

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032420\
 Data File : VN060673.D
 Acq On : 24 Mar 2020 15:36
 Operator : JC/MD
 Sample : PB127723ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127723ZHE#01

Quant Time: Mar 25 09:54:35 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

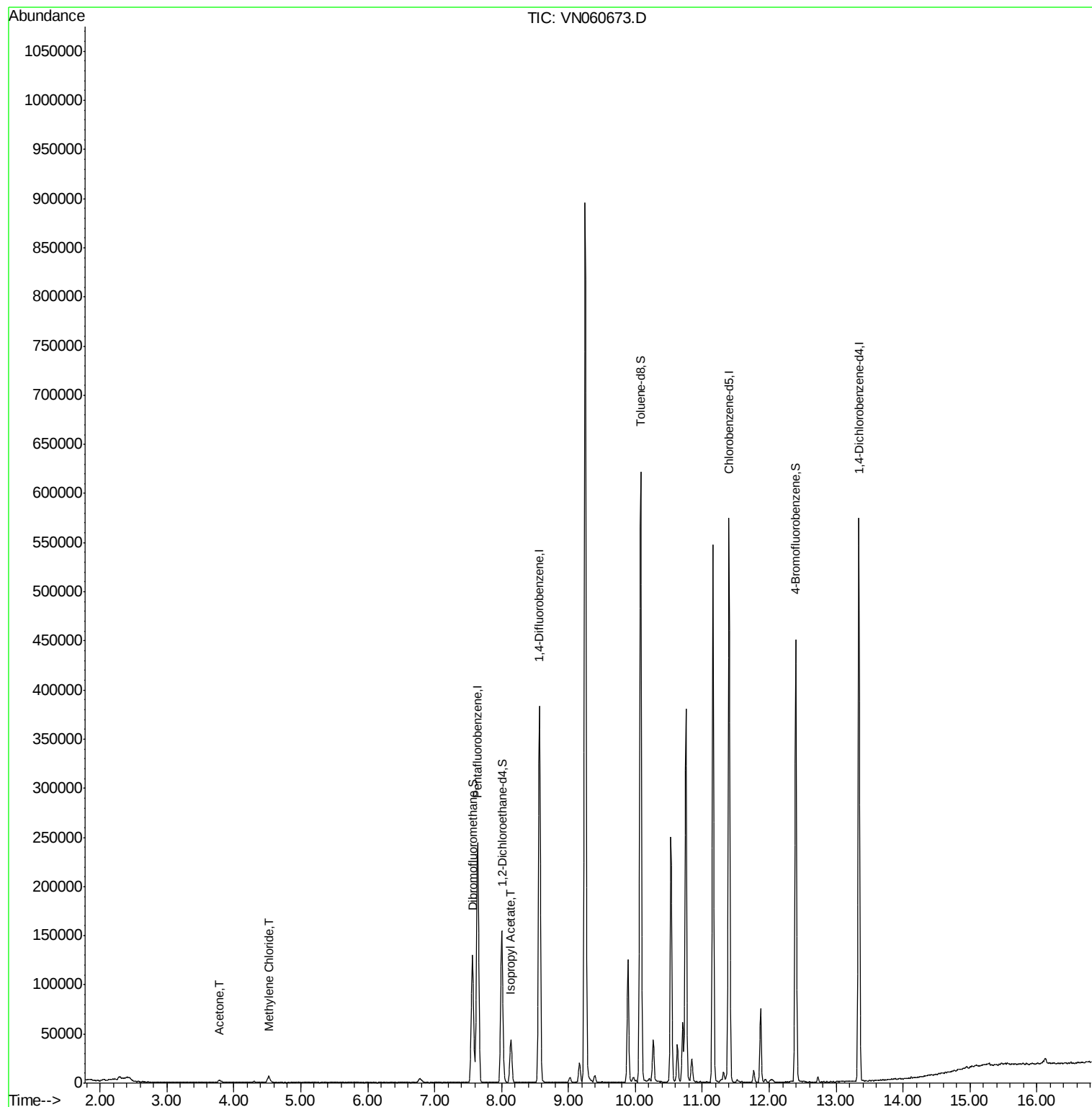
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	203246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	339092	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	321101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	148391	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	132029	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
35) Dibromofluoromethane	7.56	113	99437	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
50) Toluene-d8	10.08	98	418882	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	12.40	95	159276	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
Target Compounds						
16) Acetone	3.79	43	4949	5.008	ug/l	91
20) Methylene Chloride	4.52	84	4790	1.970	ug/l	99
43) Isopropyl Acetate	8.14	43	53274	9.105	ug/l #	90

