

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031920\
 Data File : VN060640.D
 Acq On : 19 Mar 2020 16:32
 Operator : JC/MD
 Sample : L1978-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-6A

Quant Time: Mar 20 08:07:05 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

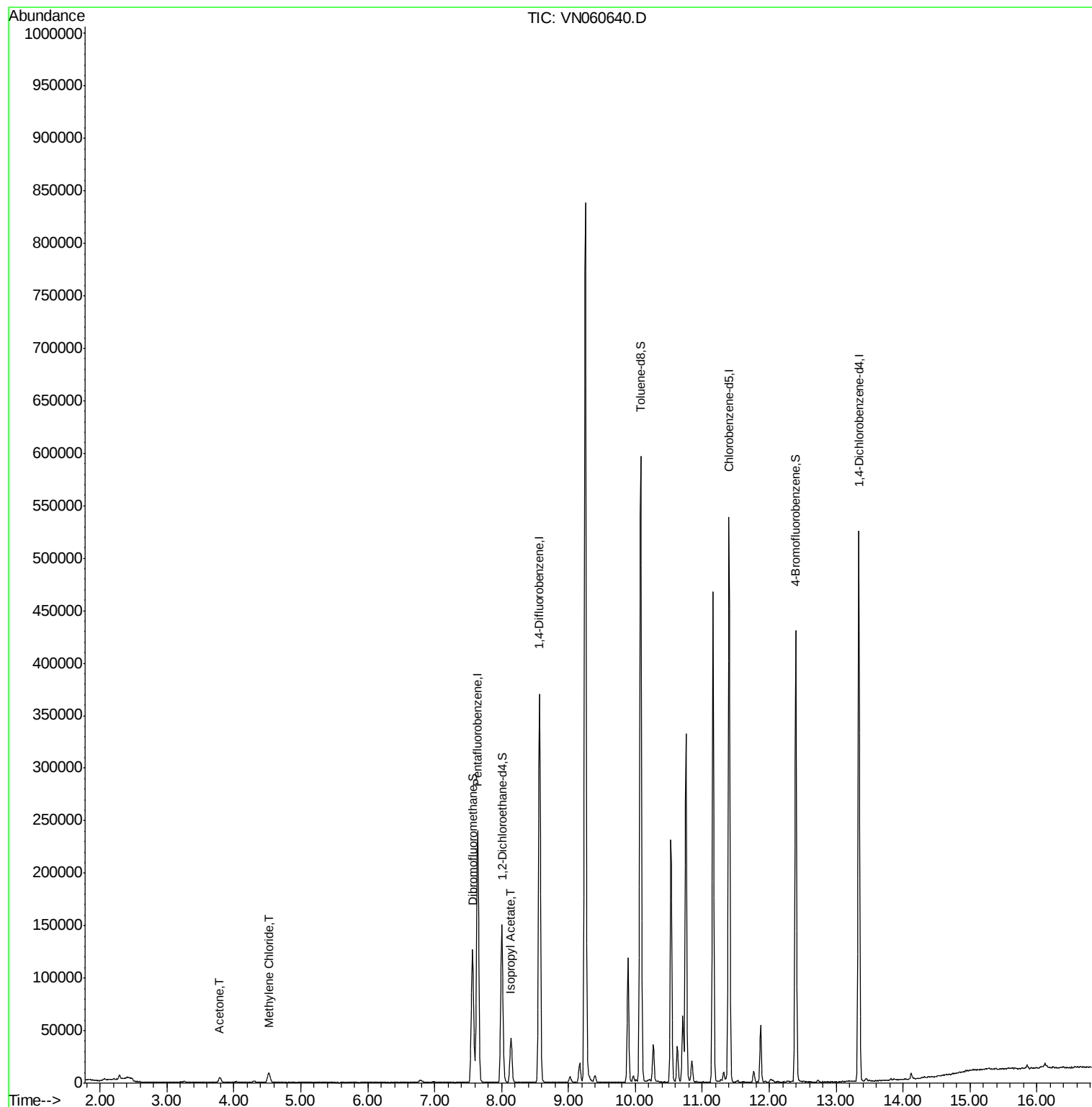
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	198567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	328752	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	307327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139604	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	129477	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
35) Dibromofluoromethane	7.57	113	98278	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
50) Toluene-d8	10.08	98	404602	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.66%	
62) 4-Bromofluorobenzene	12.40	95	150928	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
Target Compounds						
16) Acetone	3.79	43	9017	9.339	ug/l	99
20) Methylene Chloride	4.52	84	7122	2.998	ug/l	97
43) Isopropyl Acetate	8.14	43	51325	9.048	ug/l #	92

