

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031720\
 Data File : VN060550.D
 Acq On : 17 Mar 2020 12:47
 Operator : JC/MD
 Sample : L1943-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-8A

Quant Time: Mar 18 07:08:09 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

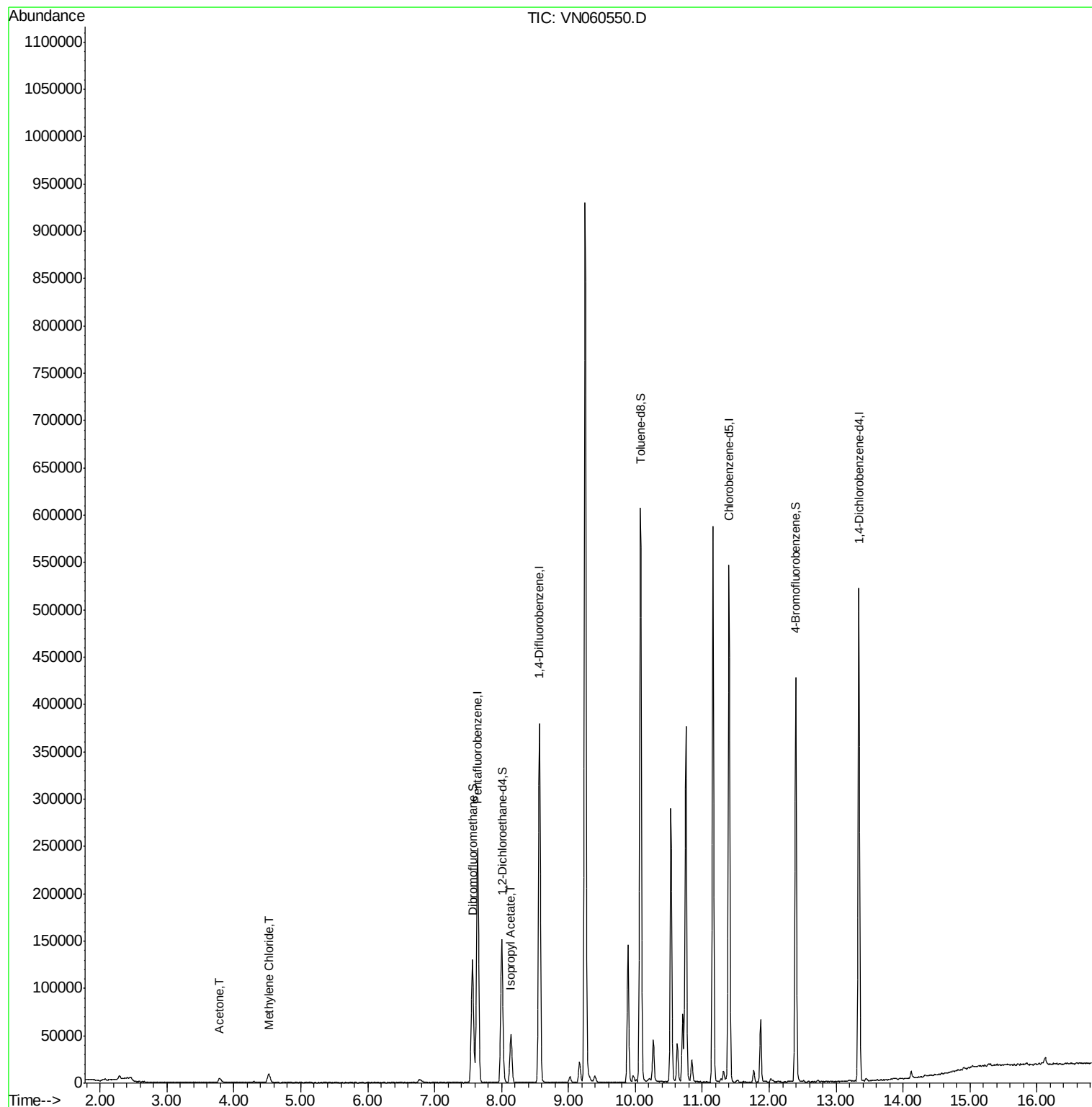
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	202287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	335595	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	309674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	136043	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	129983	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
35) Dibromofluoromethane	7.56	113	98469	63.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.42%	
50) Toluene-d8	10.08	98	415580	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.40	95	151323	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
Target Compounds						
16) Acetone	3.79	43	8767	10.460	ug/l	96
20) Methylene Chloride	4.53	84	6891	2.994	ug/l	97
43) Isopropyl Acetate	8.14	43	61901	11.675	ug/l #	91

