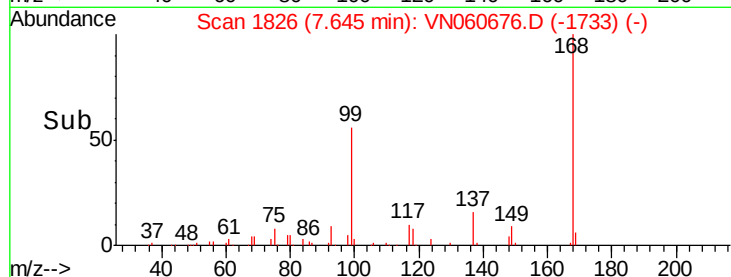
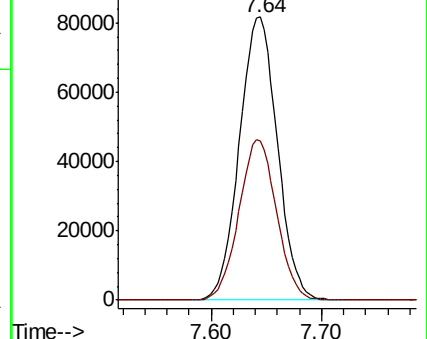
168 100

99 56.2 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 5.342 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060676.D

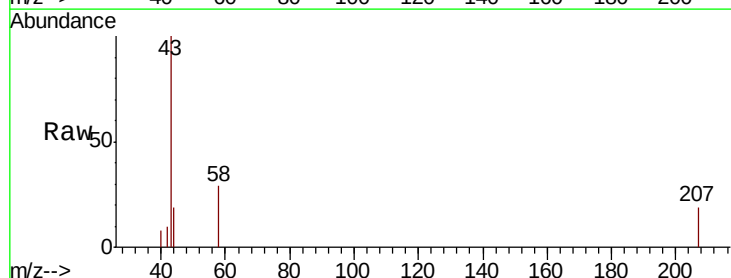
Acq: 24 Mar 2020 16:45

Tgt Ion: 43 Resp: 5058

Ion Ratio Lower Upper

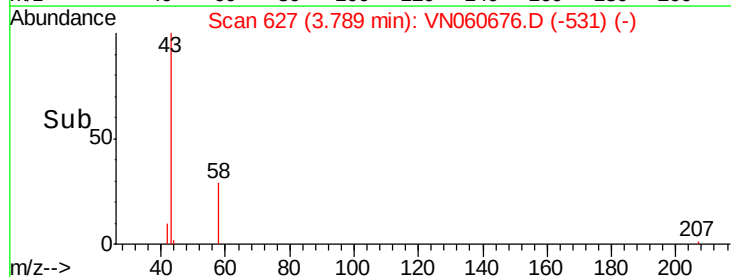
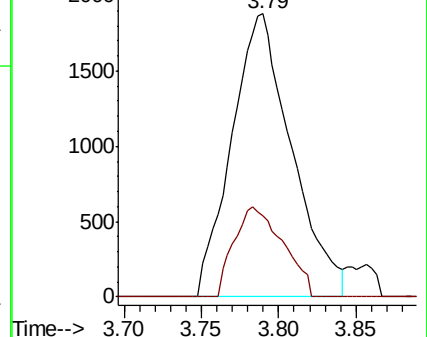
43 100

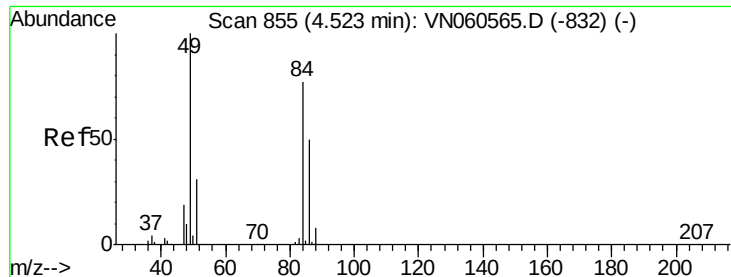
58 28.8 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