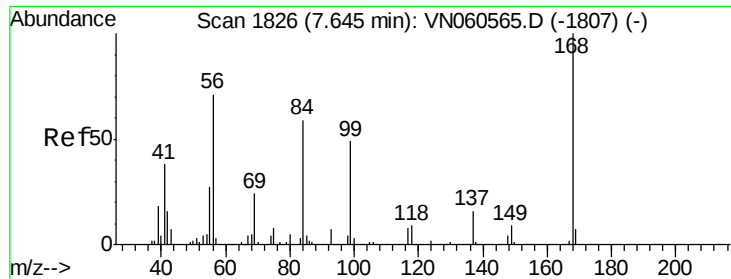
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060640.D

Acq: 19 Mar 2020 16:32

Instrument :

MSVOA_N

ClientSampleId :

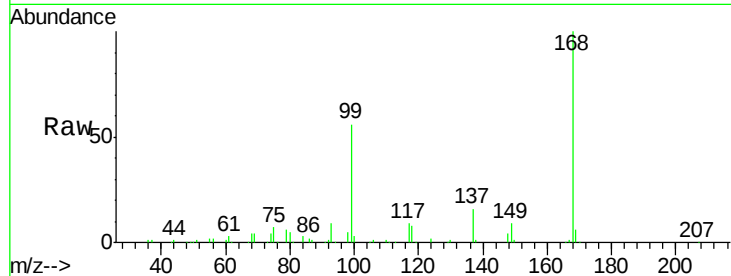
TP-6A

Tot Ion:168 Resp: 198567

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): VN

7.64

80000

60000

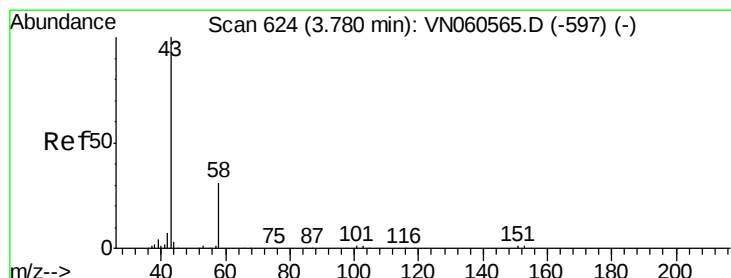
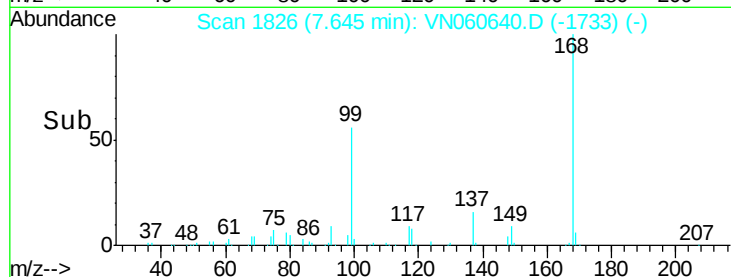
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 9.339 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060640.D

