

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031720\
 Data File : VN060552.D
 Acq On : 17 Mar 2020 13:33
 Operator : JC/MD
 Sample : L1943-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 J+B-2A

Quant Time: Mar 18 07:12:43 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

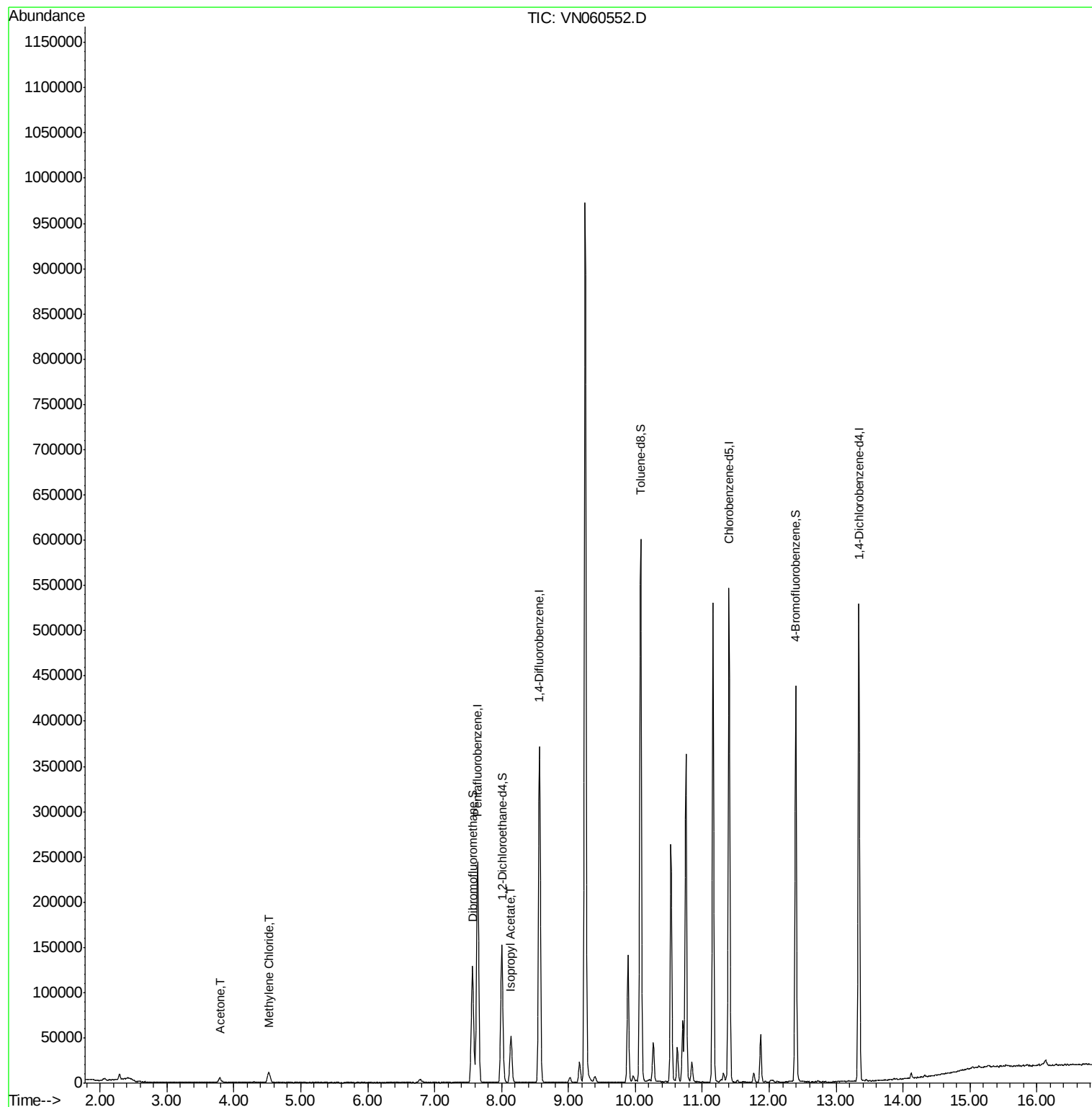
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	200773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	333754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	309450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	138436	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	129863	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.82%	
35) Dibromofluoromethane	7.57	113	98646	63.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.36%	
50) Toluene-d8	10.08	98	408889	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
62) 4-Bromofluorobenzene	12.40	95	152492	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
Target Compounds						
16) Acetone	3.79	43	9813	11.797	ug/l	100
20) Methylene Chloride	4.52	84	9237	4.043	ug/l	98
43) Isopropyl Acetate	8.14	43	62043	11.767	ug/l #	91