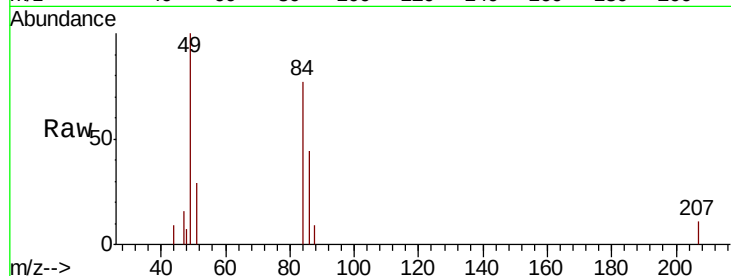




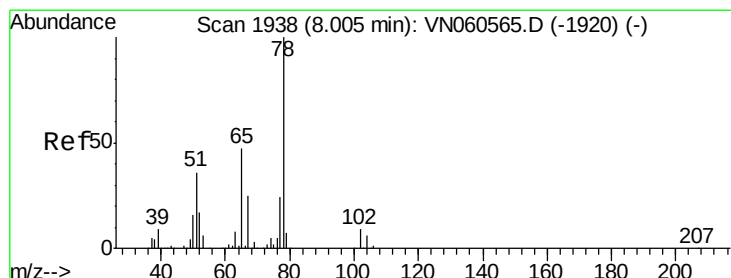
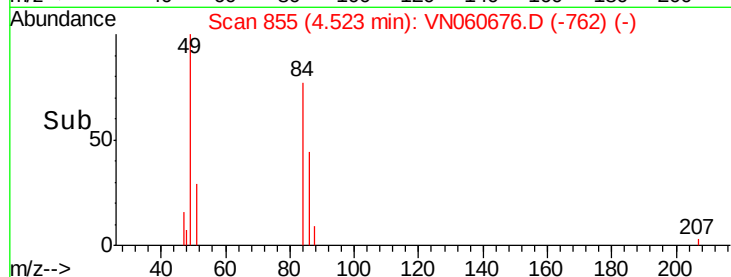
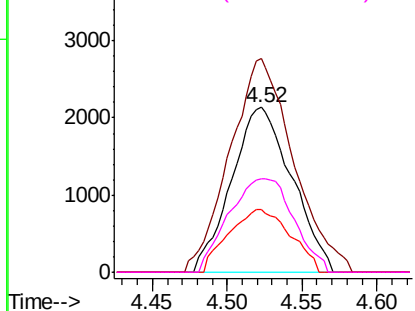
#20
Methylene Chloride
Concen: 2.581 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060676.D
Acq: 24 Mar 2020 16:45

Instrument :
MSVOA_N
ClientSampleId :
PB127757ZHE#09

Tot Ion:	84	Resp:	6011
Ion	Ratio	Lower	Upper
84	100		
49	122.4	103.3	154.9
51	37.9	31.6	47.4
86	56.9	52.0	78.0

