

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031920\
 Data File : VN060641.D
 Acq On : 19 Mar 2020 16:54
 Operator : JC/MD
 Sample : L1978-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-7A

Quant Time: Mar 20 08:13:44 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

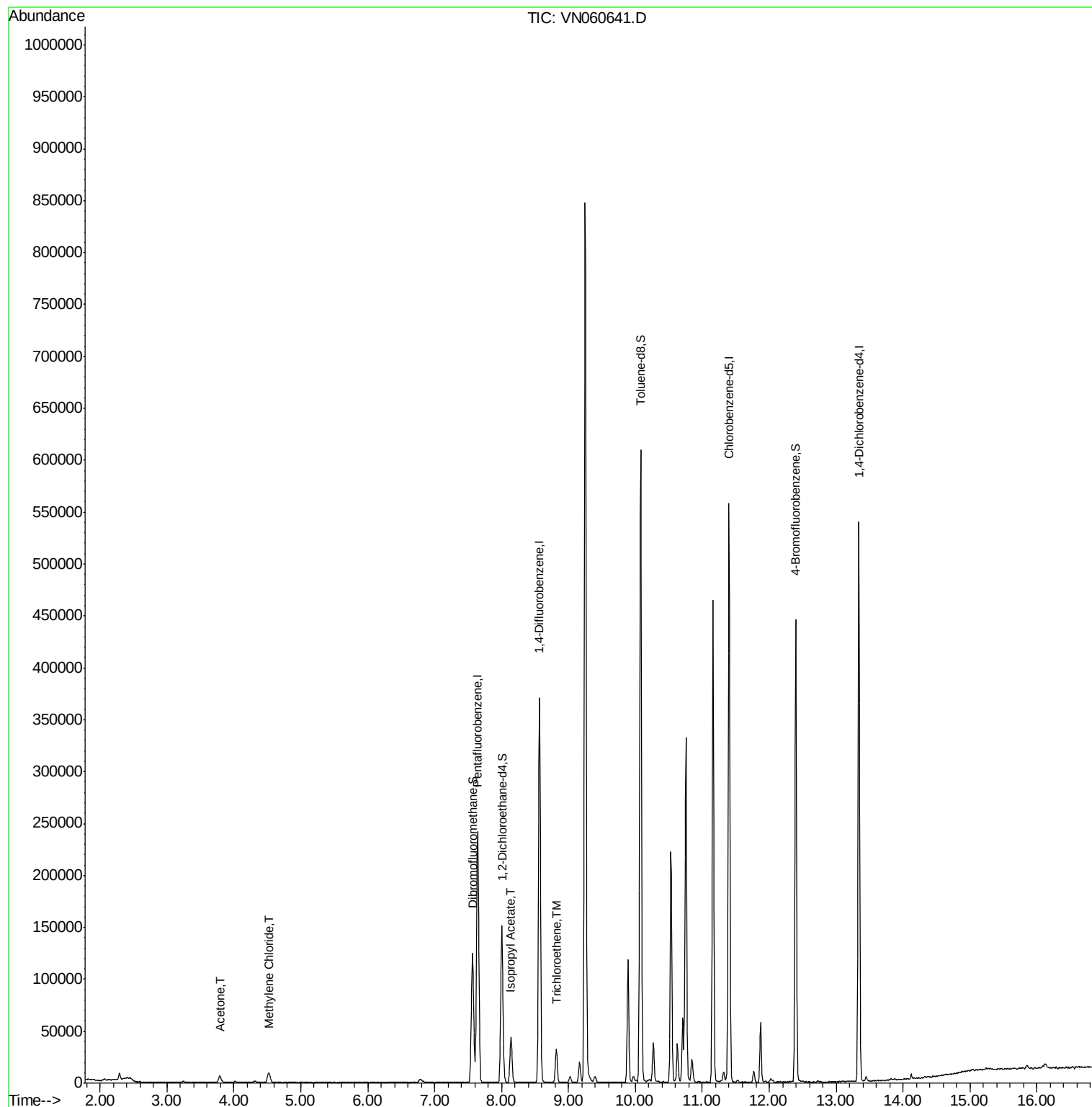
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	199164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	329295	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	313690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	142270	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	129678	47.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.86%	
35) Dibromofluoromethane	7.57	113	98540	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
50) Toluene-d8	10.08	98	409744	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
62) 4-Bromofluorobenzene	12.40	95	152402	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
Target Compounds						
16) Acetone	3.79	43	11571	11.948	ug/l	96
20) Methylene Chloride	4.52	84	7533	3.162	ug/l	96
43) Isopropyl Acetate	8.14	43	52197	9.186	ug/l #	91
44) Trichloroethene	8.82	130	11913	4.910	ug/l	98