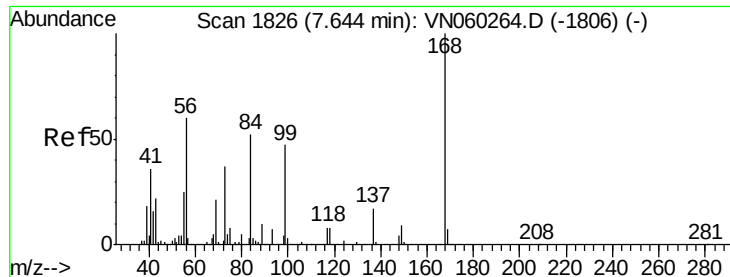
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060550.D

Acq: 17 Mar 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

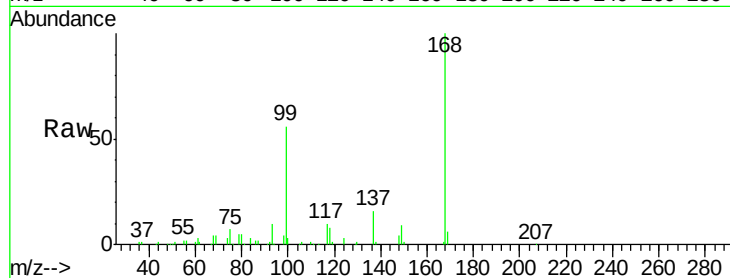
TP-8A

Tot Ion:168 Resp: 202287

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): VN0

7.64

80000

60000

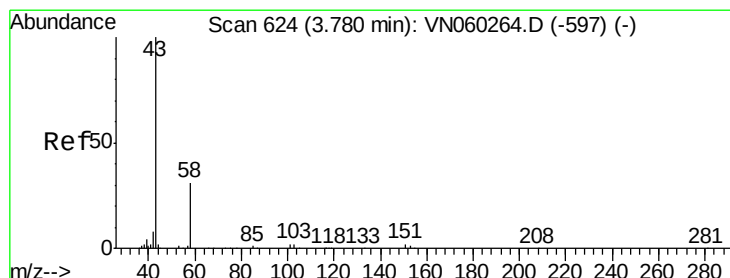
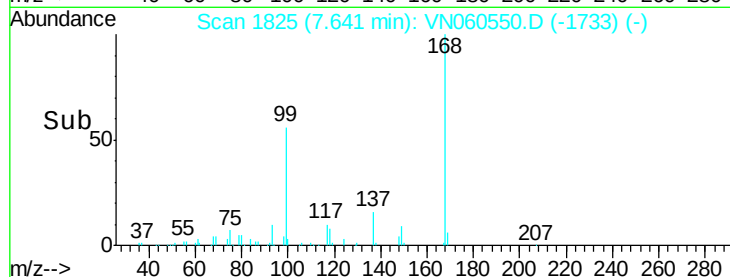
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#16