(#) = 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: VN060673.D

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ClientSampleId :

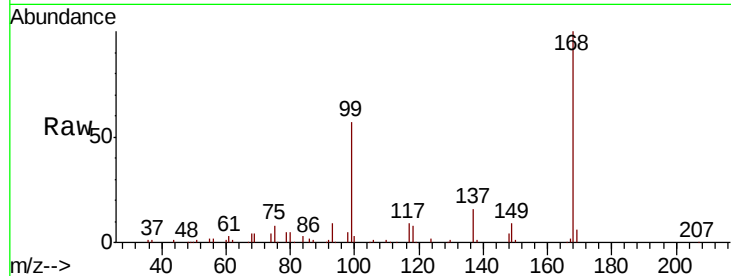
PB127723ZHE#01

Tot Ion:168 Resp: 203246

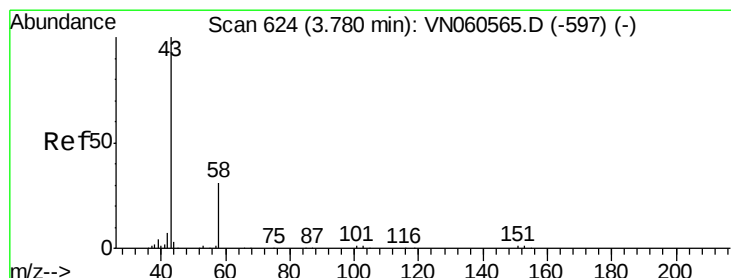
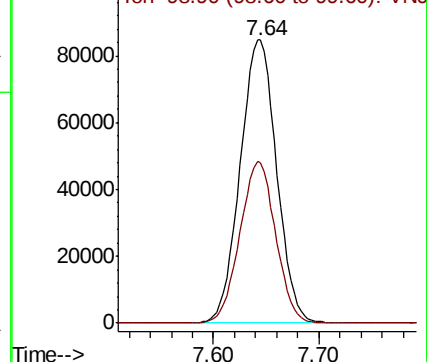
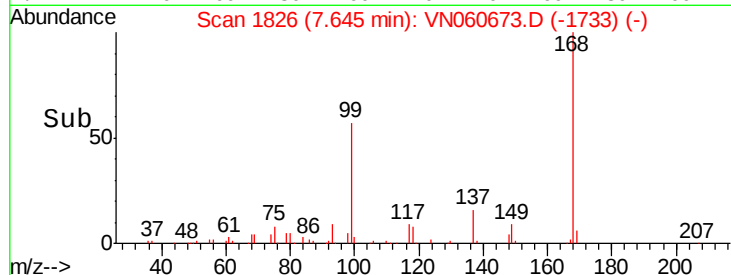
Ion Ratio Lower Upper

168 100

99 56.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060673.D (-1733) (-)



