

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031120\
 Data File : VN060455.D
 Acq On : 11 Mar 2020 17:05
 Operator : JC/MD
 Sample : L1871-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-18-DA

Quant Time: Mar 12 04:34:12 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

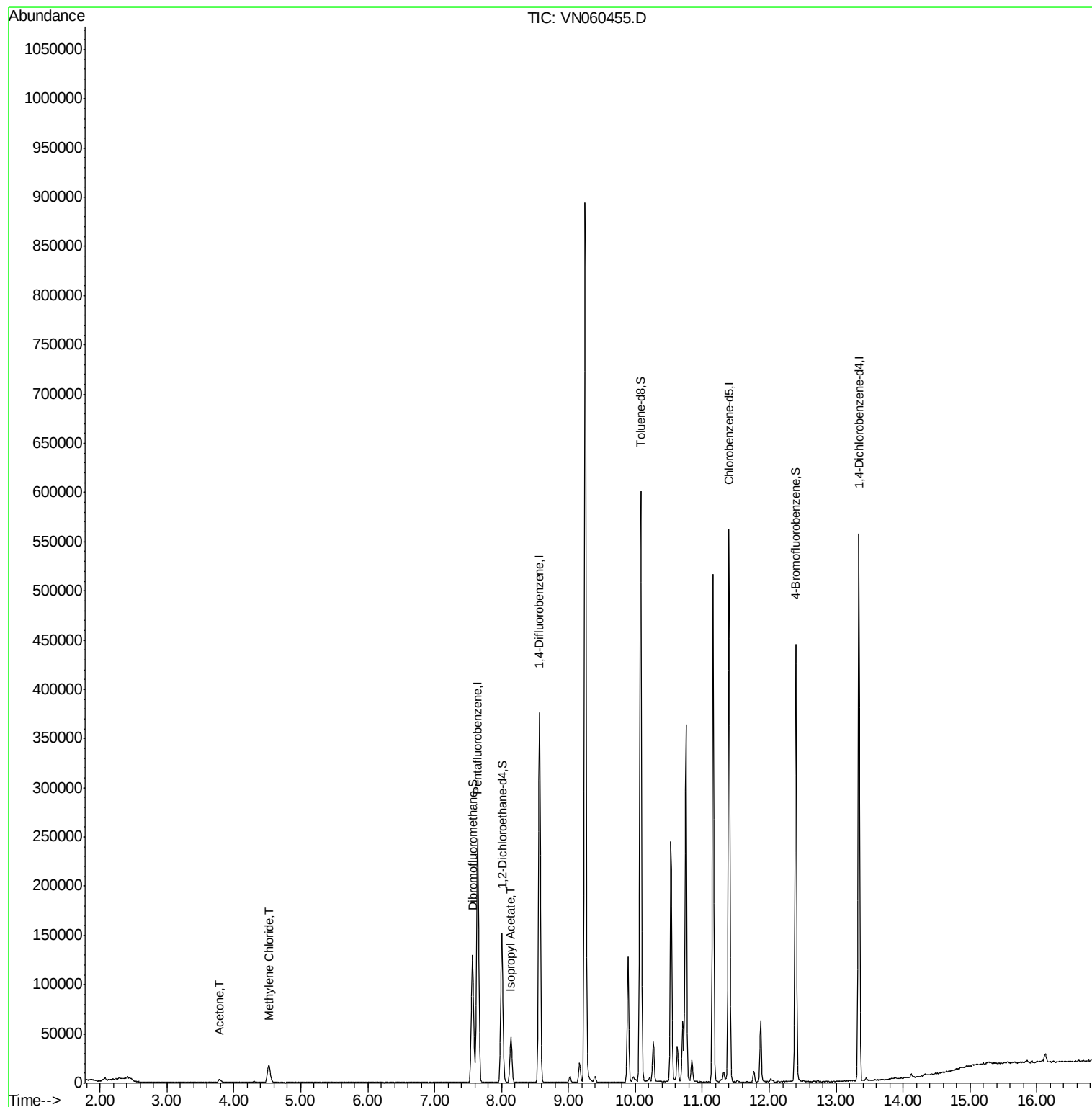
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	200131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	332604	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	315973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	145089	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	131566	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
35) Dibromofluoromethane	7.57	113	97562	63.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.38%	
50) Toluene-d8	10.08	98	410113	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.98%	
62) 4-Bromofluorobenzene	12.40	95	154744	52.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.48%	
Target Compounds						
16) Acetone	3.79	43	6145	7.411	ug/l	92
20) Methylene Chloride	4.53	84	13649	5.994	ug/l	97
43) Isopropyl Acetate	8.14	43	54488	10.370	ug/l #	90