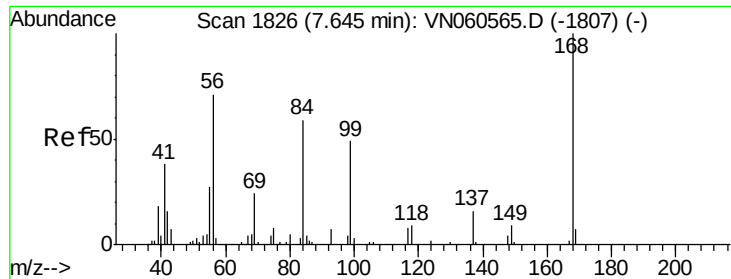
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031920\
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MSVOA_N
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Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060641.D

Acq: 19 Mar 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

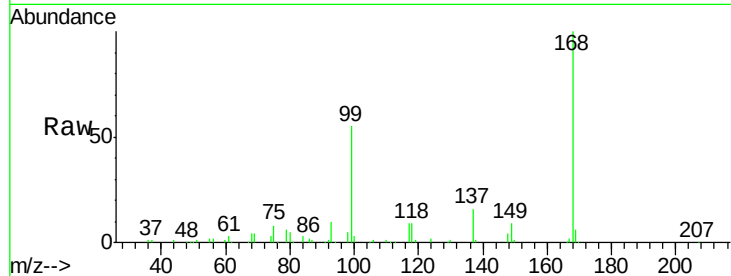
TP-7A

Tot Ion:168 Resp: 199164

Ion Ratio Lower Upper

168 100

99 55.5 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

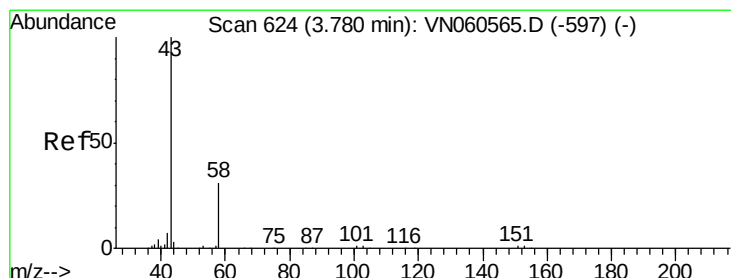
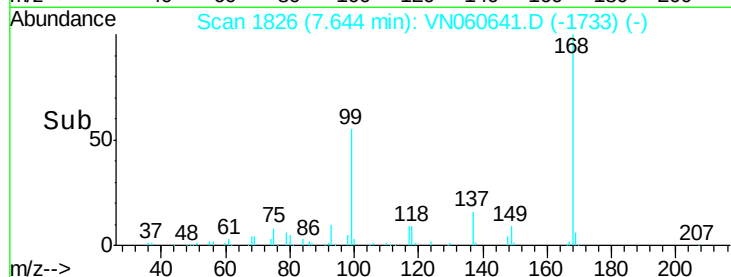
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 11.948 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060641.D