#16

Acetone

Concen: 5.008 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060673.D

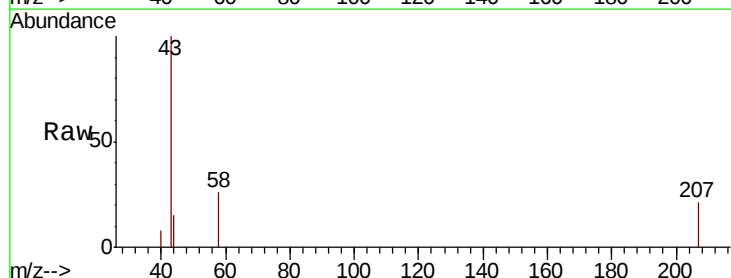
Acq: 24 Mar 2020 15:36

Tgt Ion: 43 Resp: 4949

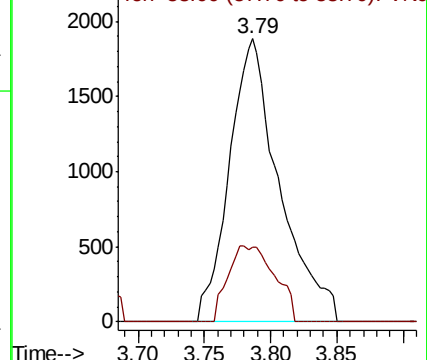
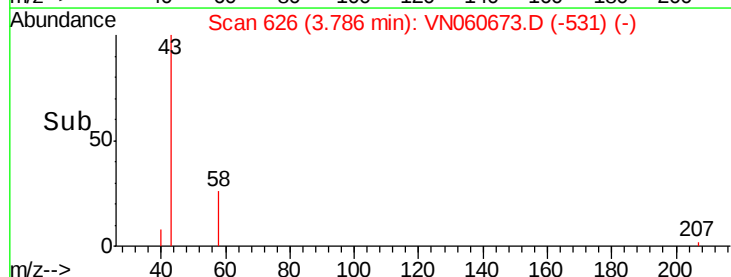
Ion Ratio Lower Upper

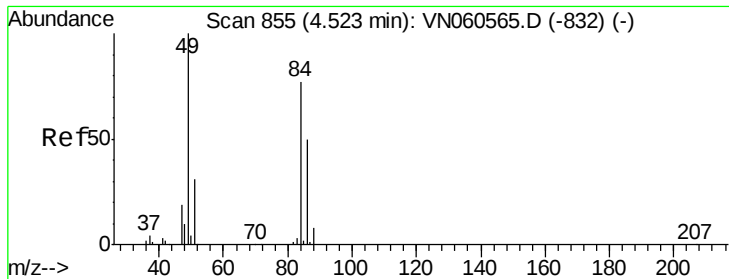
43 100

58 26.3 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060673.D (-531) (-)

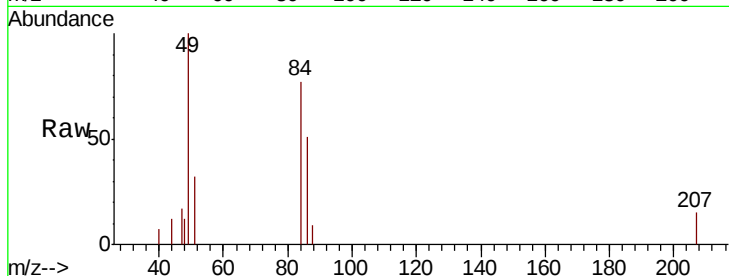




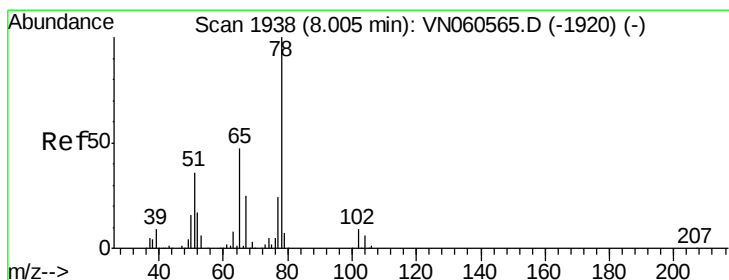
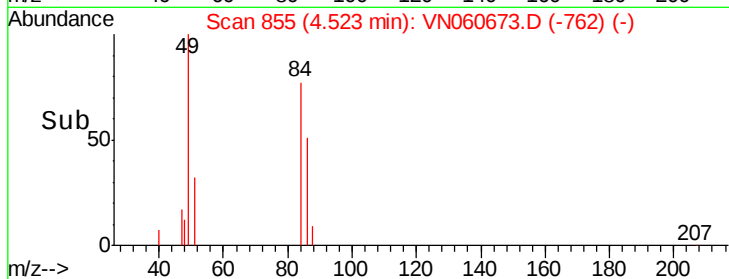
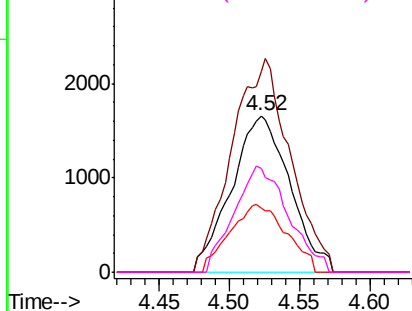
#20
Methylene Chloride
Concen: 1.970 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060673.D
Acq: 24 Mar 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
PB127723ZHE#01