Acetone

Concen: 10.460 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060550.D

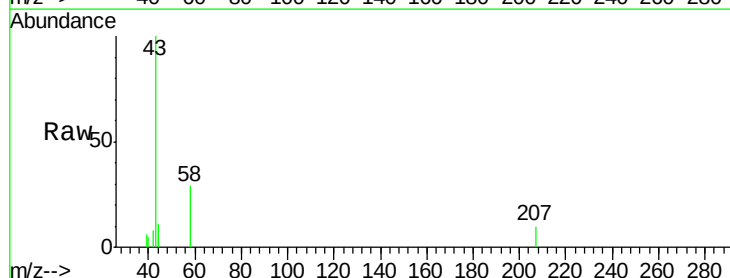
Acq: 17 Mar 2020 12:47

Tgt Ion: 43 Resp: 8767

Ion Ratio Lower Upper

43 100

58 28.6 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

3000

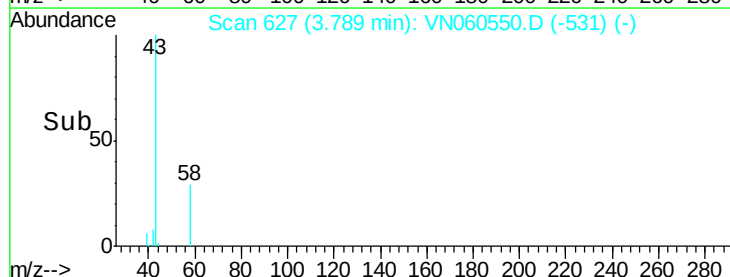
2000

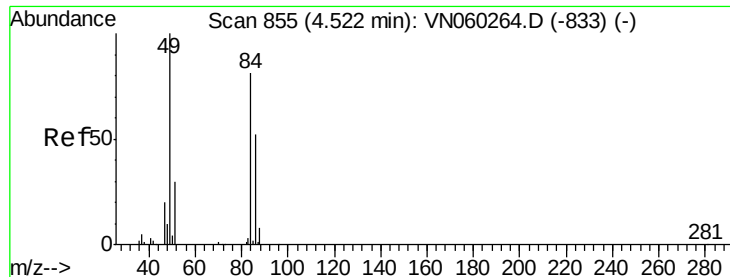
1000

0

3.70 3.75 3.80 3.85

Time-->

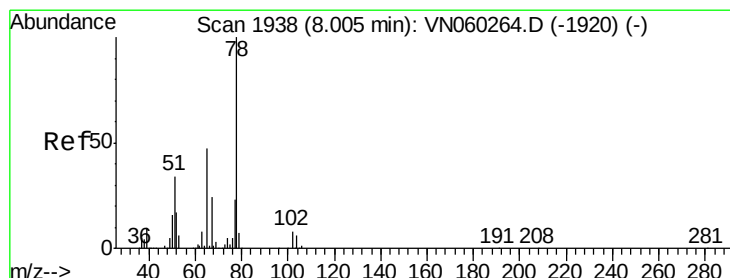
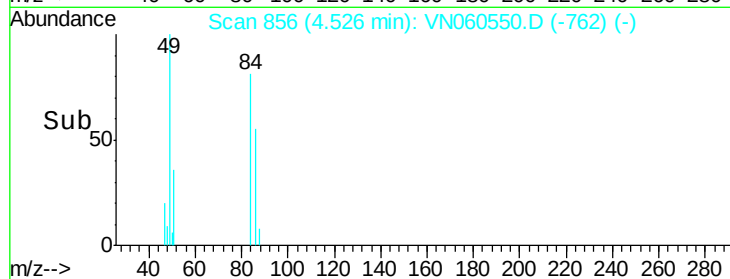
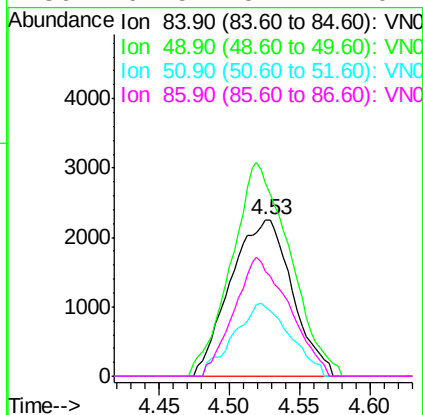
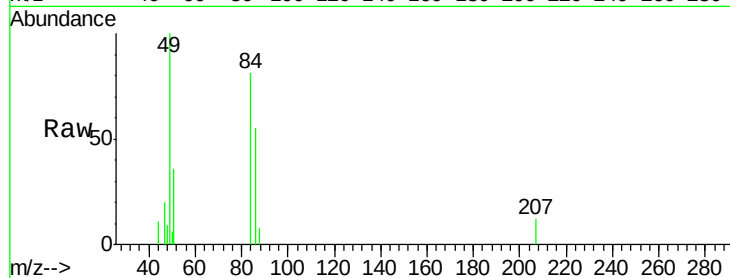