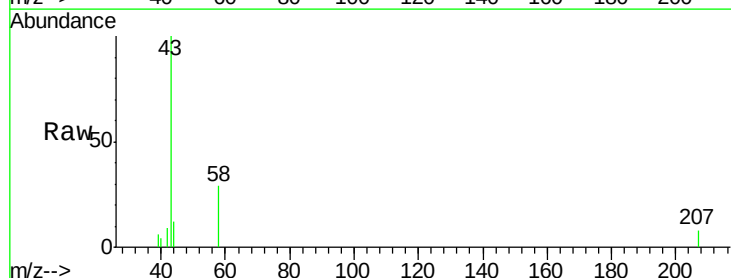
Acq: 19 Mar 2020 16:54

Tgt Ion: 43 Resp: 11571

Ion Ratio Lower Upper

43 100

58 29.4 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

4000

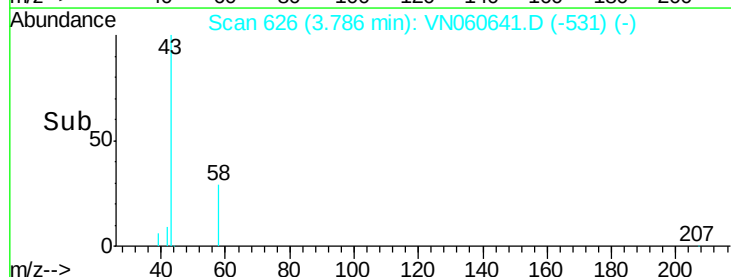
3000

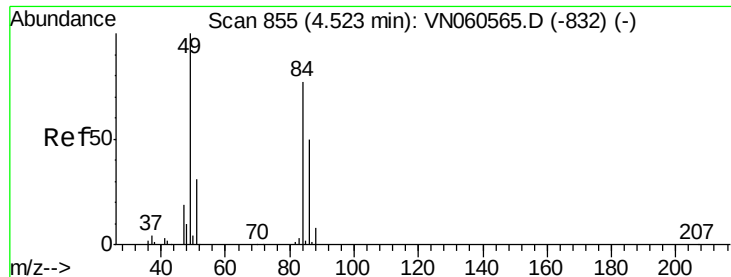
2000

1000

0

Time--> 3.70 3.75 3.80 3.85 3.90

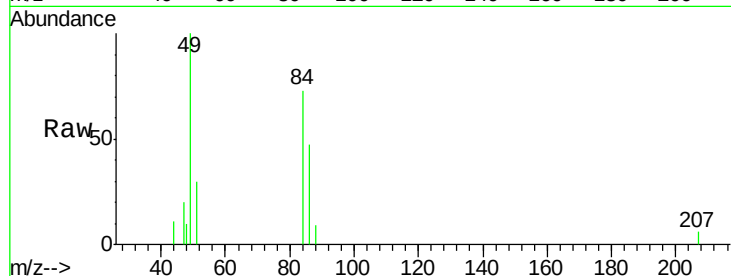




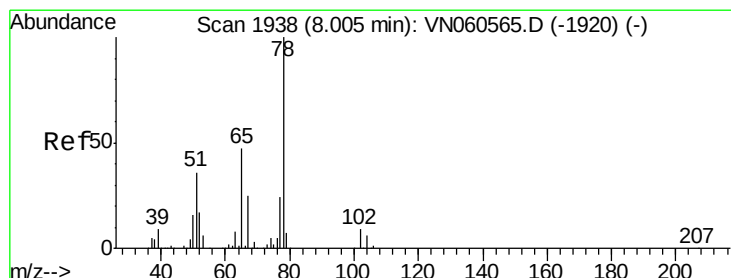
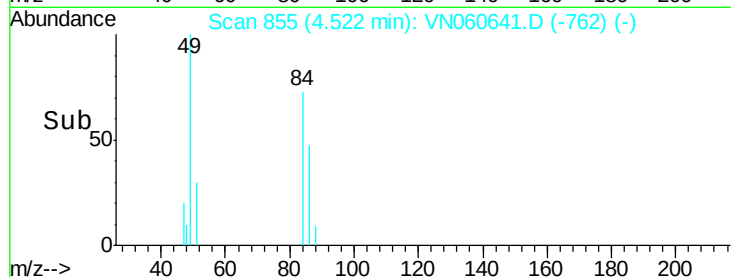
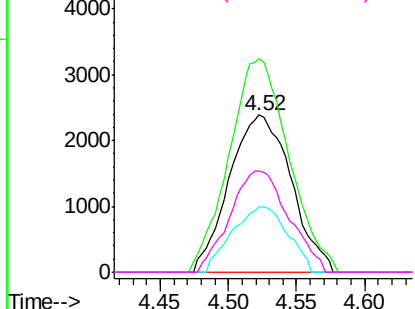
#20
Methylene Chloride
Concen: 3.162 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060641.D
Acq: 19 Mar 2020 16:54

Instrument :
MSVOA_N
ClientSampleId :
TP-7A

Tot Ion:	84	Resp:	7533
Ion	Ratio	Lower	Upper
84	100		
49	136.2	103.3	154.9
51	41.3	31.6	47.4
86	64.5	52.0	78.0