Tot Ion:	84	Resp:	4790
Ion	Ratio	Lower	Upper
84	100		
49	129.0	103.3	154.9
51	41.2	31.6	47.4
86	66.1	52.0	78.0

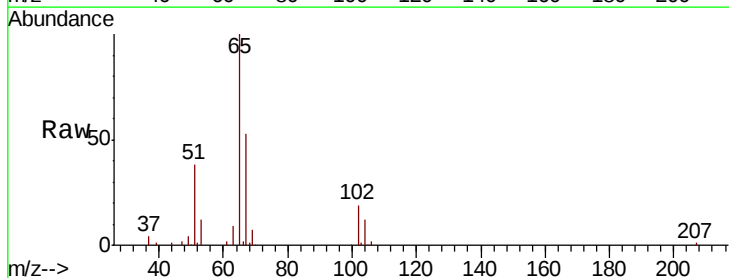


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

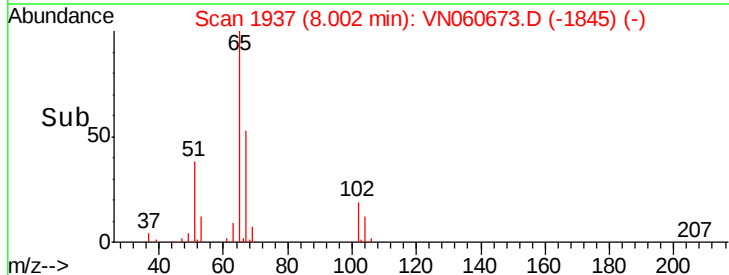
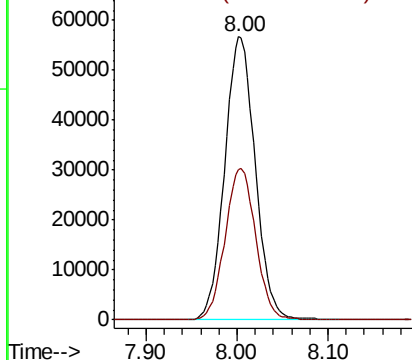


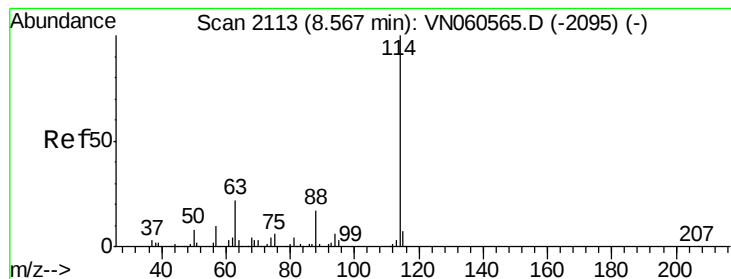
#33
1,2-Dichloroethane-d4
Concen: 47.320 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060673.D
Acq: 24 Mar 2020 15:36

Tgt Ion:	65	Resp:	132029
Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	107.6