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

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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# 1825

Delta R.T. -0.00 min

Lab File: VN060552.D

Acq: 17 Mar 2020 13:33

Instrument :

MSVOA_N

ClientSampleId :

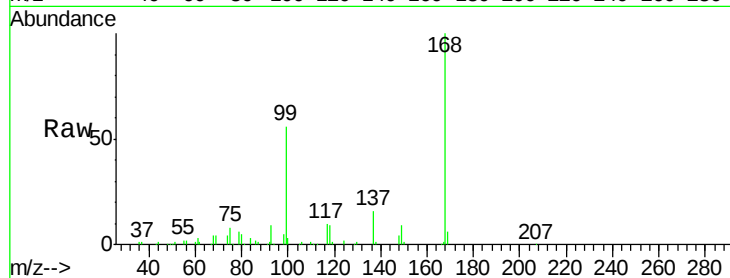
J+B-2A

Tot Ion:168 Resp: 200773

Ion Ratio Lower Upper

168 100

99 56.4 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

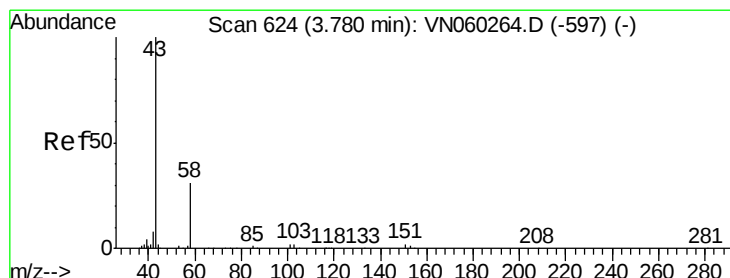
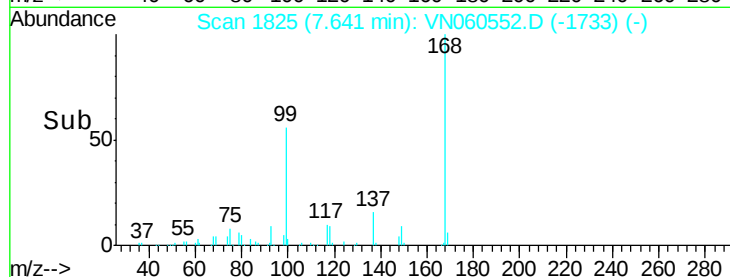
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 11.797 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060552.D