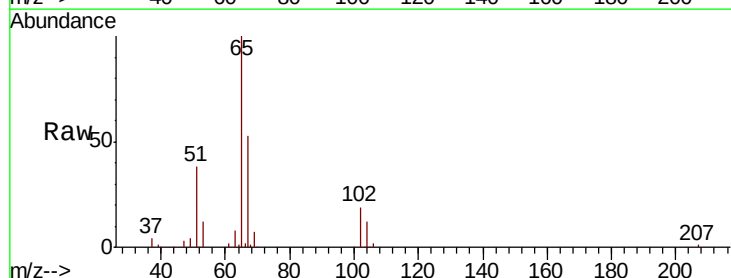


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

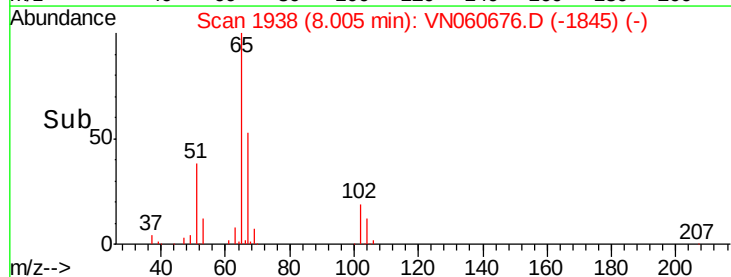
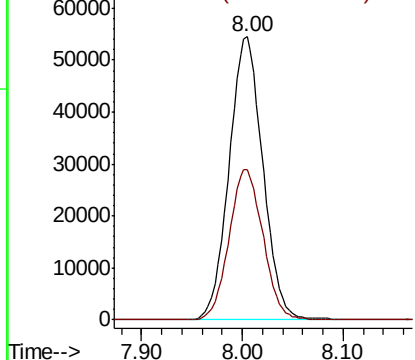


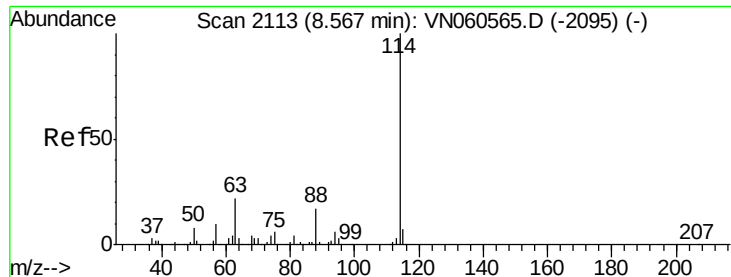
#33
1,2-Dichloroethane-d4
Concen: 47.428 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060676.D
Acq: 24 Mar 2020 16:45

Tgt Ion:	65	Resp:	126772
Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060676.D

Acq: 24 Mar 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

PB127757ZHE#09

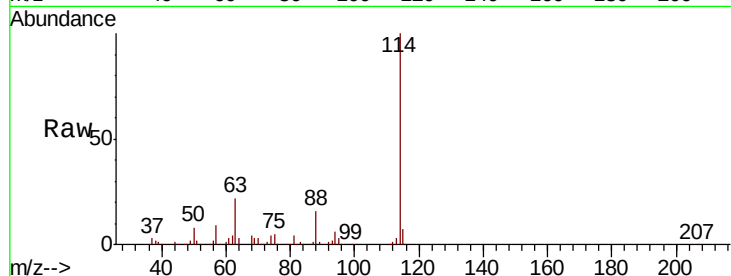
Tot Ion:114 Resp: 324377

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.8

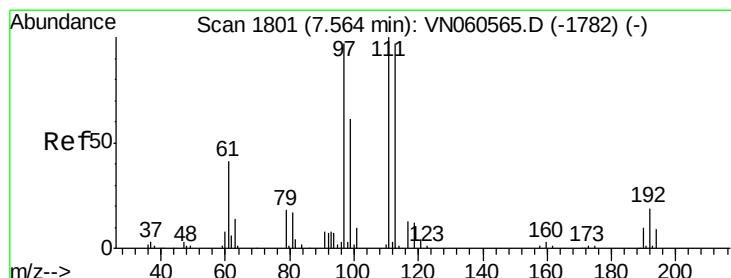
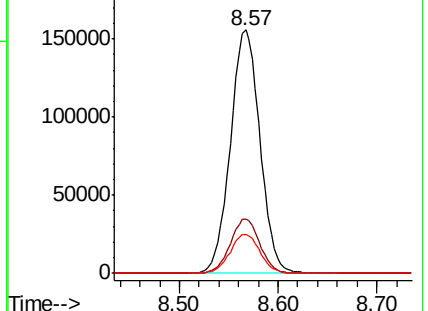
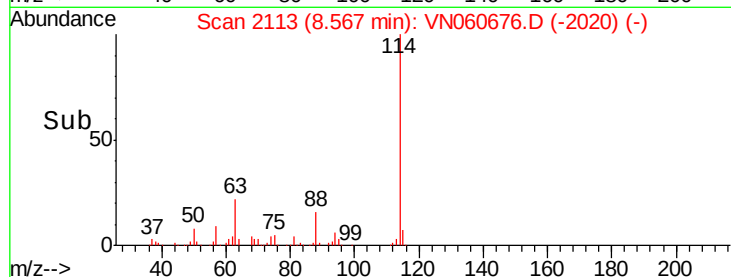
88 15.9 0.0 33.0