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060673.D

Acq: 24 Mar 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

PB127723ZHE#01

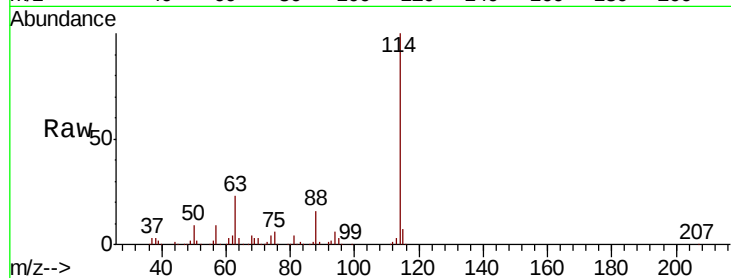
Tot Ion:114 Resp: 339092

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.8

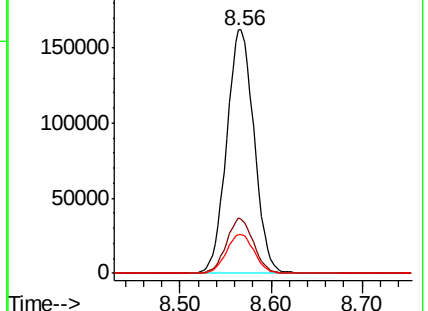
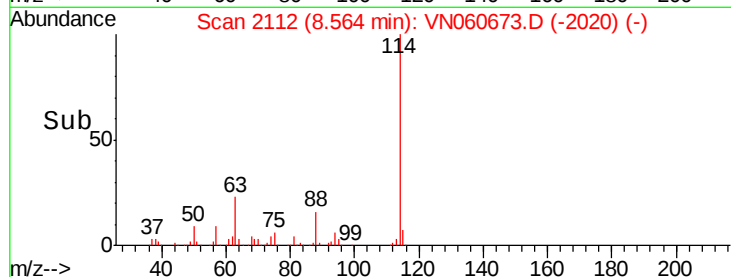
88 16.1 0.0 33.0



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: 48.497 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN060673.D

Acq: 24 Mar 2020 15:36

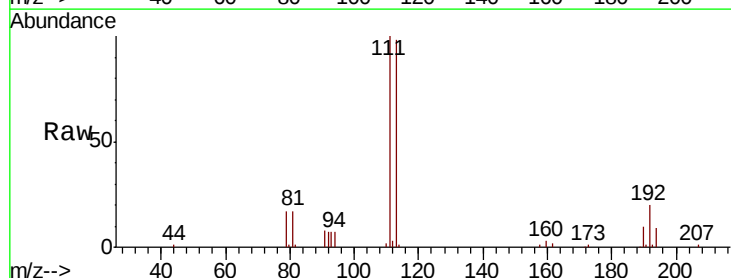
Tgt Ion:113 Resp: 99437

Ion Ratio Lower Upper

113 100

111 103.4 82.9 124.3

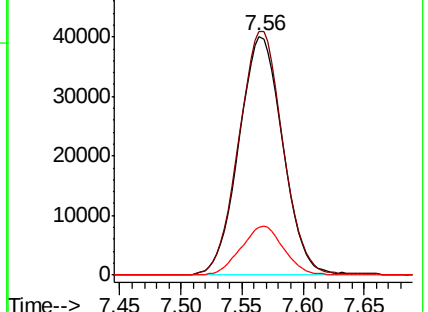
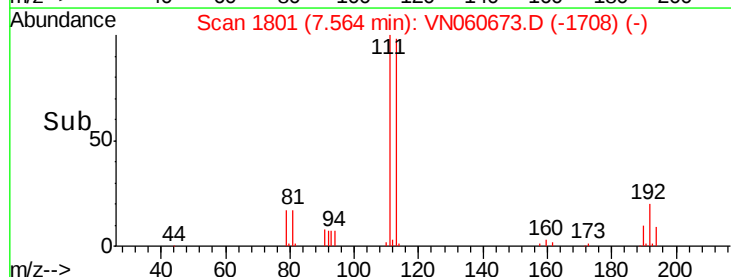
192 20.1 15.8 23.8