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

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QLast Update : Thu Feb 27 13:52:50 2020
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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: VN060455.D

Acq: 11 Mar 2020 17:05

Instrument :

MSVOA_N

ClientSampleId :

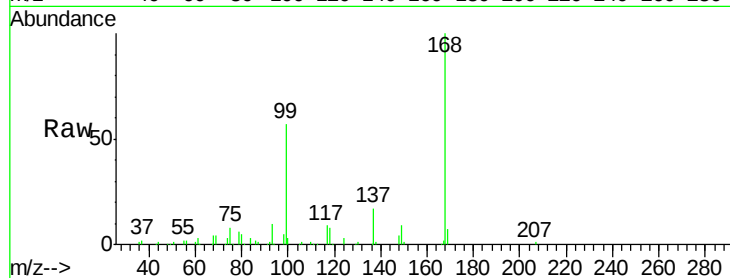
TP-18-DA

Tot Ion:168 Resp: 200131

Ion Ratio Lower Upper

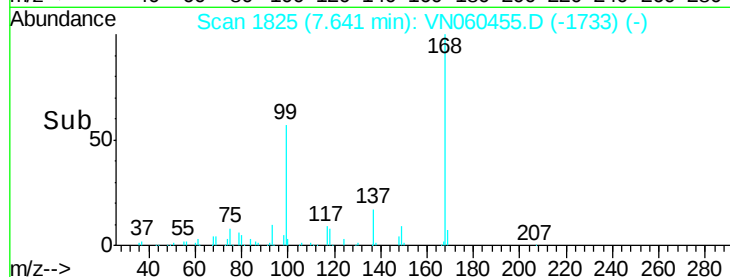
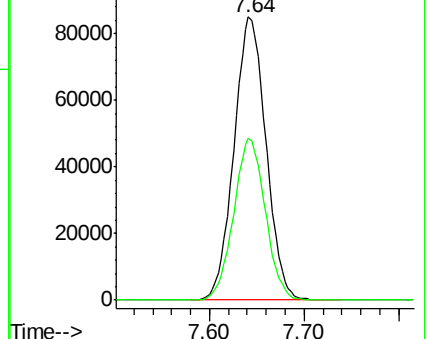
168 100

99 57.0 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 7.411 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060455.D

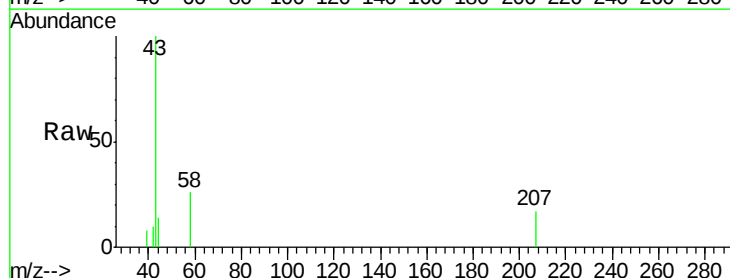
Acq: 11 Mar 2020 17:05

Tgt Ion: 43 Resp: 6145

Ion Ratio Lower Upper

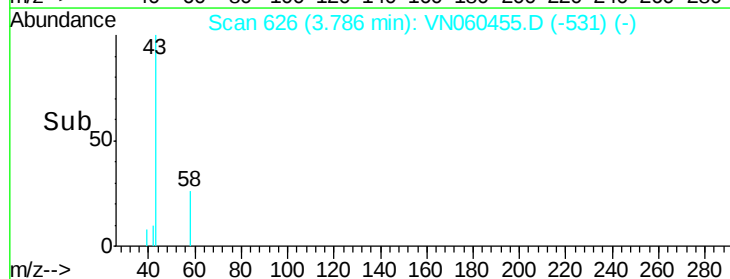
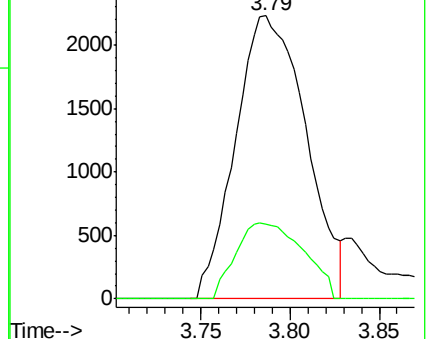
43 100