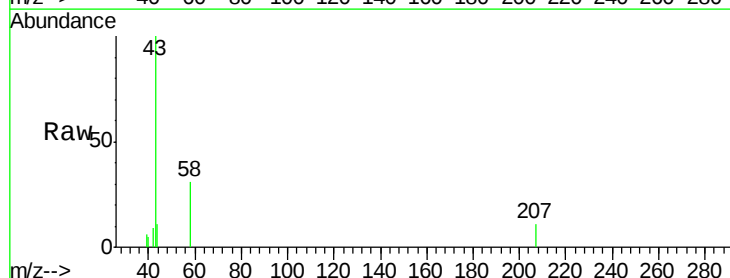
Acq: 17 Mar 2020 13:33

Tgt Ion: 43 Resp: 9813

Ion Ratio Lower Upper

43 100

58 30.8 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

4000

3000

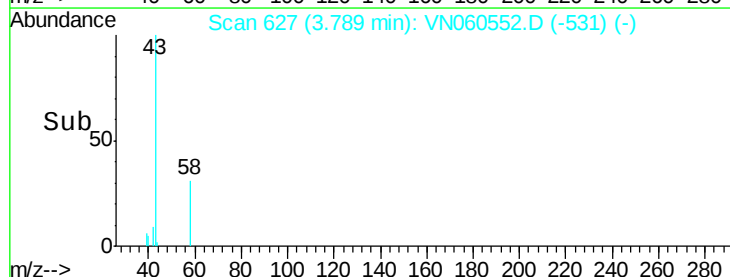
2000

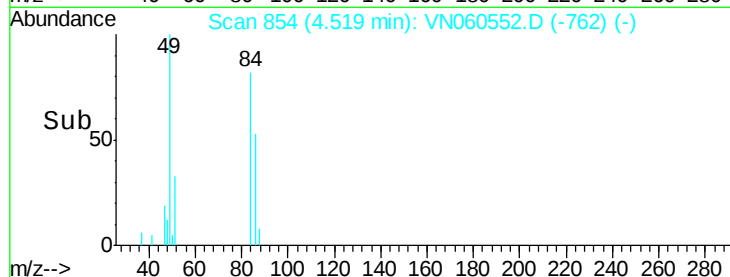
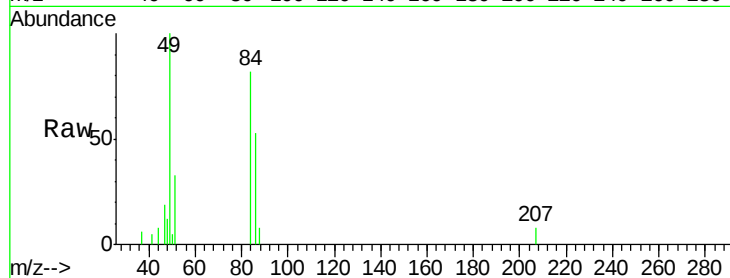
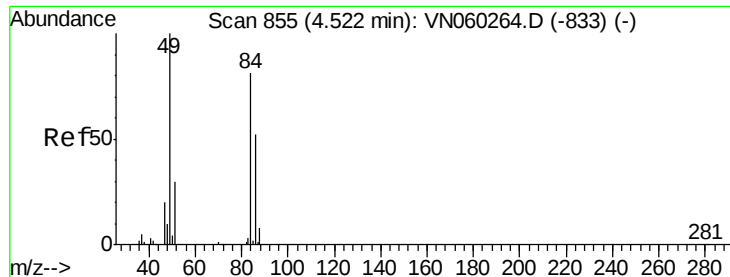
1000

0

3.70 3.75 3.80 3.85

Time-->

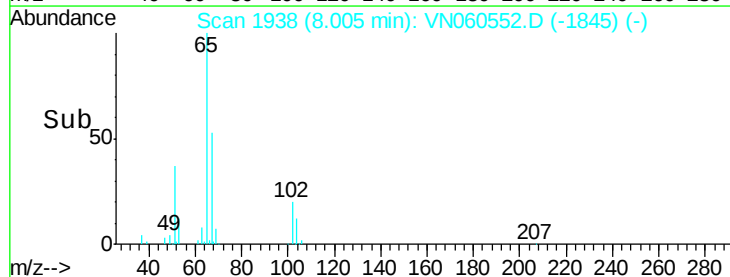
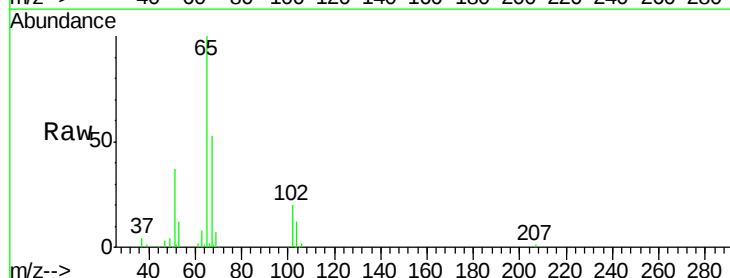
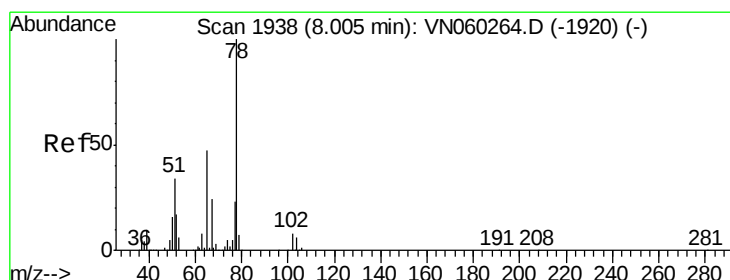
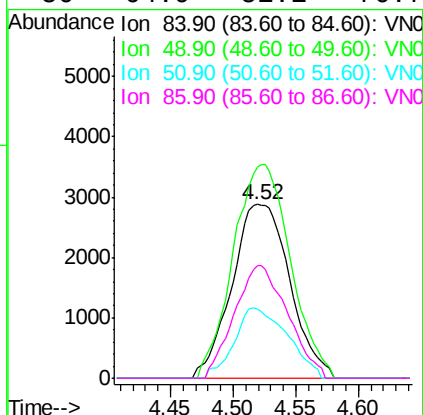