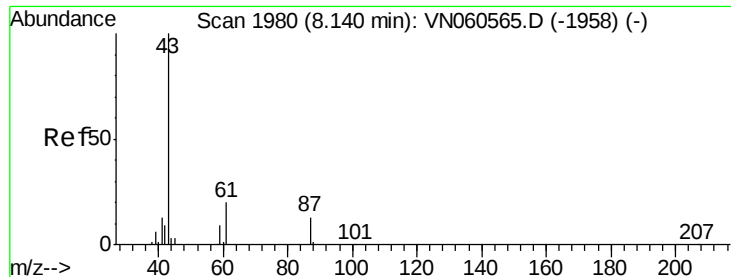


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.105 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060673.D

Acq: 24 Mar 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

PB127723ZHE#01

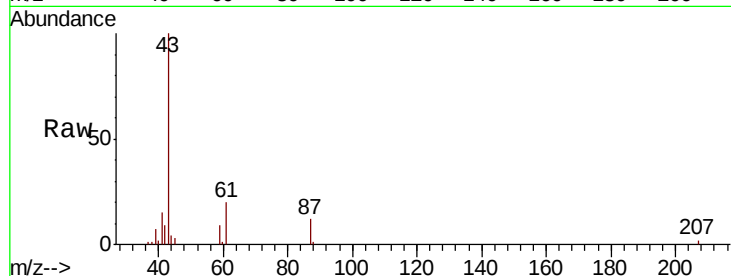
Tot Ion: 43 Resp: 53274

Ion Ratio Lower Upper

43 100

61 19.1 20.7 31.1#

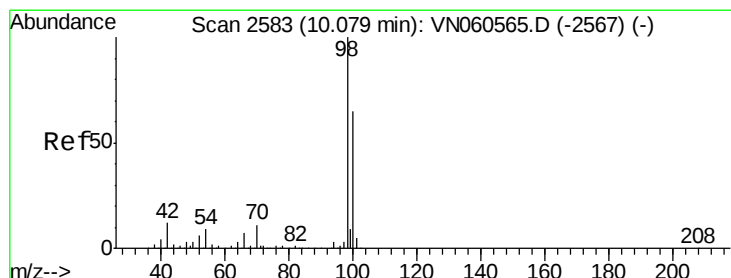
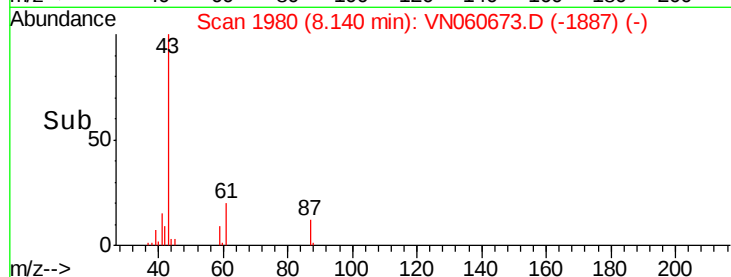
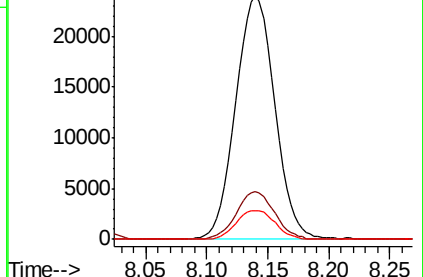
87 11.7 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-1958) (-)

Ion 61.00 (60.70 to 61.70): VN060565.D (-1958) (-)

Ion 87.00 (86.70 to 87.70): VN060565.D (-1958) (-)