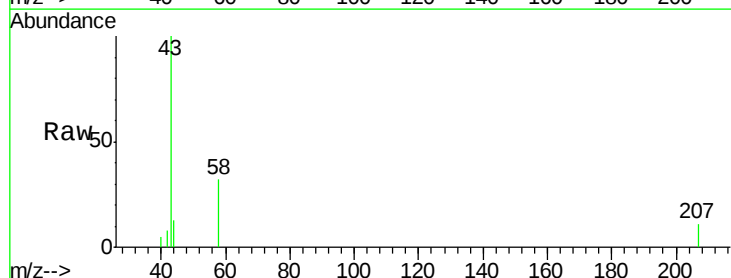
Acq: 19 Mar 2020 16:32

Tgt Ion: 43 Resp: 9017

Ion Ratio Lower Upper

43 100

58 32.1 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

3000

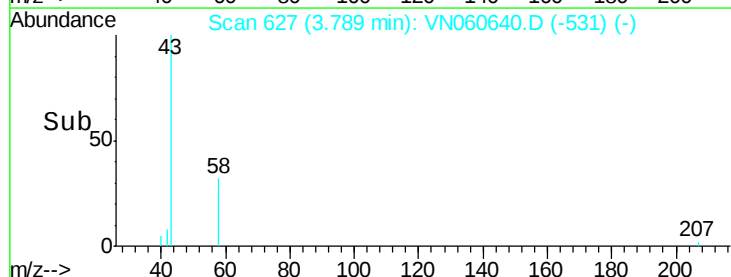
2000

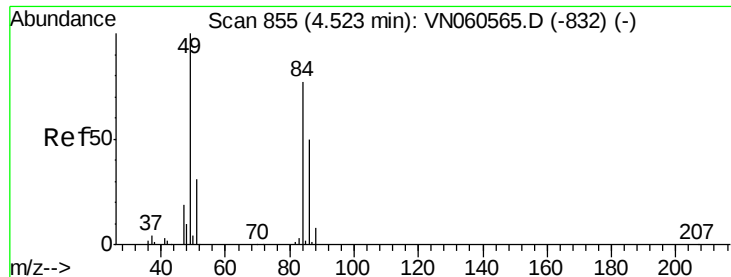
1000

0

3.70 3.75 3.80 3.85 3.90

Time-->





#20

Methylene Chloride

Concen: 2.998 ug/l

RT: 4.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: VN060640.D

Acq: 19 Mar 2020 16:32

Instrument :
MSVOA_N
ClientSampled :
TP-6A

Tot Ion: 84 Resp: 7122

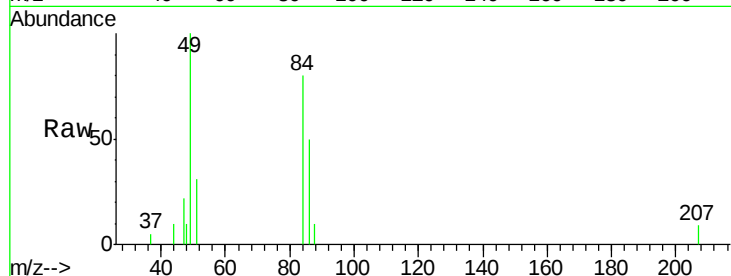
Ion	Ratio	Lower	Upper
84	100		
49	125.4	103.3	154.9
51	38.7	31.6	47.4
86	62.6	52.0	78.0