#20
Methylene Chloride
Concen: 4.043 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060552.D
Acq: 17 Mar 2020 13:33

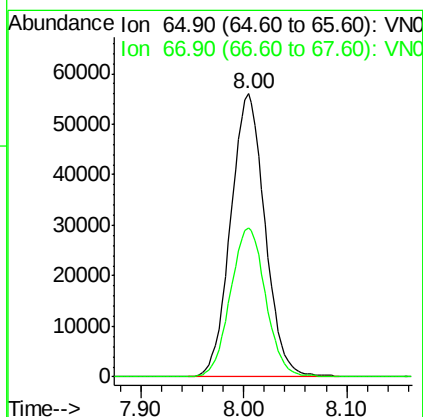
Instrument :
MSVOA_N
ClientSampled :
J+B-2A

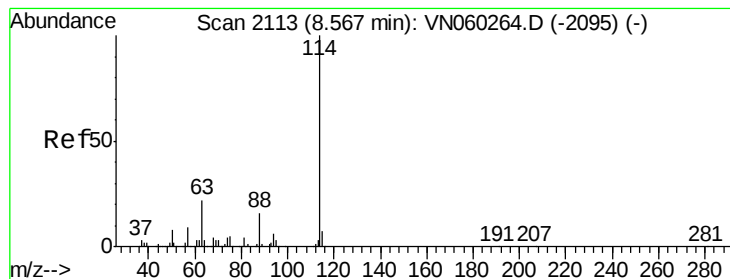
Tot Ion:	84	Resp:	9237
Ion	Ratio	Lower	Upper
84	100		
49	121.5	99.3	148.9
51	39.9	30.1	45.1
86	64.9	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.414 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060552.D
Acq: 17 Mar 2020 13:33

Tgt Ion:	65	Resp:	129863
Ion	Ratio	Lower	Upper
65	100		
67	53.9	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: VN060552.D

Acq: 17 Mar 2020 13:33

Instrument :

MSVOA_N

ClientSampleId :