#20
Methylene Chloride
Concen: 2.994 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060550.D
Acq: 17 Mar 2020 12:47

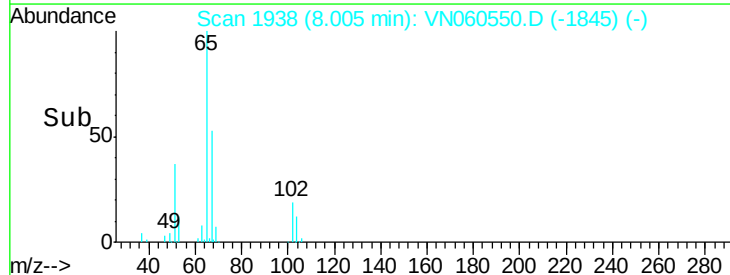
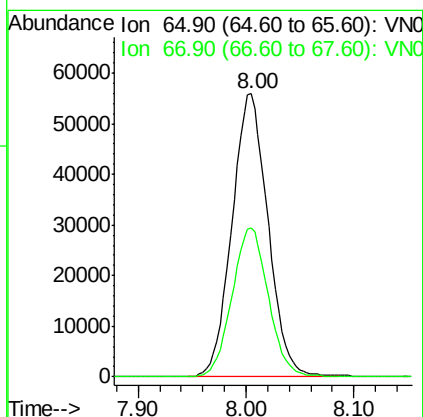
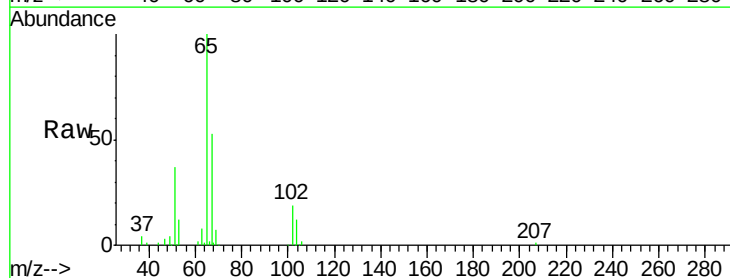
Instrument :
MSVOA_N
ClientSampled :
TP-8A

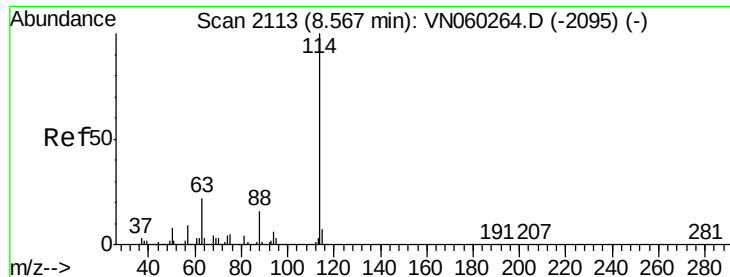
Tot Ion:	84	Resp:	6891
Ion	Ratio	Lower	Upper
84	100		
49	123.7	99.3	148.9
51	44.5	30.1	45.1
86	67.5	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.083 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060550.D
Acq: 17 Mar 2020 12:47

Tgt Ion:	65	Resp:	129983
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	103.8