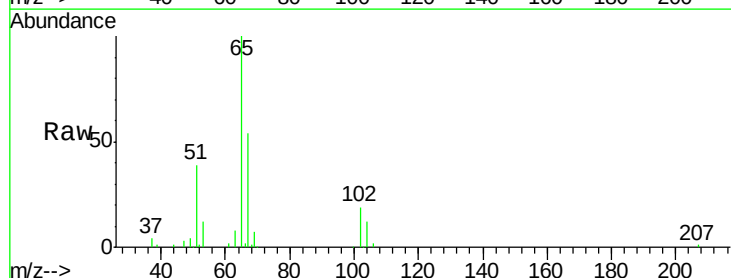


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

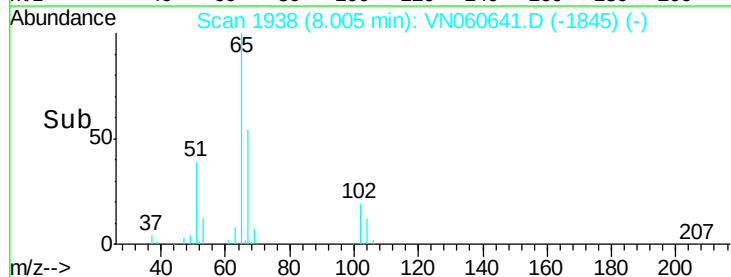
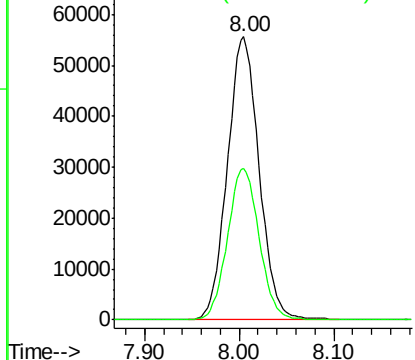


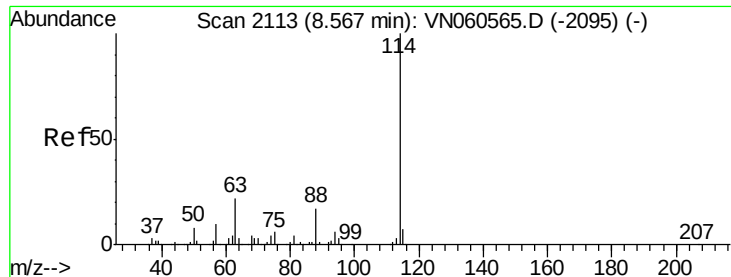
#33
1,2-Dichloroethane-d4
Concen: 47.430 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN060641.D
Acq: 19 Mar 2020 16:54

Tgt Ion:	65	Resp:	129678
Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	107.6



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

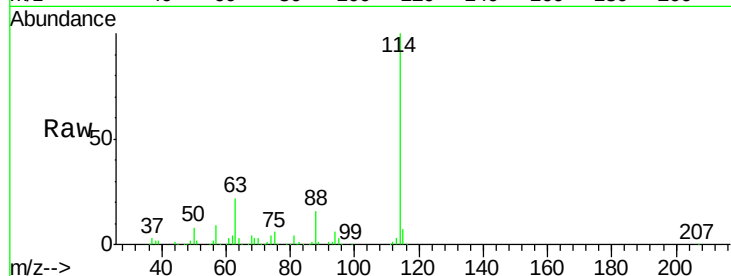




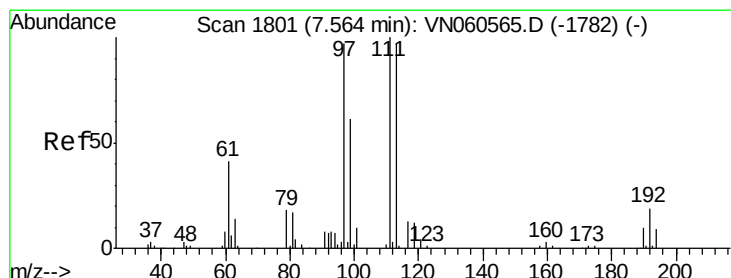
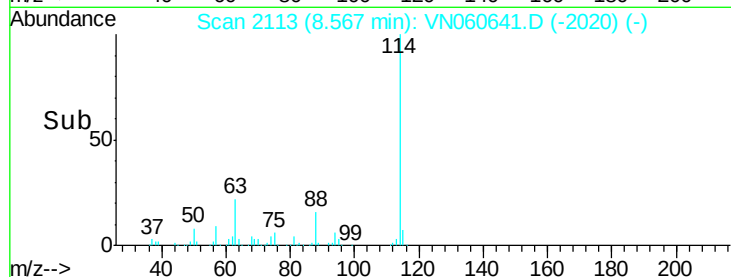
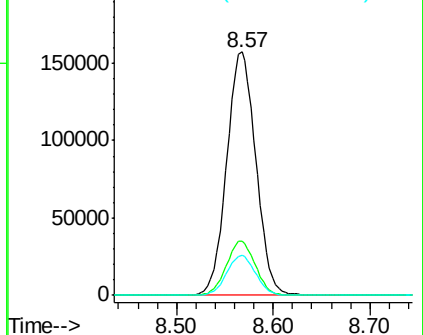
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060641.D
 Acq: 19 Mar 2020 16:54