84 100

49 125.4 103.3 154.9

51 38.7 31.6 47.4

86 62.6 52.0 78.0

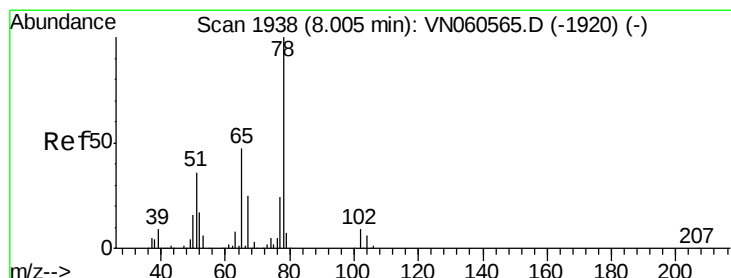
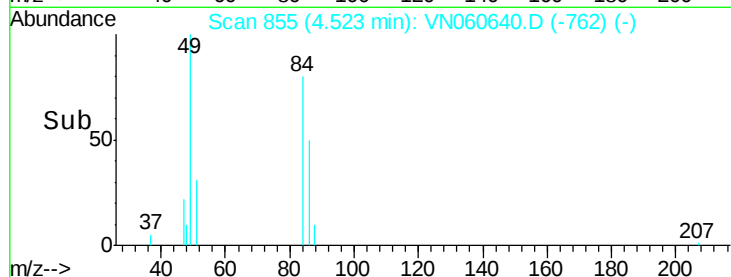
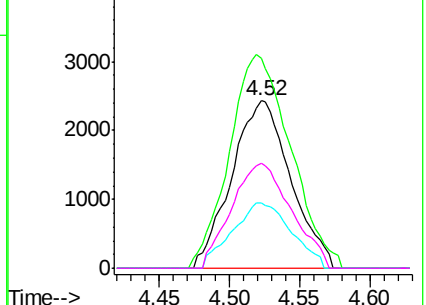


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 47.499 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060640.D

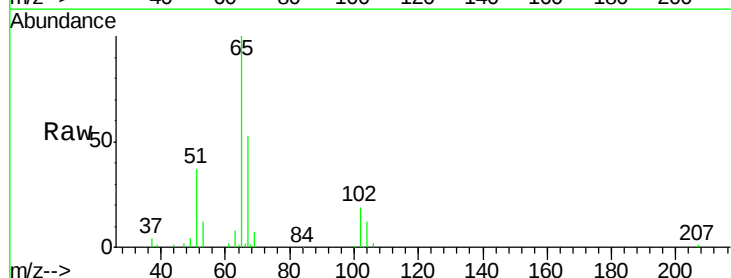
Acq: 19 Mar 2020 16:32

Tgt Ion: 65 Resp: 129477

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.6

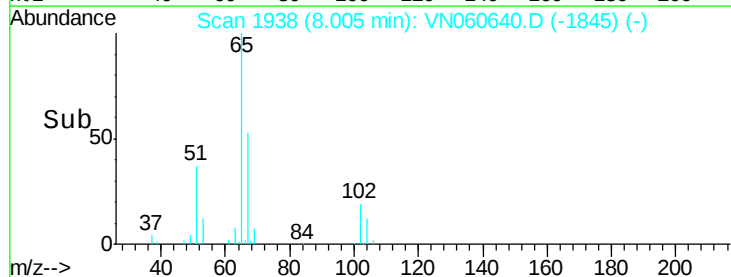
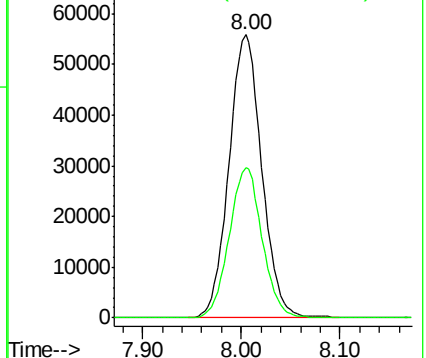
65 100

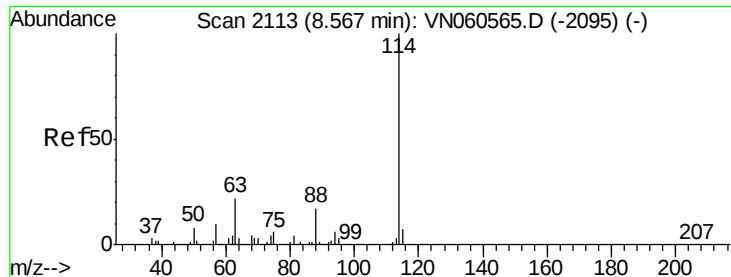
67 53.1 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