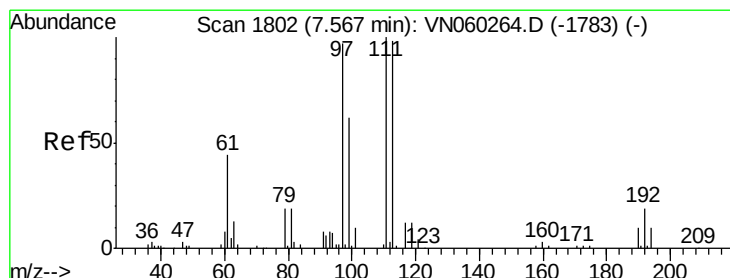
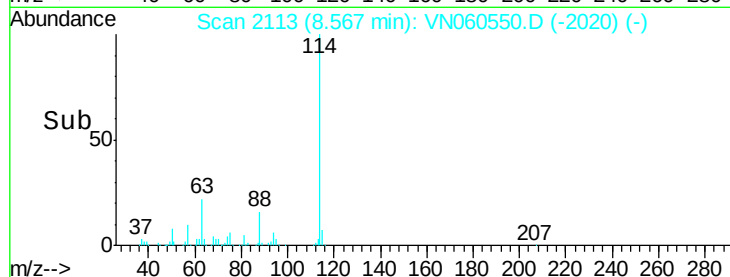
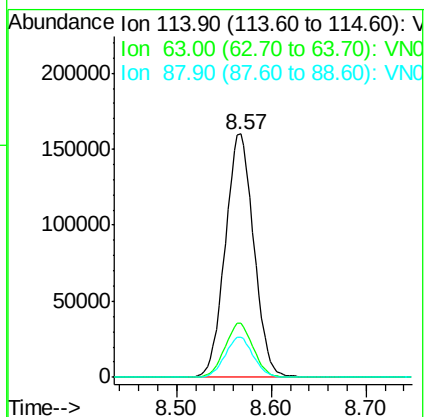
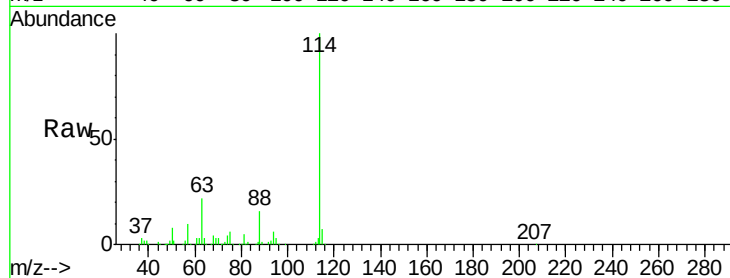




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN060550.D
Acq: 17 Mar 2020 12:47

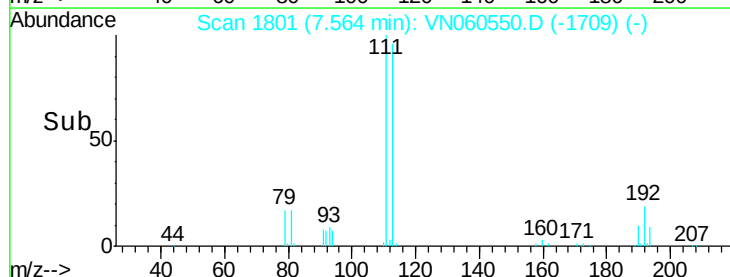
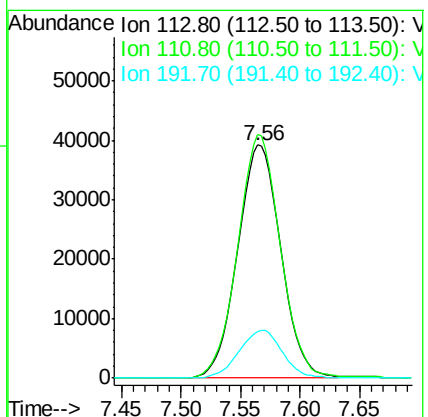
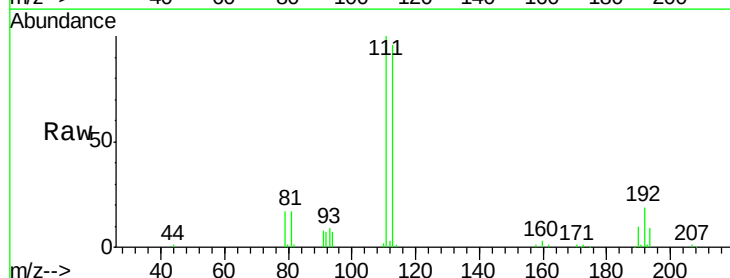
Instrument :
MSVOA_N
ClientSampleId :
TP-8A

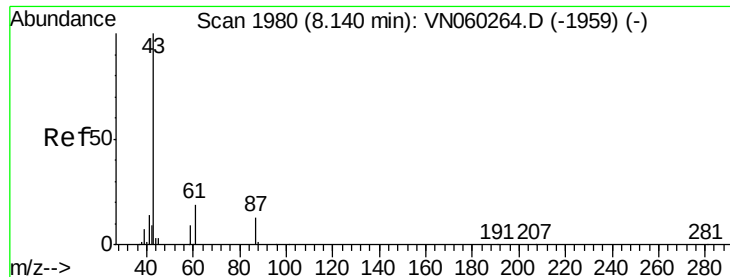
Tot Ion:114 Resp: 335595
Ion Ratio Lower Upper
114 100
63 22.2 0.0 43.2
88 16.5 0.0 31.6