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-7A

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	43.8
88	16.2	0.0	33.0

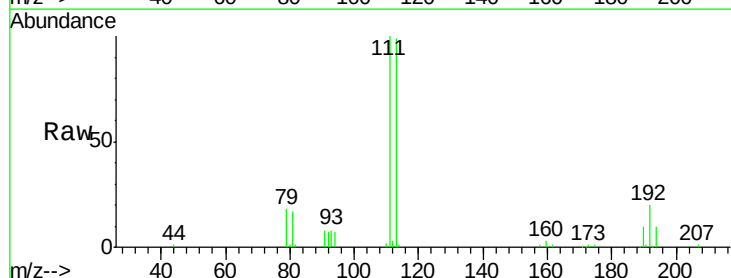


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

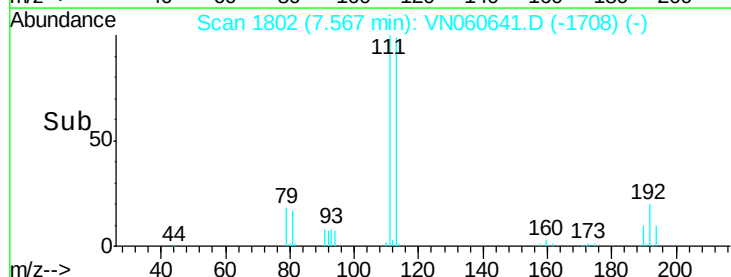
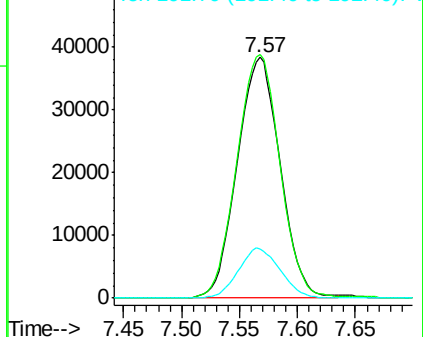


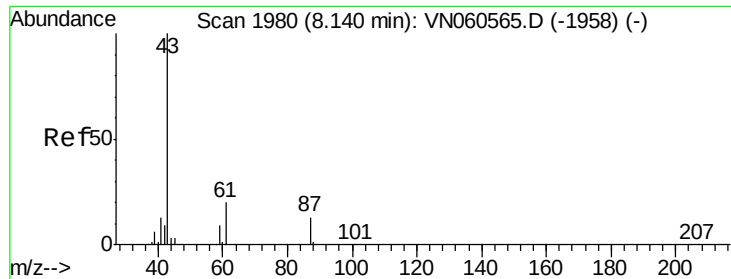
#35
 Dibromofluoromethane
 Concen: 49.489 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060641.D
 Acq: 19 Mar 2020 16:54

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.9	124.3
192	20.2	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: 9.186 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060641.D

Acq: 19 Mar 2020 16:54

Instrument :

MSVOA_N

ClientSampled :

TP-7A

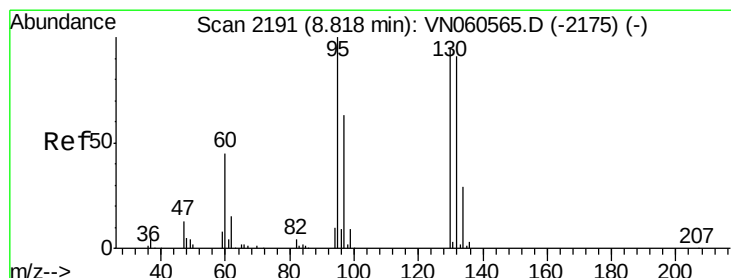
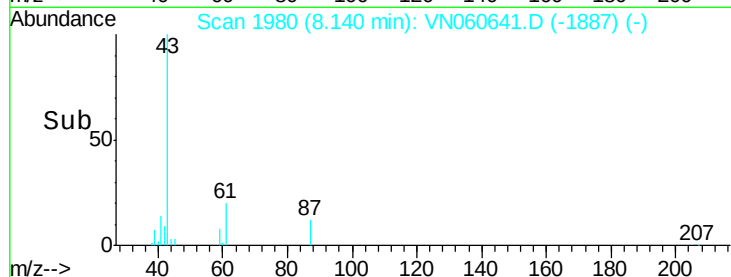
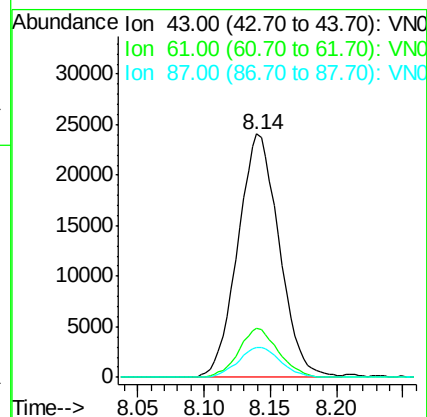
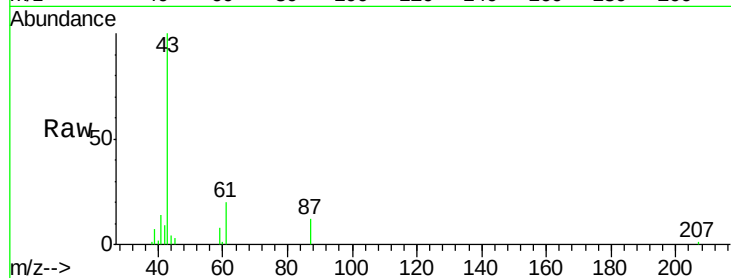
Tot Ion: 43 Resp: 52197