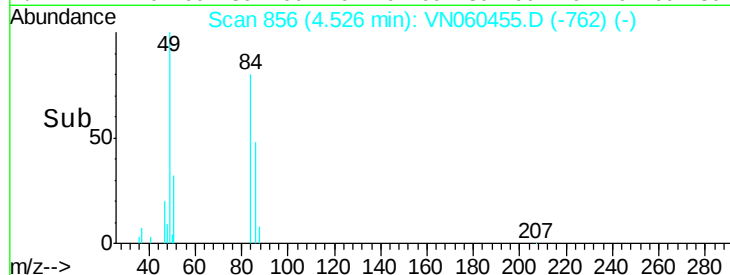
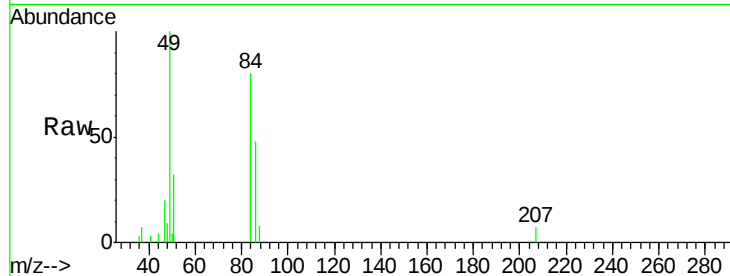
58 26.4 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

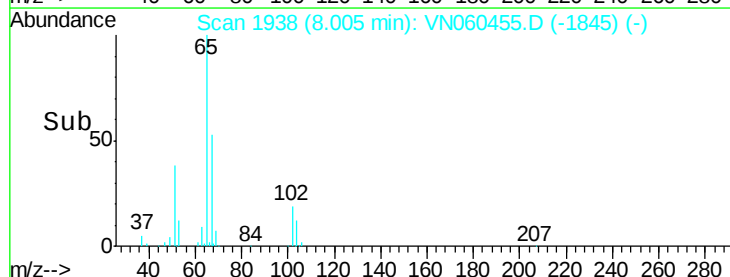
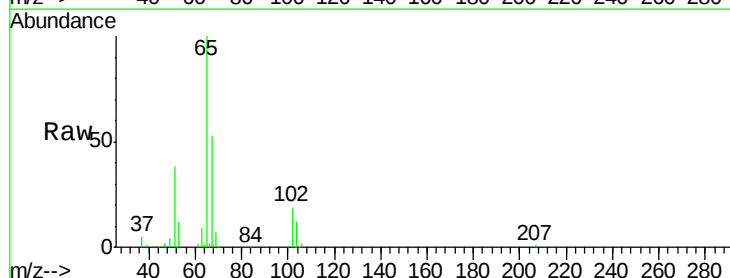
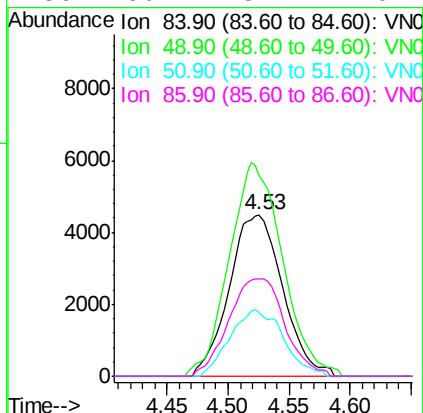




#20
Methylene Chloride
Concen: 5.994 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060455.D
Acq: 11 Mar 2020 17:05

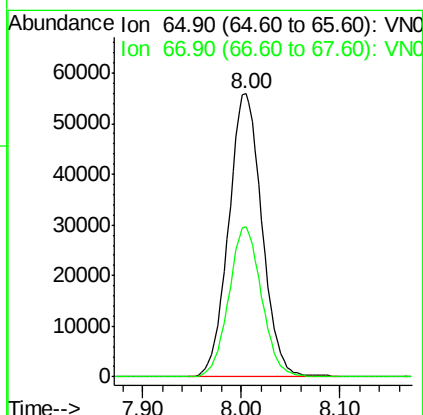
Instrument :
MSVOA_N
ClientSampled :
TP-18-DA