#35
Dibromofluoromethane
Concen: 63.213 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN060550.D
Acq: 17 Mar 2020 12:47

Tgt Ion:113 Resp: 98469
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 20.5 16.2 24.2





#43

Isopropyl Acetate

Concen: 11.675 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060550.D

Acq: 17 Mar 2020 12:47

Instrument :

MSVOA_N

ClientSampled :

TP-8A

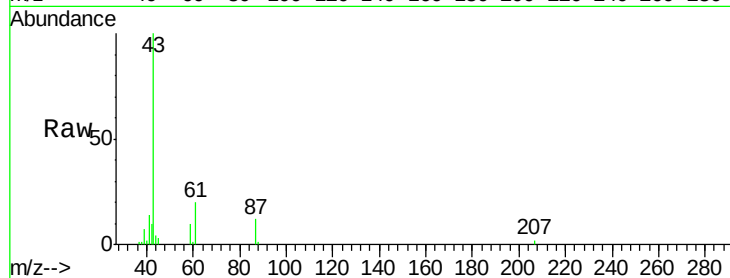
Tot Ion: 43 Resp: 61901

Ion Ratio Lower Upper

43 100

61 19.6 20.9 31.3#

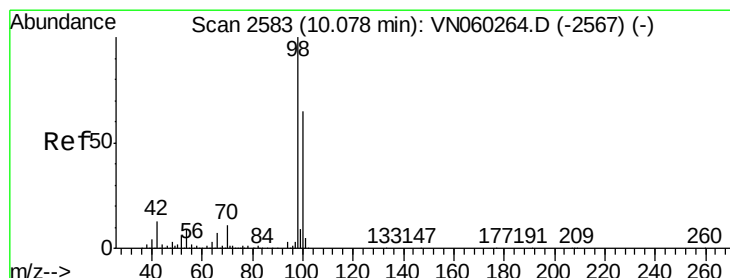
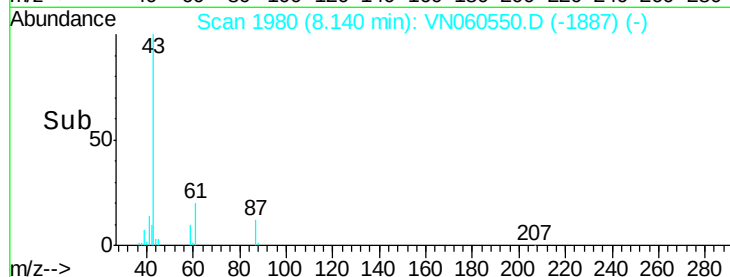
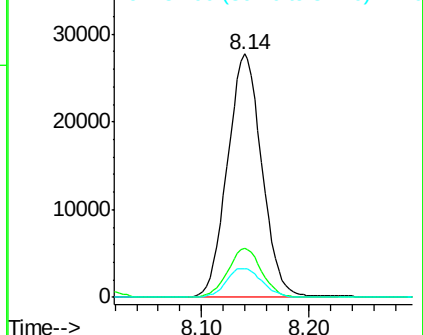
87 12.2 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060264.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060264.D (-1959) (-)