Ion Ratio Lower Upper

43 100

61 19.2 20.7 31.1#

87 12.4 9.8 14.8



#44

Trichloroethene

Concen: 4.910 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060641.D

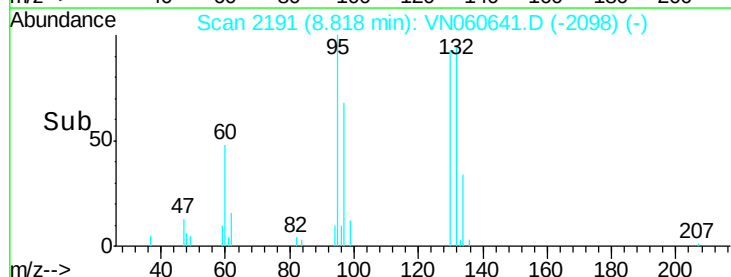
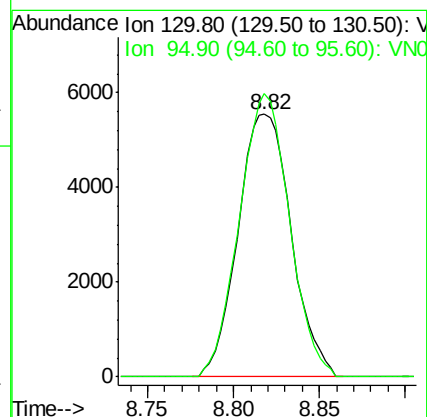
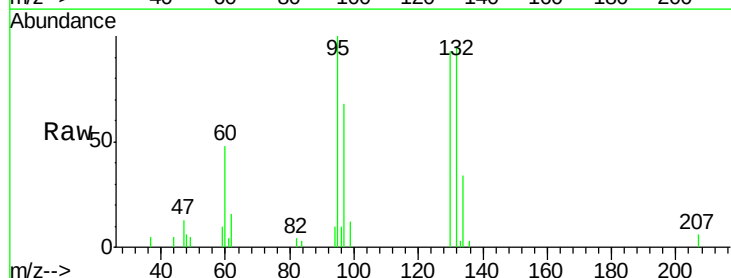
Acq: 19 Mar 2020 16:54