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: 49.355 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN060676.D

Acq: 24 Mar 2020 16:45

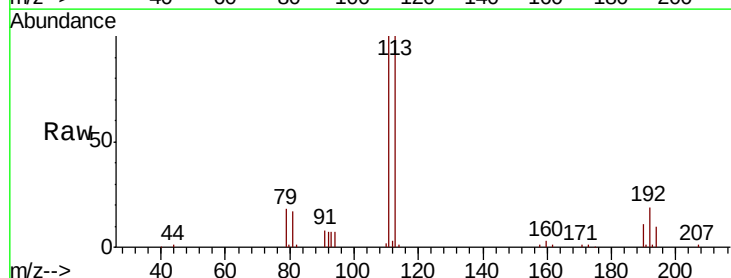
Tgt Ion:113 Resp: 96805

Ion Ratio Lower Upper

113 100

111 101.9 82.9 124.3

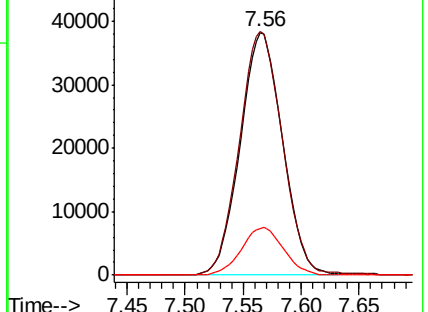
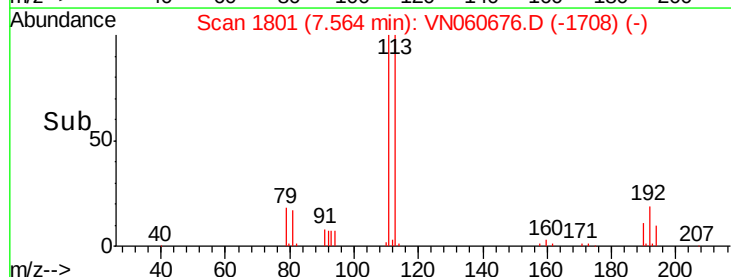
192 19.5 15.8 23.8

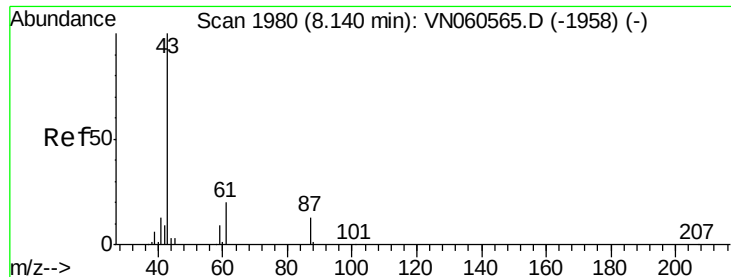


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.176 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060676.D