J+B-2A

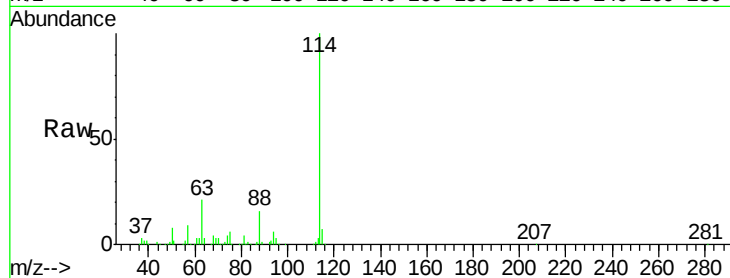
Tot Ion:114 Resp: 333754

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.2

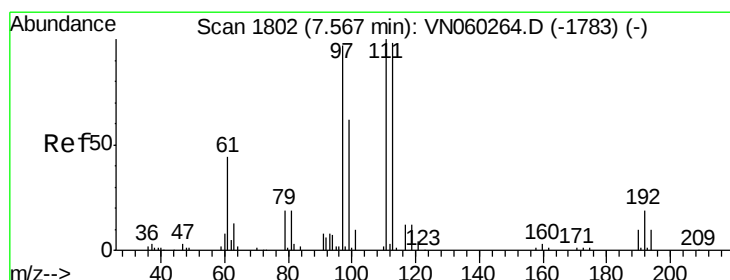
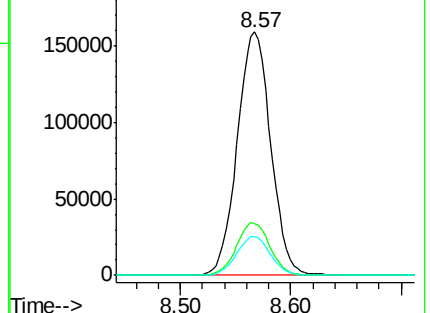
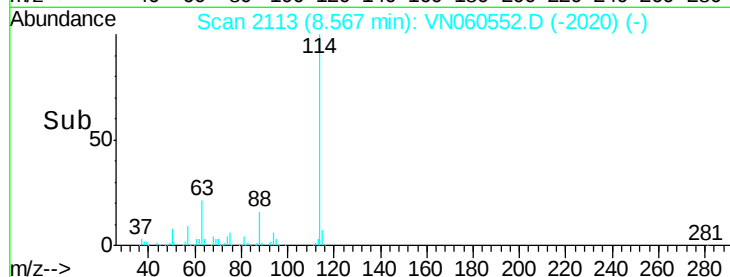
88 16.2 0.0 31.6



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: 63.676 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060552.D

Acq: 17 Mar 2020 13:33

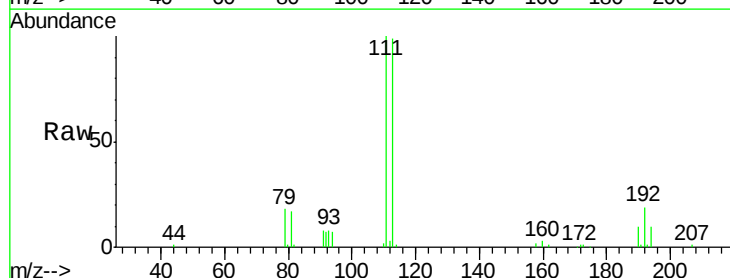
Tgt Ion:113 Resp: 98646

Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

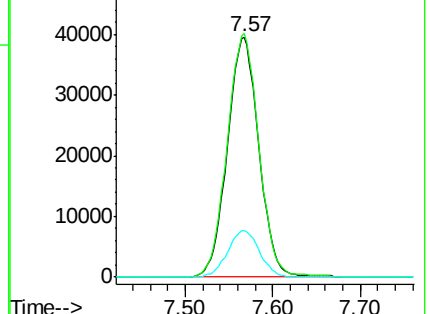
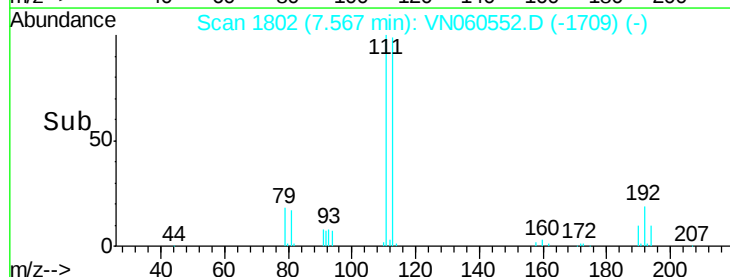
192 19.7 16.2 24.2