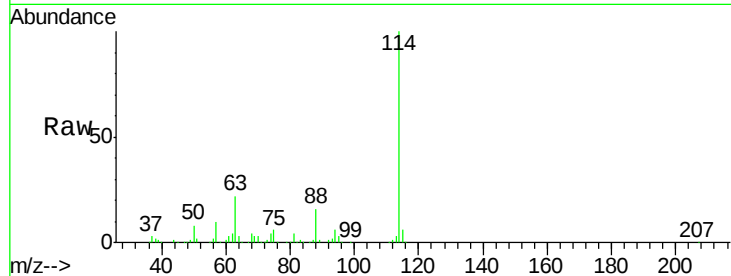




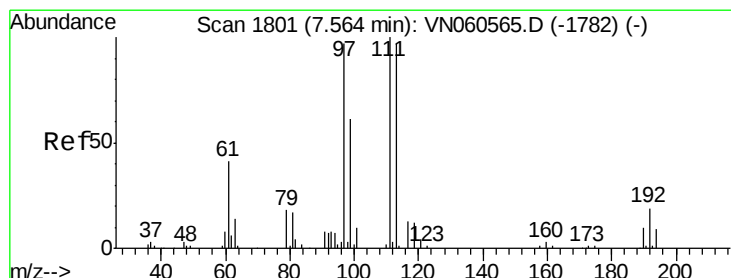
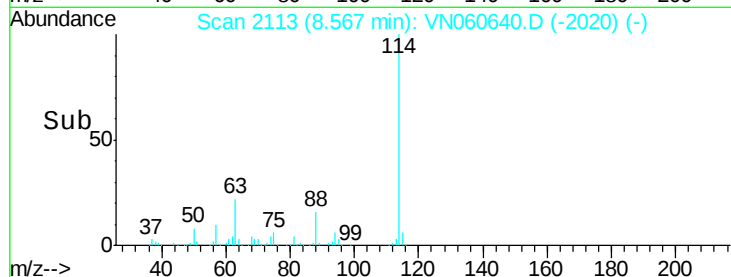
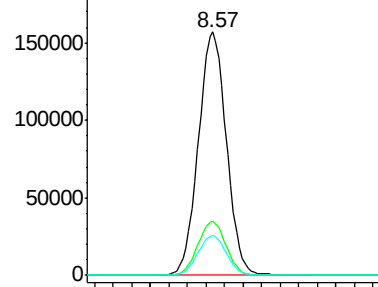
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060640.D
 Acq: 19 Mar 2020 16:32