Tot Ion:	84	Resp:	13649
Ion	Ratio	Lower	Upper
84	100		
49	121.1	99.3	148.9
51	39.6	30.1	45.1
86	60.2	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 51.239 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060455.D
Acq: 11 Mar 2020 17:05

Tgt Ion:	65	Resp:	131566
Ion	Ratio	Lower	Upper
65	100		
67	52.1	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: VN060455.D

Acq: 11 Mar 2020 17:05

Instrument :

MSVOA_N

ClientSampleId :

TP-18-DA

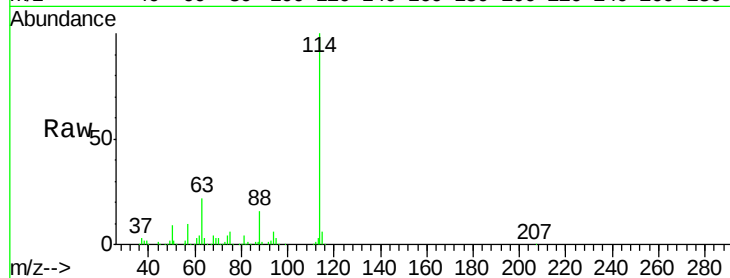
Tot Ion:114 Resp: 332604

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.2

88 16.0 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

200000

150000

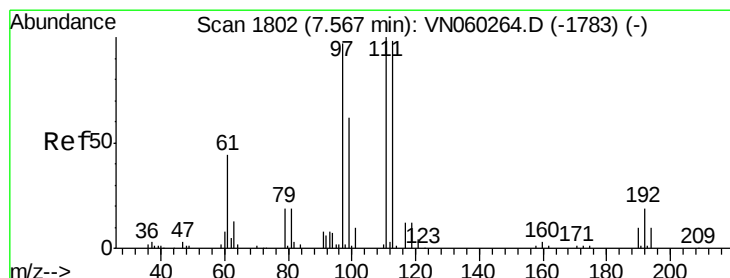
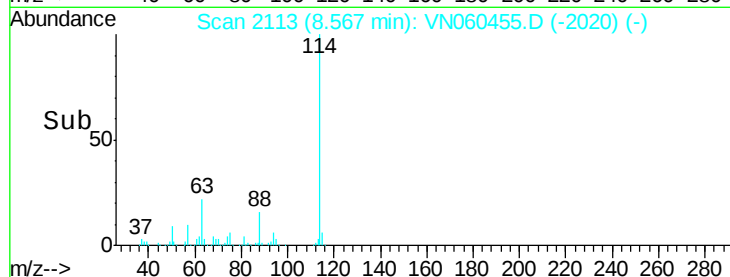
100000

50000

0

8.50 8.57 8.60 8.70

Time-->



#35

Dibromofluoromethane

Concen: 63.194 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060455.D

Acq: 11 Mar 2020 17:05

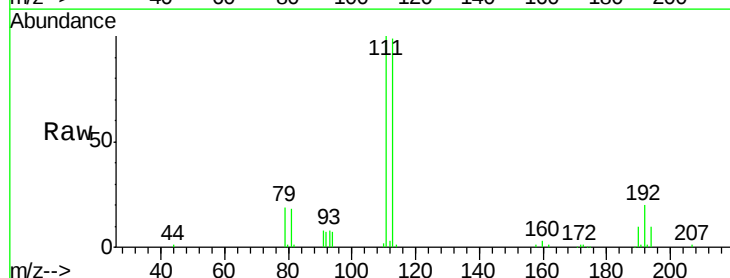
Tgt Ion:113 Resp: 97562

Ion Ratio Lower Upper

113 100

111 104.2 82.4 123.6

192 20.1 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

50000

40000

30000

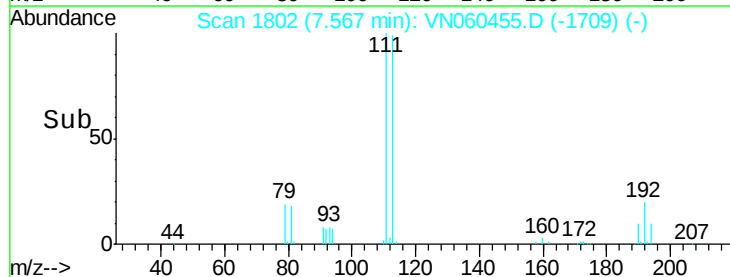
20000

10000

0

7.45 7.50 7.55 7.60 7.65

Time-->





#43

Isopropyl Acetate

Concen: 10.370 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060455.D

Acq: 11 Mar 2020 17:05

Instrument :