#50

Toluene-d8

Concen: 52.713 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060550.D

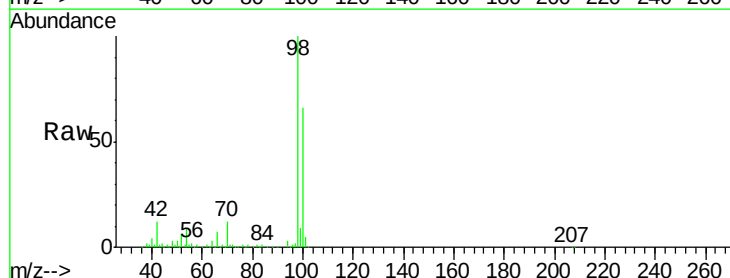
Acq: 17 Mar 2020 12:47

Tgt Ion: 98 Resp: 415580

Ion Ratio Lower Upper

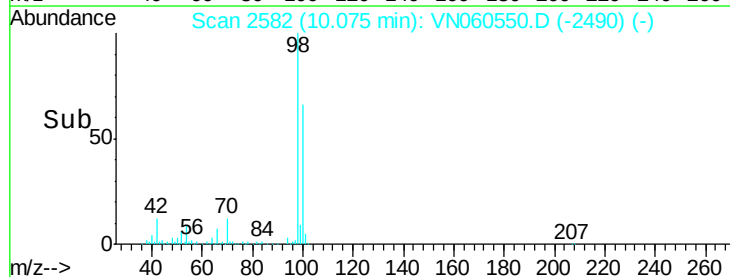
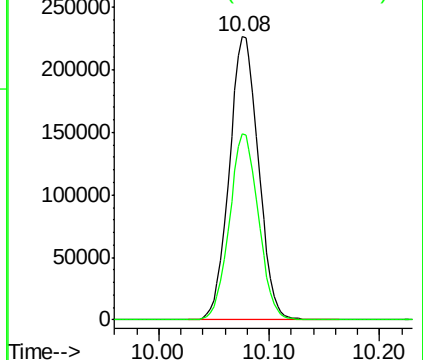
98 100

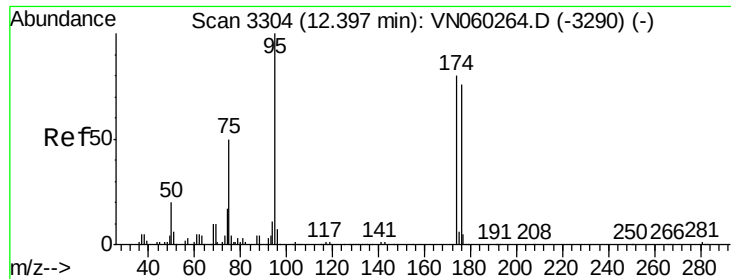
100 65.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060264.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060264.D (-2567) (-)





#62

4-Bromofluorobenzene

Concen: 50.634 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060550.D

Acq: 17 Mar 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

TP-8A

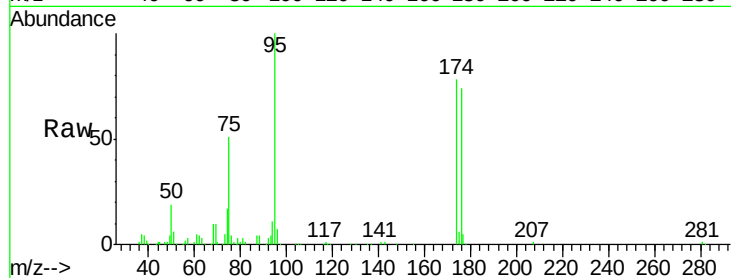
Tot Ion: 95 Resp: 151323

Ion Ratio Lower Upper

95 100

174 77.2 0.0 159.2

176 74.5 0.0 153.8

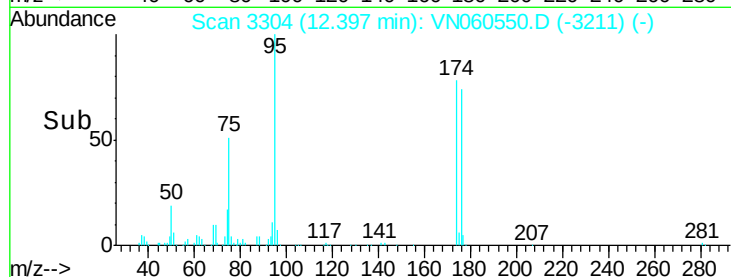


Abundance Ion 94.90 (94.60 to 95.60): VN060550.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060550.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060550.D (-3211) (-)