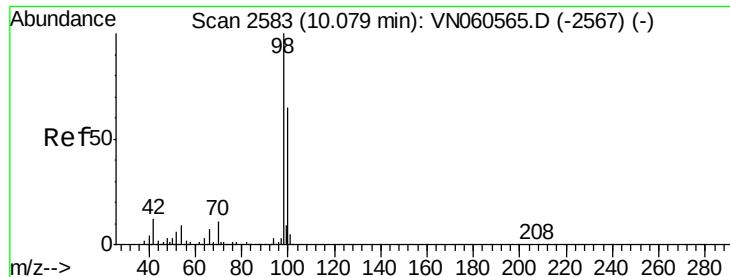
Tgt Ion:130 Resp: 11913

Ion Ratio Lower Upper

130 100

95 107.8 0.0 211.2





#50

Toluene-d8

Concen: 50.380 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060641.D

Acq: 19 Mar 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

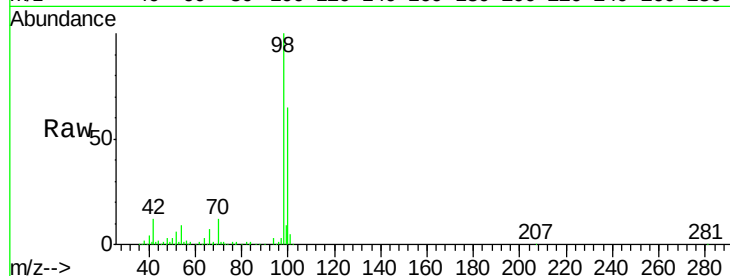
TP-7A

Tot Ion: 98 Resp: 409744

Ion Ratio Lower Upper

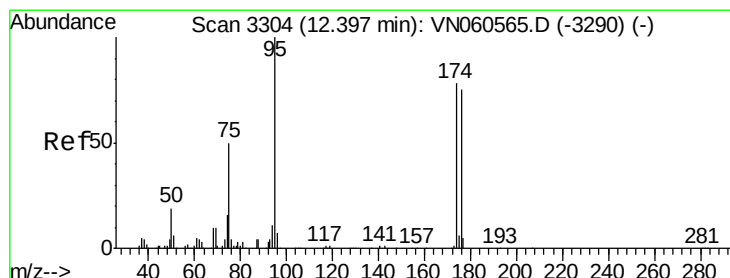
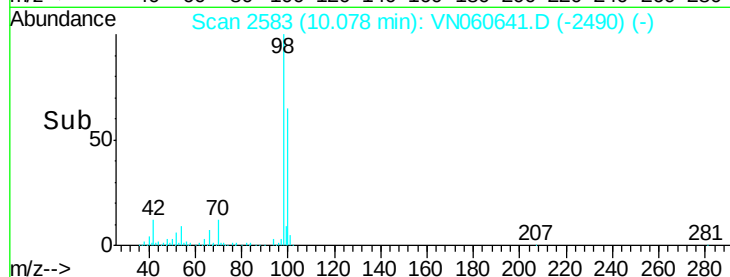
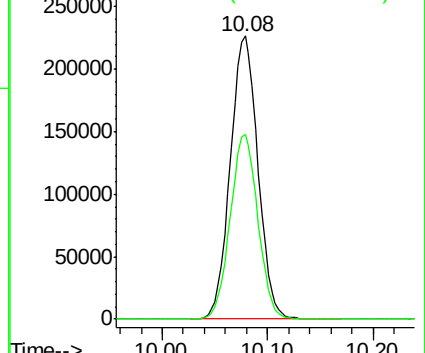
98 100

100 65.1 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 51.131 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060641.D

Acq: 19 Mar 2020 16:54

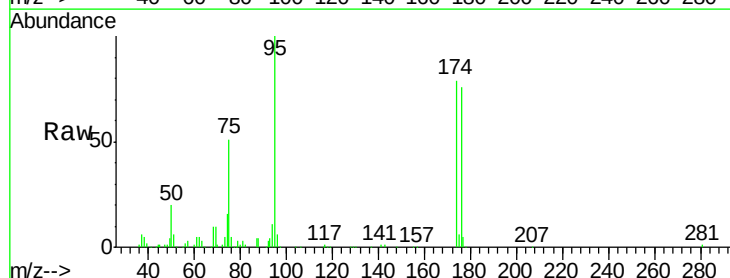
Tgt Ion: 95 Resp: 152402

Ion Ratio Lower Upper

95 100

174 79.2 0.0 157.6

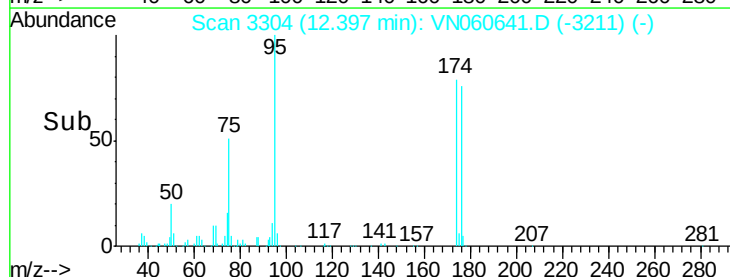
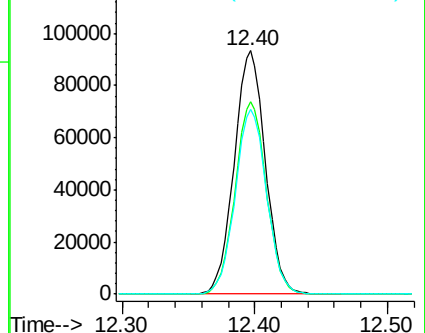
176 76.2 0.0 150.6