#50

Toluene-d8

Concen: 50.016 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060673.D

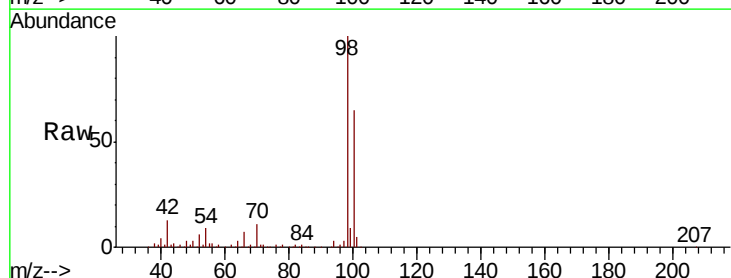
Acq: 24 Mar 2020 15:36

Tgt Ion: 98 Resp: 418882

Ion Ratio Lower Upper

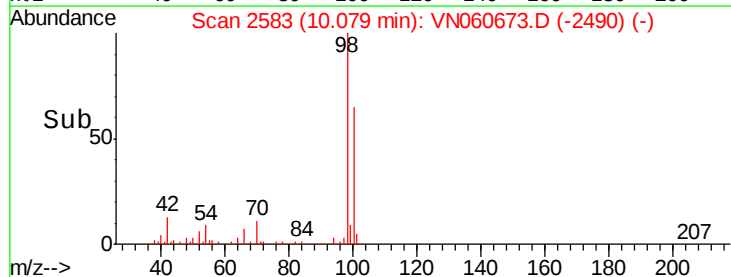
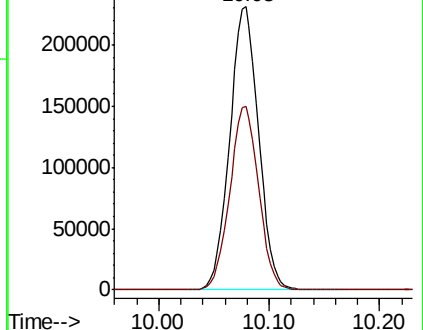
98 100

100 64.8 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060565.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060565.D (-2567) (-)





#62

4-Bromofluorobenzene

Concen: 51.893 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060673.D

Acq: 24 Mar 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

PB127723ZHE#01

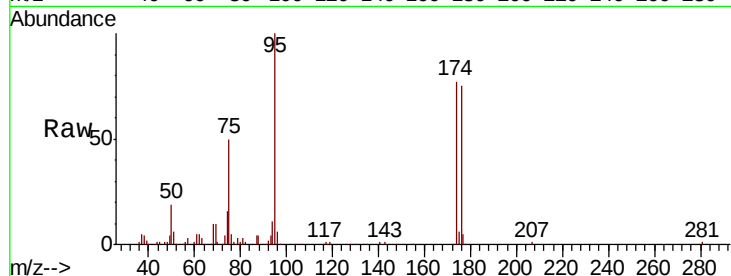
Tot Ion: 95 Resp: 159276

Ion Ratio Lower Upper

95 100

174 77.5 0.0 157.6

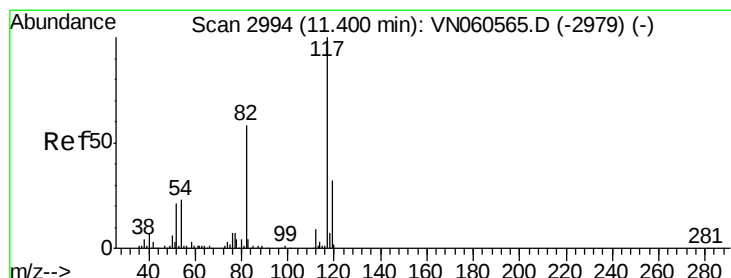
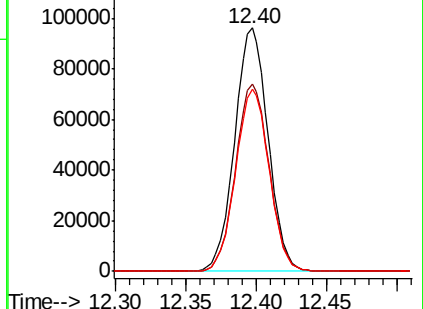
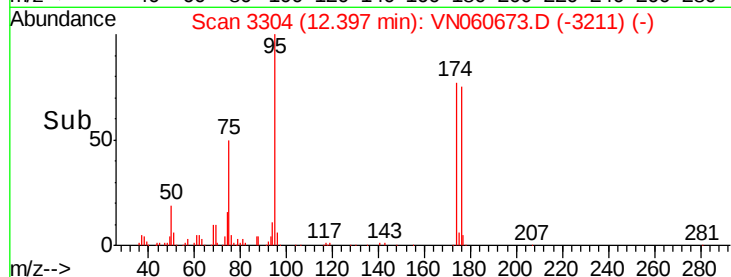
176 75.3 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060673.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060673.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060673.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060673.D