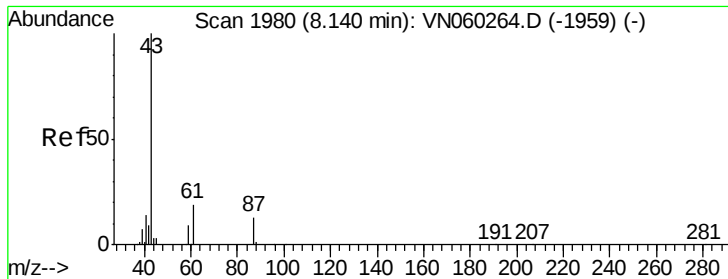


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



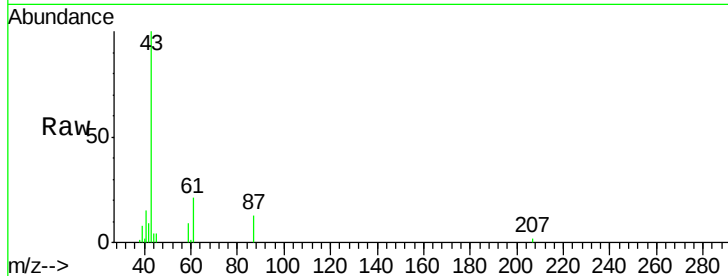


#43

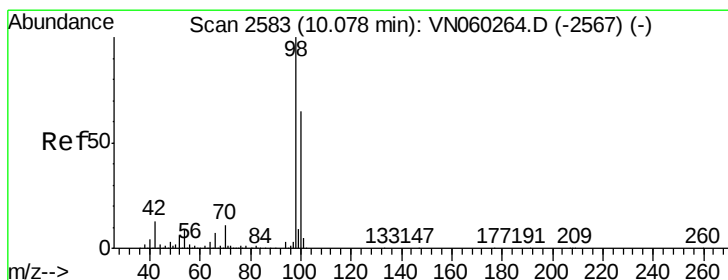
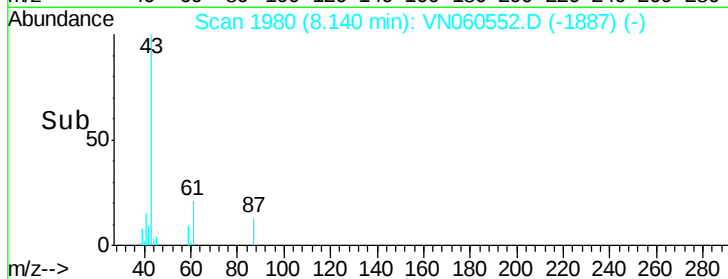
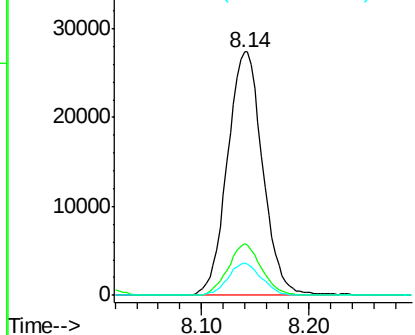
Isopropyl Acetate
 Concen: 11.767 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: VN060552.D
 Acq: 17 Mar 2020 13:33

Instrument :
 MSVOA_N
 ClientSampled :
 J+B-2A

Tot Ion	43	Resp	62043
Ion Ratio	Lower	Upper	
43	100		
61	19.9	20.9	31.3#
87	12.4	10.6	16.0



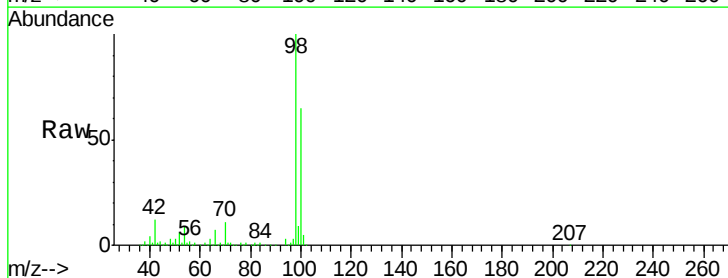
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