Time--> 12.30 12.35 12.40 12.45

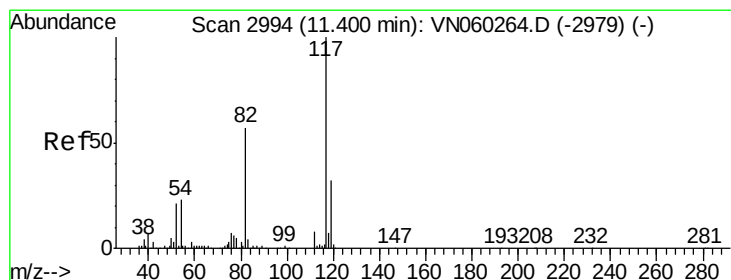


Abundance Ion 94.90 (94.60 to 95.60): VN060550.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060550.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060550.D (-3211) (-)

Time--> 12.30 12.35 12.40 12.45



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060550.D

Acq: 17 Mar 2020 12:47

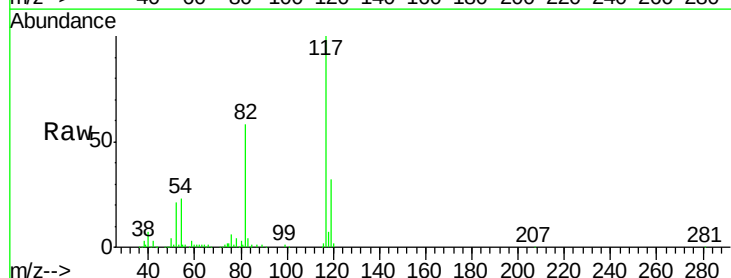
Tgt Ion: 117 Resp: 309674

Ion Ratio Lower Upper

117 100

82 58.1 45.8 68.6

119 32.2 25.8 38.8

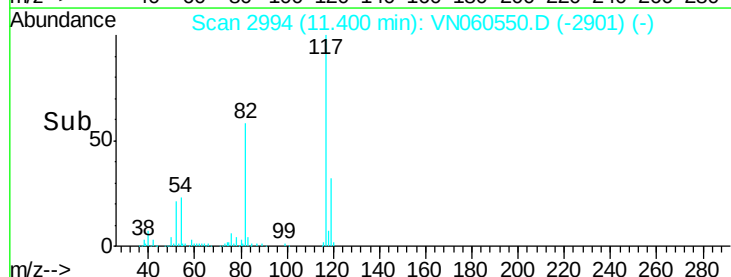


Abundance Ion 116.90 (116.60 to 117.60): VN060550.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060550.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060550.D (-2901) (-)

Time--> 11.30 11.40 11.50

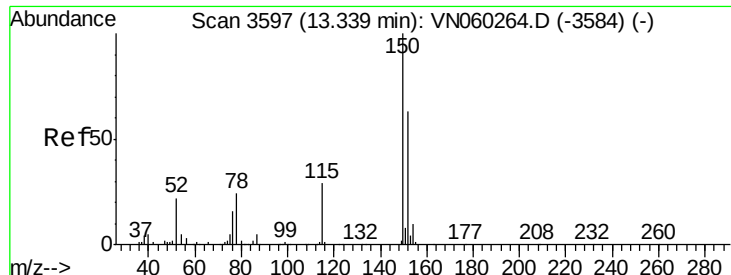


Abundance Ion 116.90 (116.60 to 117.60): VN060550.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060550.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060550.D (-2901) (-)

Time--> 11.30 11.40 11.50



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060550.D

Acq: 17 Mar 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

TP-8A

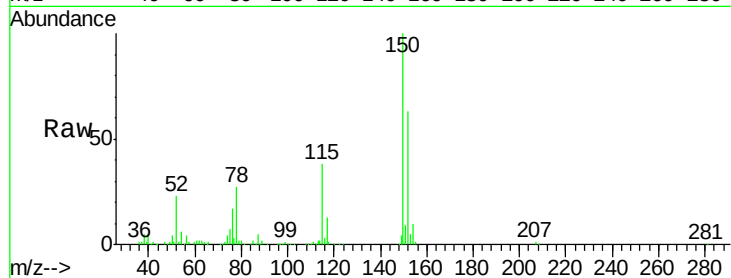
Tot Ion:152 Resp: 136043

Ion Ratio Lower Upper

152 100

115 60.4 30.0 90.0

150 157.9 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