Acq: 24 Mar 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

PB127757ZHE#09

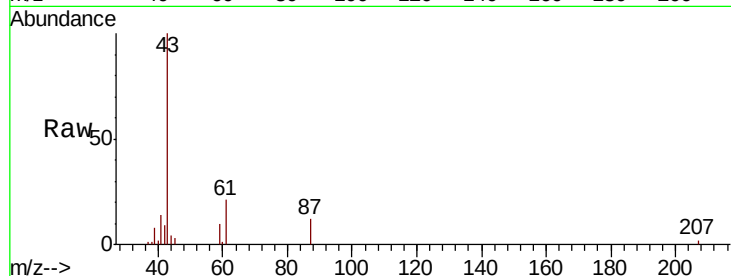
Tot Ion: 43 Resp: 51359

Ion Ratio Lower Upper

43 100

61 19.9 20.7 31.1#

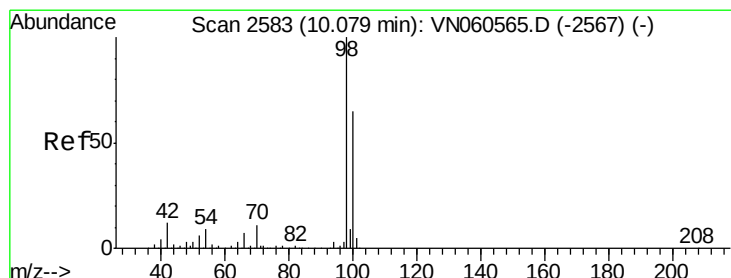
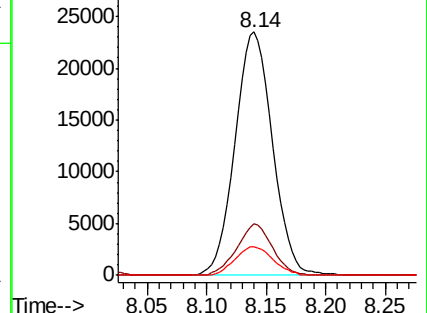
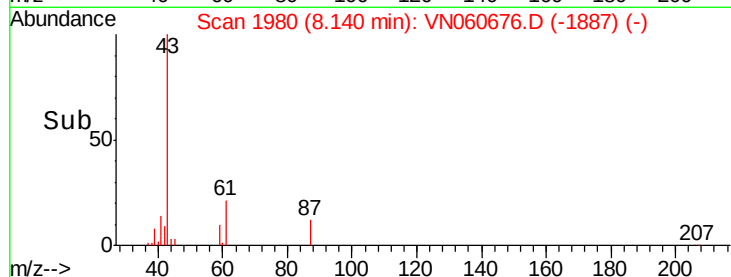
87 11.9 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060676.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060676.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060676.D (-1887) (-)



#50

Toluene-d8

Concen: 50.012 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060676.D

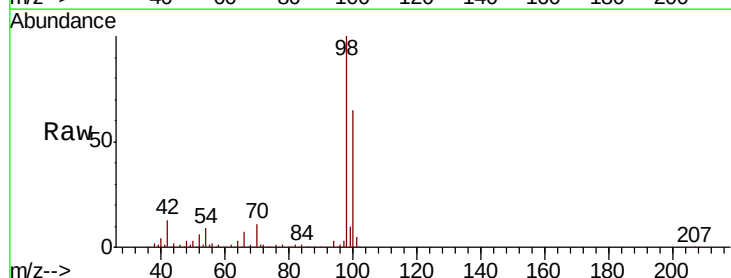
Acq: 24 Mar 2020 16:45

Tgt Ion: 98 Resp: 400677

Ion Ratio Lower Upper

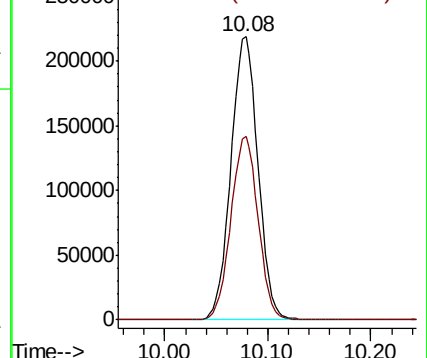
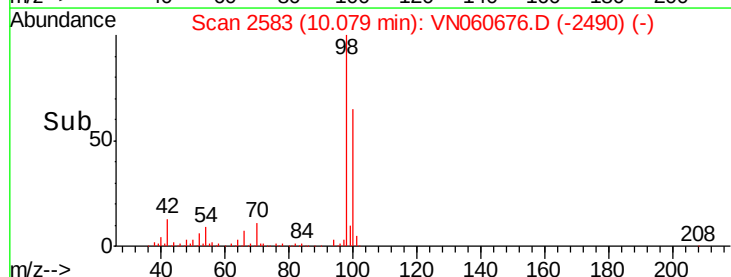
98 100