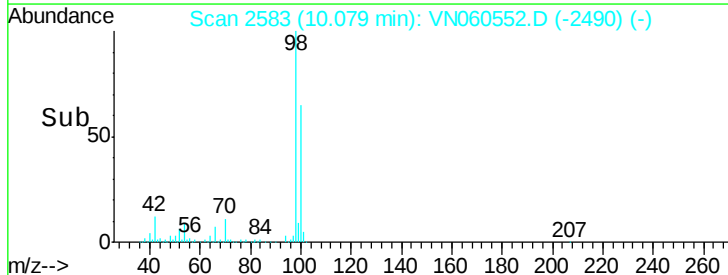
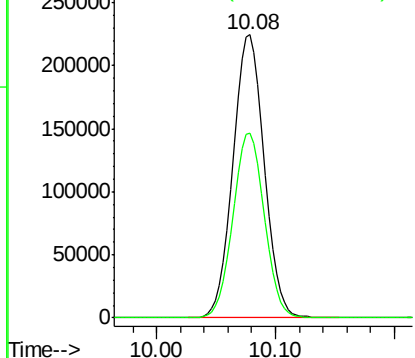
#50

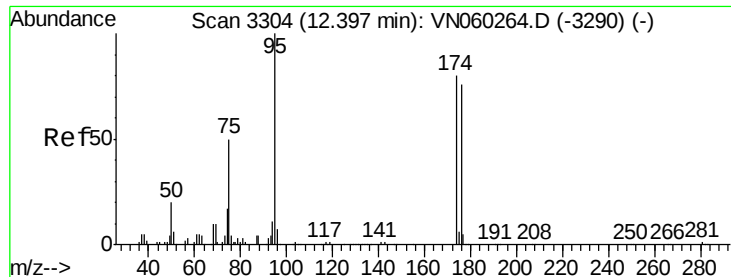
Toluene-d8
 Concen: 52.150 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. 0.00 min
 Lab File: VN060552.D
 Acq: 17 Mar 2020 13:33

Tgt Ion	98	Resp	408889
Ion Ratio	Lower	Upper	
98	100		
100	65.5	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 51.307 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060552.D

Acq: 17 Mar 2020 13:33

Instrument :

MSVOA_N

ClientSampleId :

J+B-2A

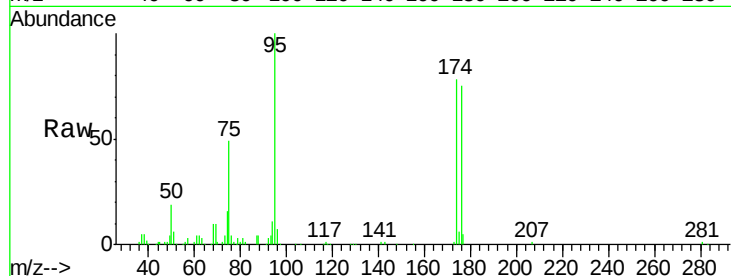
Tot Ion: 95 Resp: 152492

Ion Ratio Lower Upper

95 100

174 77.8 0.0 159.2

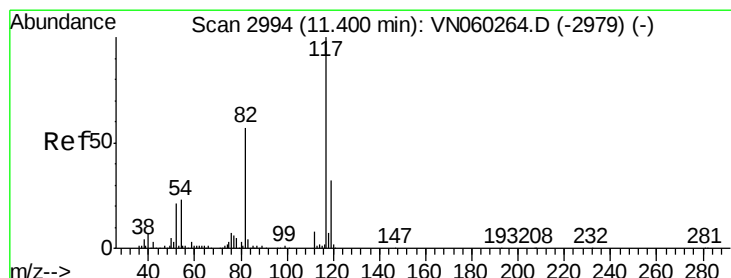
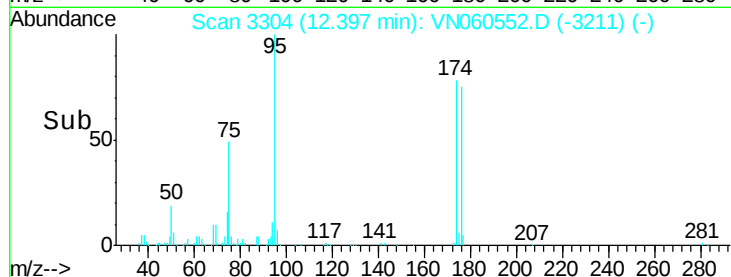
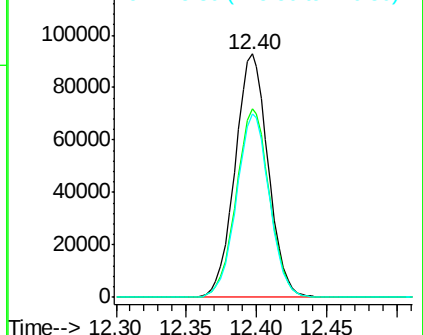
176 74.9 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN060552.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060552.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060552.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060552.D