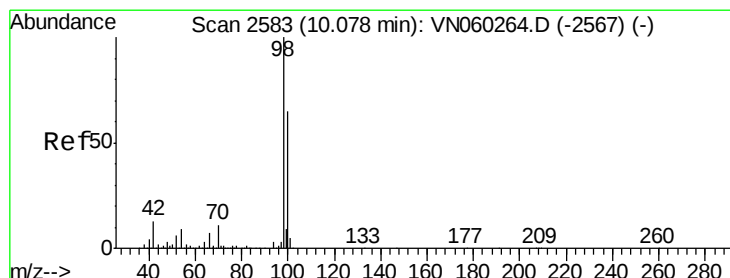
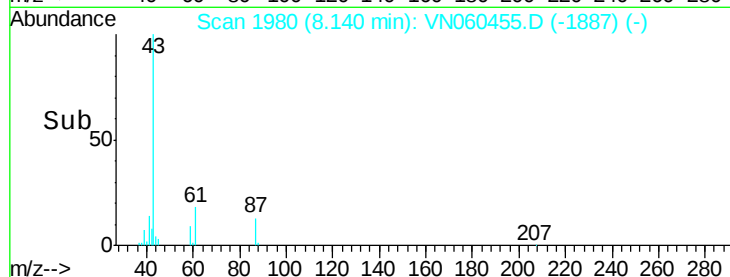
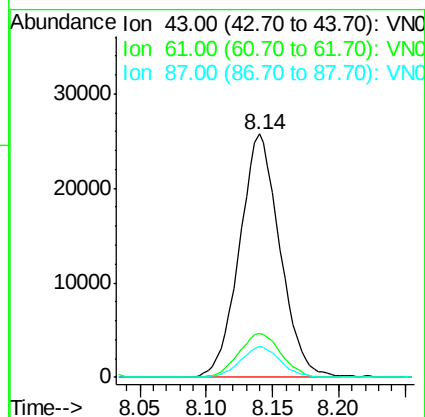
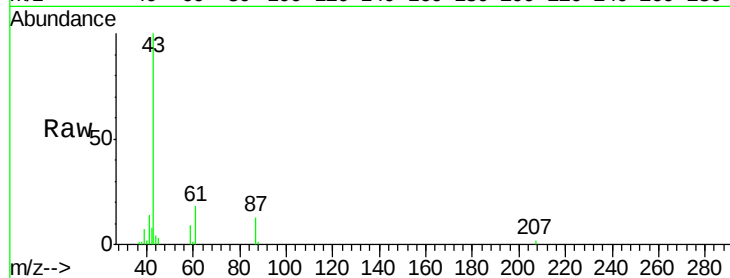
MSVOA_N

ClientSampleId :