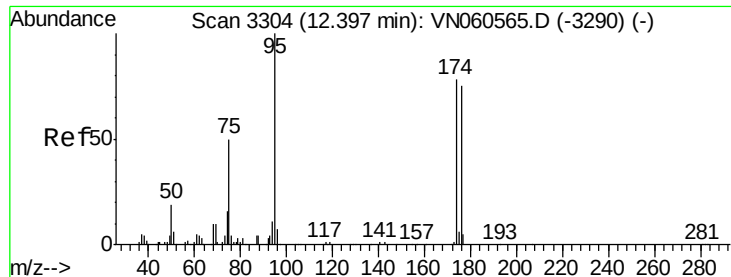
100 65.1 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060676.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060676.D (-2490) (-)





#62

4-Bromofluorobenzene

Concen: 50.618 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060676.D

Acq: 24 Mar 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

PB127757ZHE#09

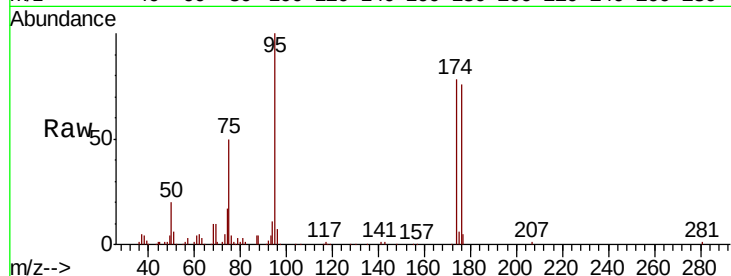
Tot Ion: 95 Resp: 148621

Ion Ratio Lower Upper

95 100

174 78.0 0.0 157.6

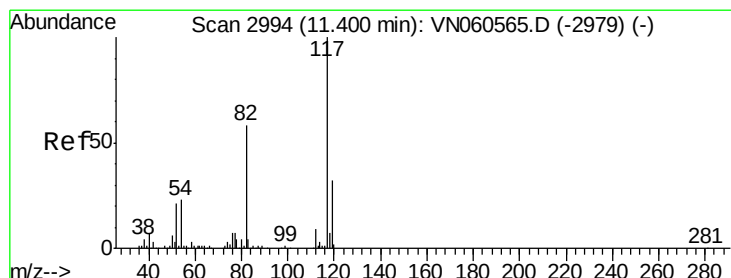
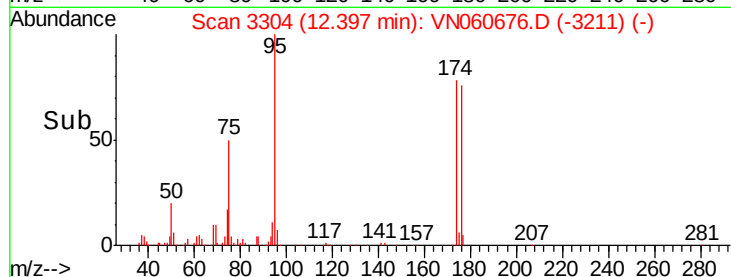
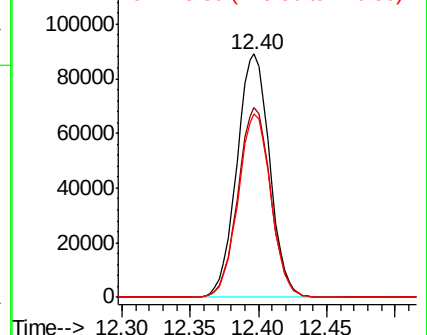
176 75.4 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060676.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060676.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060676.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060676.D