Acq: 17 Mar 2020 13:33

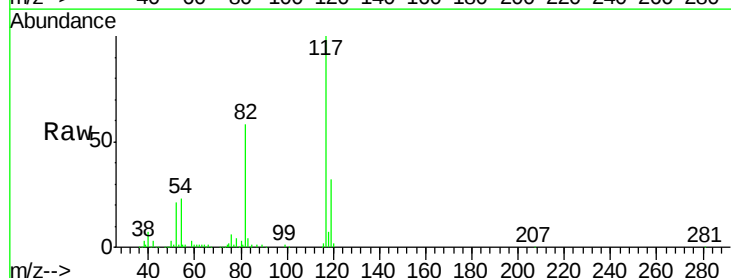
Tgt Ion: 117 Resp: 309450

Ion Ratio Lower Upper

117 100

82 57.7 45.8 68.6

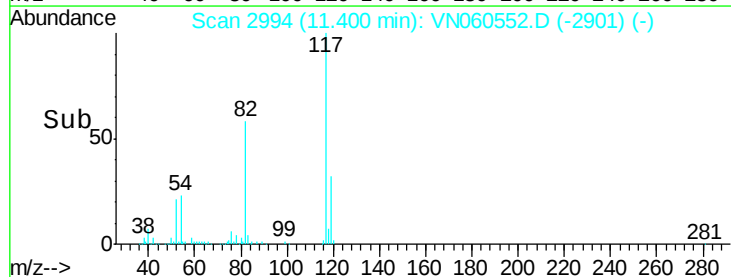
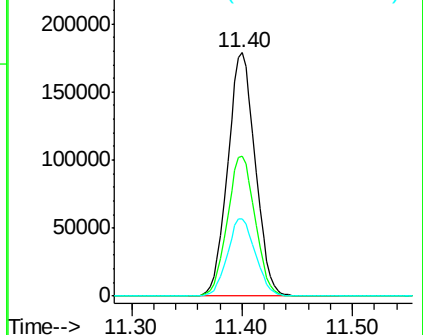
119 31.9 25.8 38.8

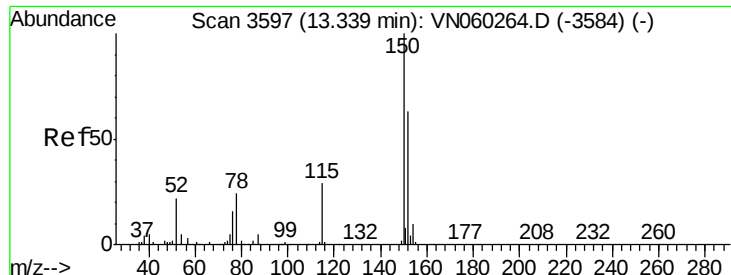


Abundance Ion 116.90 (116.60 to 117.60): VN060552.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060552.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060552.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: VN060552.D

Acq: 17 Mar 2020 13:33

Instrument :

MSVOA_N

ClientSampleId :

J+B-2A

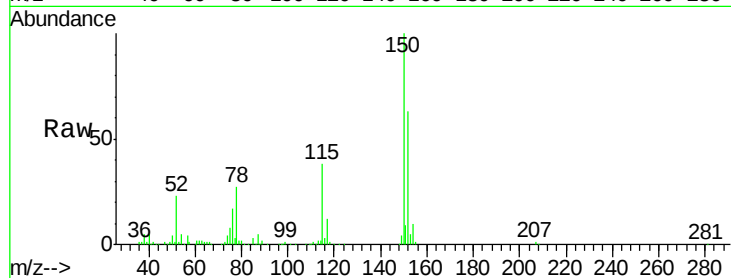
Tot Ion:152 Resp: 138436

Ion Ratio Lower Upper

152 100

115 60.9 30.0 90.0

150 157.4 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