TP-18-DA

Tot Ion: 43 Resp: 54488

Ion	Ratio	Lower	Upper
43	100		
61	18.8	20.9	31.3#
87	12.3	10.6	16.0



#50

Toluene-d8

Concen: 52.487 ug/l

RT: 10.08 min Scan# 2583

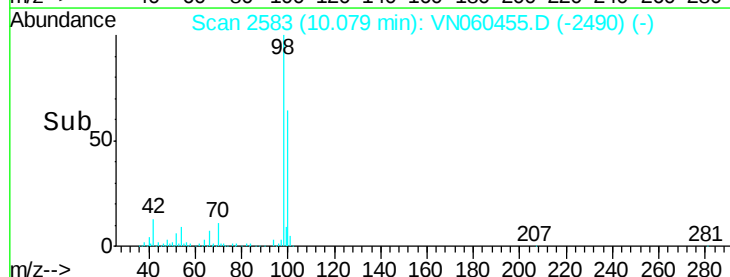
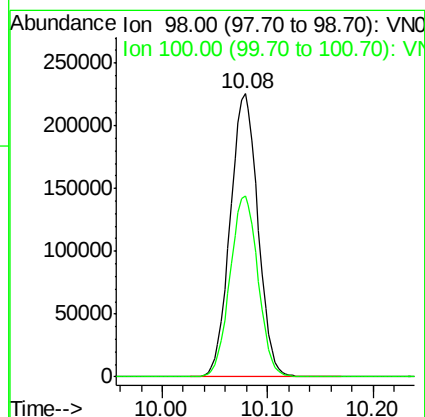
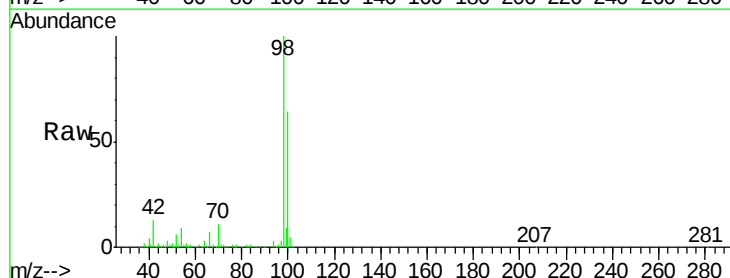
Delta R.T. 0.00 min

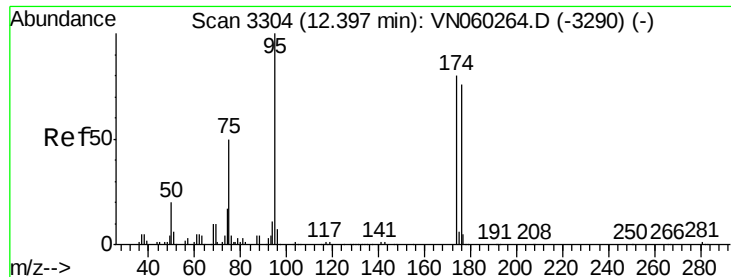
Lab File: VN060455.D

Acq: 11 Mar 2020 17:05

Tgt Ion: 98 Resp: 410113

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.2





#62

4-Bromofluorobenzene

Concen: 52.244 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060455.D

Acq: 11 Mar 2020 17:05

Instrument :

MSVOA_N

ClientSampled :

TP-18-DA

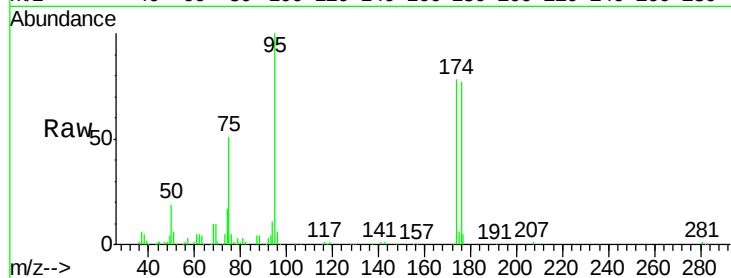
Tot Ion: 95 Resp: 154744

Ion Ratio Lower Upper

95 100

174 78.5 0.0 159.2

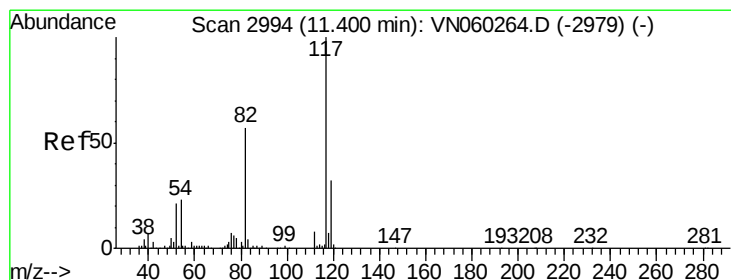
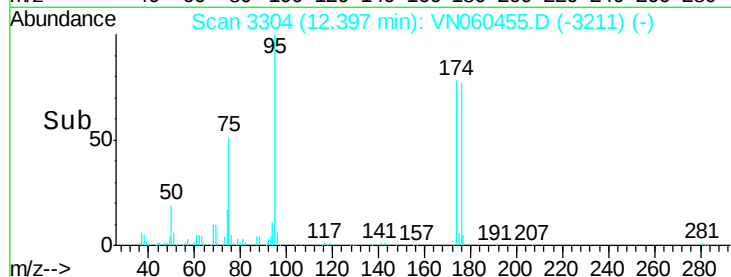
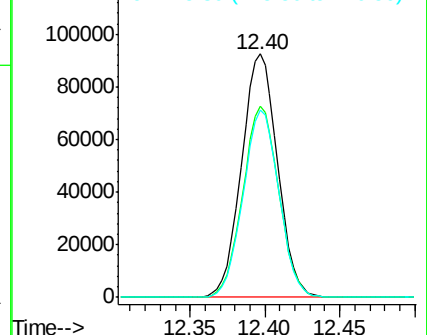
176 76.6 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN060455.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060455.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060455.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060455.D