Acq: 24 Mar 2020 16:45

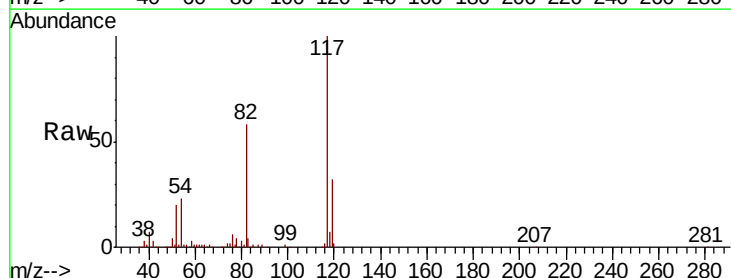
Tgt Ion: 117 Resp: 304336

Ion Ratio Lower Upper

117 100

82 58.0 46.7 70.1

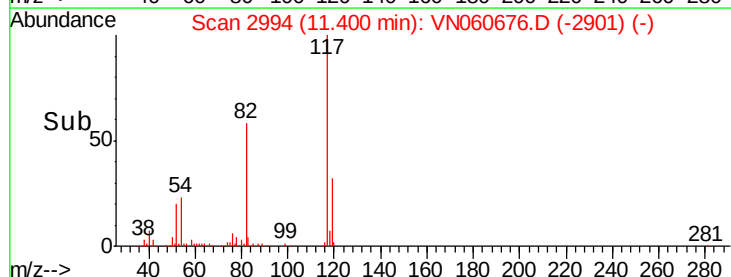
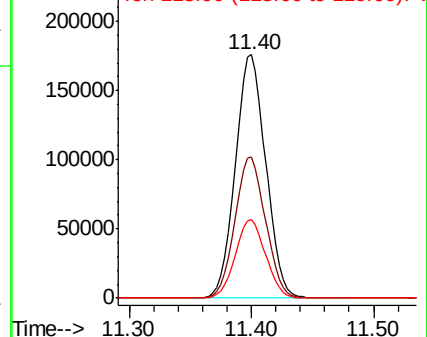
119 32.2 25.5 38.3

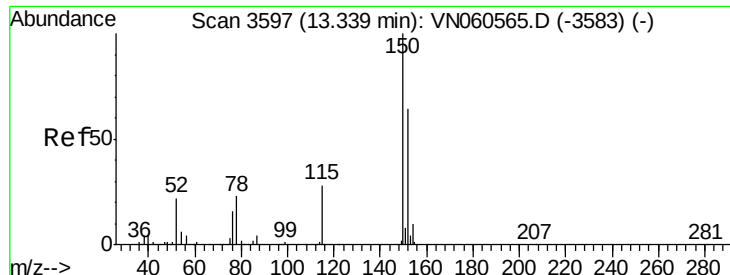


Abundance Ion 116.90 (116.60 to 117.60): VN060676.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060676.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060676.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060676.D

Acq: 24 Mar 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

PB127757ZHE#09

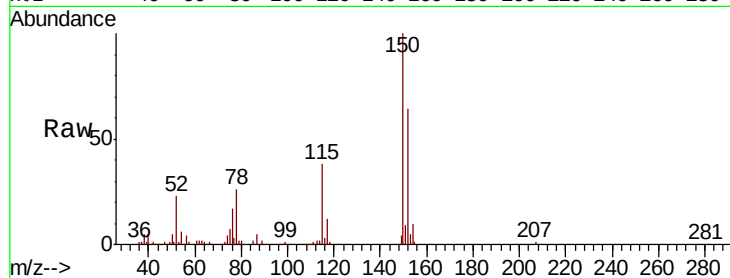
Tot Ion:152 Resp: 140152

Ion Ratio Lower Upper

152 100

115 59.4 30.2 90.6

150 156.8 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