Acq: 24 Mar 2020 15:36

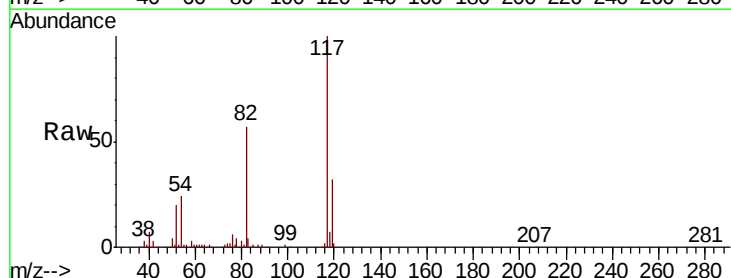
Tgt Ion: 117 Resp: 321101

Ion Ratio Lower Upper

117 100

82 57.3 46.7 70.1

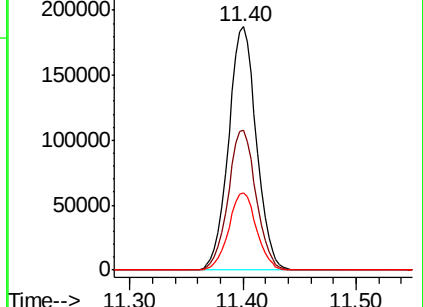
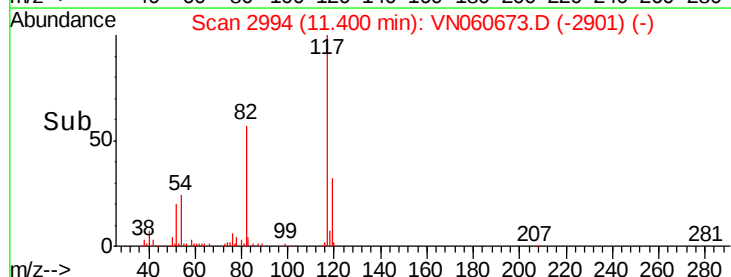
119 32.0 25.5 38.3

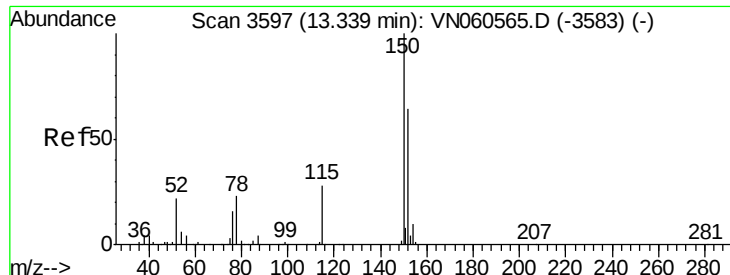


Abundance Ion 116.90 (116.60 to 117.60): VN060673.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060673.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060673.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: VN060673.D

Acq: 24 Mar 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

PB127723ZHE#01

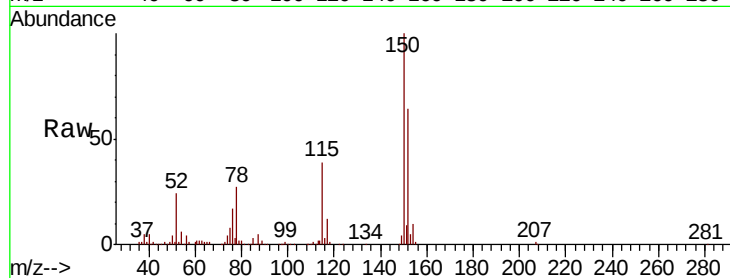
Tot Ion:152 Resp: 148391

Ion Ratio Lower Upper

152 100

115 60.0 30.2 90.6

150 155.7 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