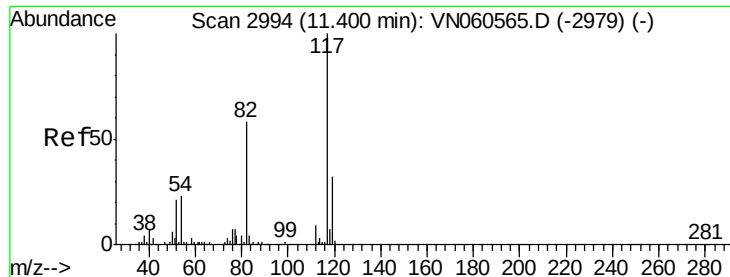


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

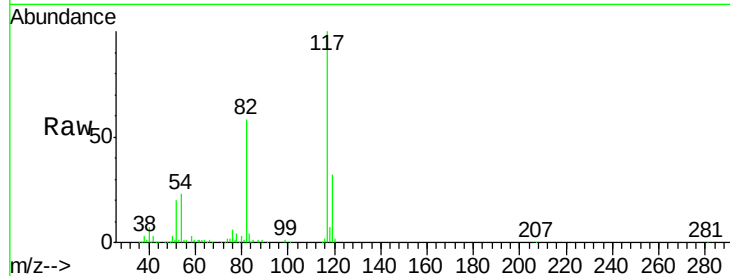




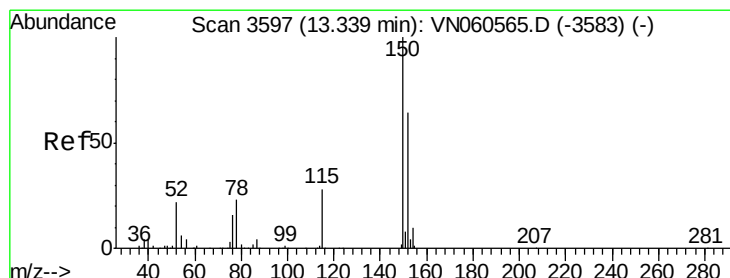
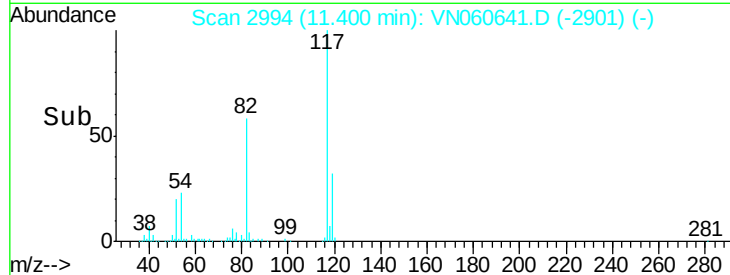
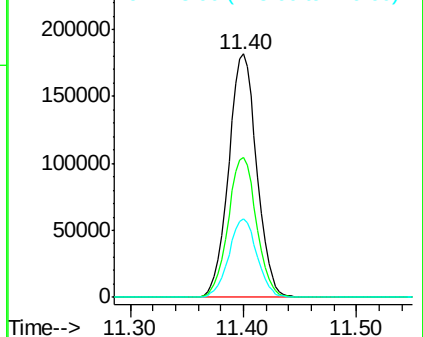
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060641.D
Acq: 19 Mar 2020 16:54

Instrument :
MSVOA_N
ClientSampleId :
TP-7A

Tot Ion:117 Resp: 313690
Ion Ratio Lower Upper
117 100
82 57.5 46.7 70.1
119 32.3 25.5 38.3

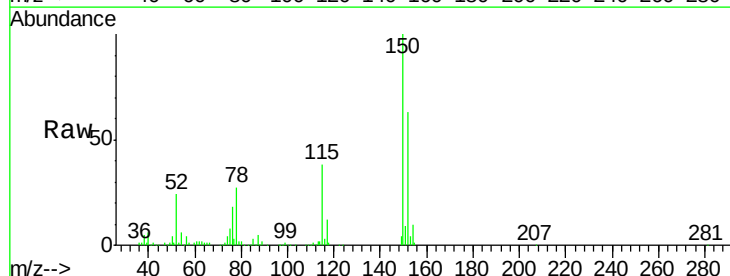


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060641.D
Acq: 19 Mar 2020 16:54

Tgt Ion:152 Resp: 142270
Ion Ratio Lower Upper
152 100
115 60.1 30.2 90.6
150 157.9 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