Acq: 11 Mar 2020 17:05

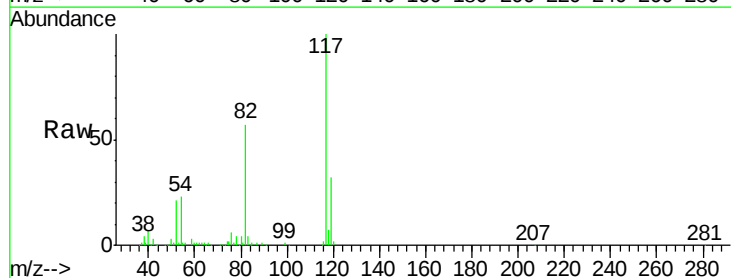
Tgt Ion: 117 Resp: 315973

Ion Ratio Lower Upper

117 100

82 57.0 45.8 68.6

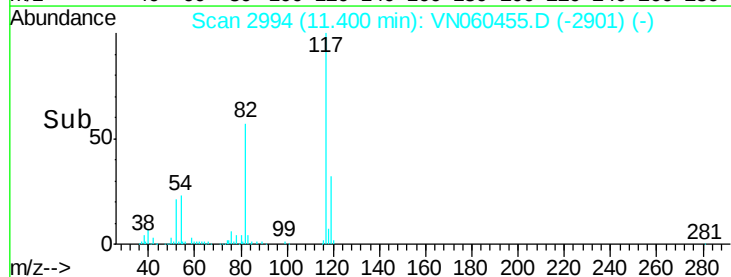
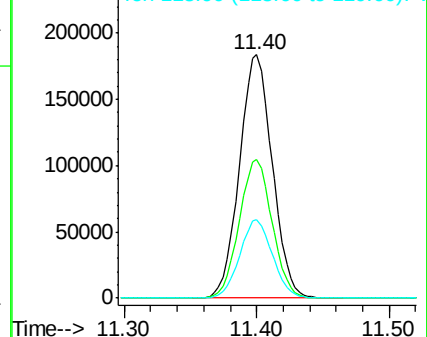
119 32.0 25.8 38.8

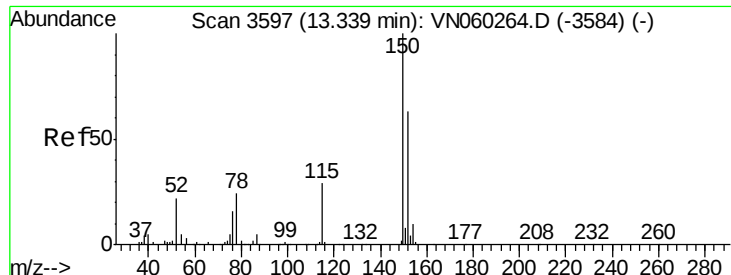


Abundance Ion 116.90 (116.60 to 117.60): VN060455.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060455.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060455.D (-2901) (-)

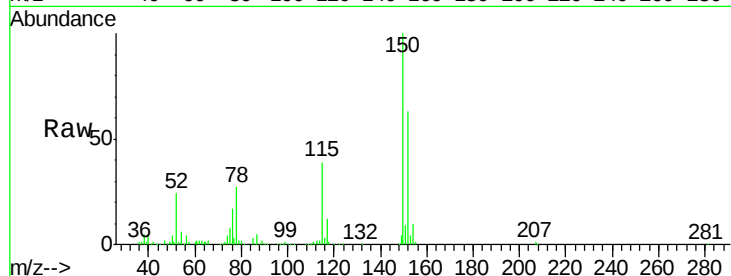




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN060455.D
 Acq: 11 Mar 2020 17:05

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-18-DA

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.4	30.0	90.0
150	159.1	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