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-6A

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.8
88	16.5	0.0	33.0

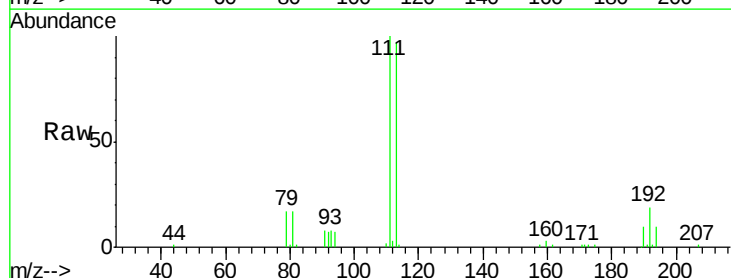


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

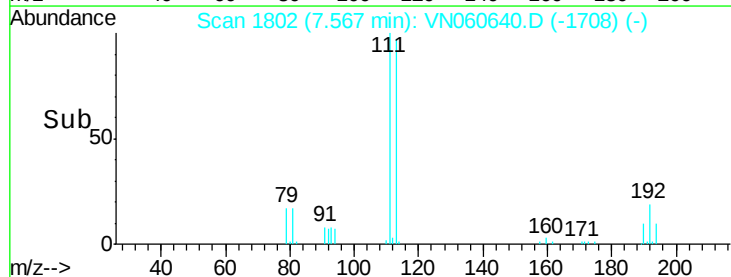
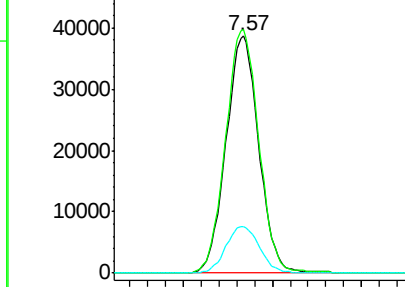


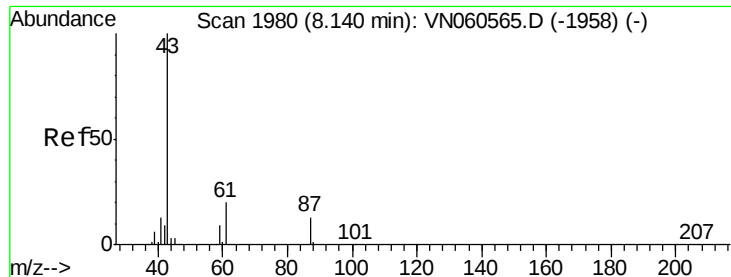
#35
 Dibromofluoromethane
 Concen: 49.439 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060640.D
 Acq: 19 Mar 2020 16:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.9	124.3
192	20.0	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: 9.048 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060640.D

Acq: 19 Mar 2020 16:32

Instrument :

MSVOA_N

ClientSampleId :

TP-6A

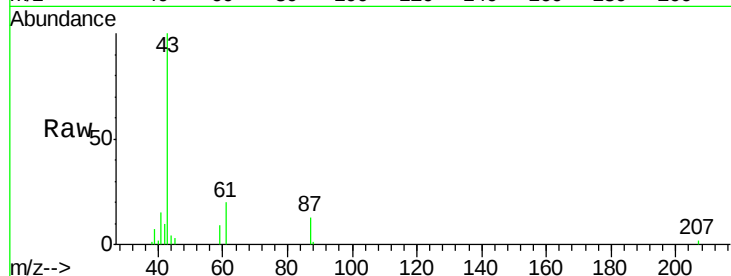
Tot Ion: 43 Resp: 51325

Ion Ratio Lower Upper

43 100

61 20.0 20.7 31.1#

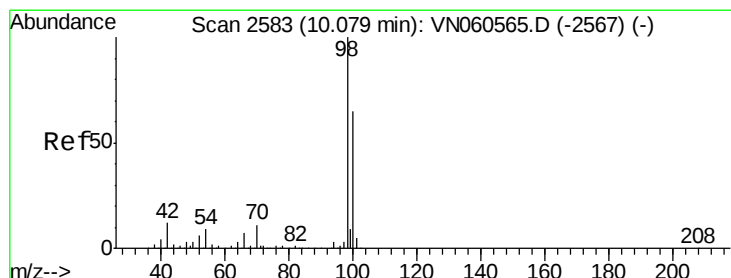
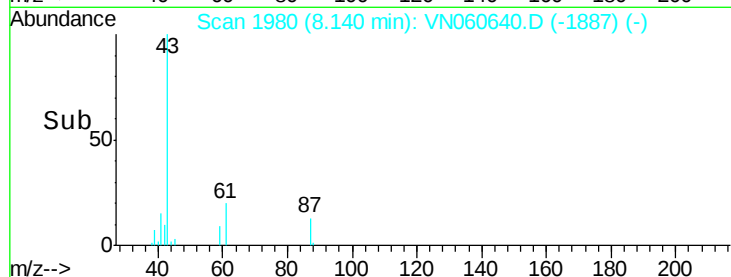
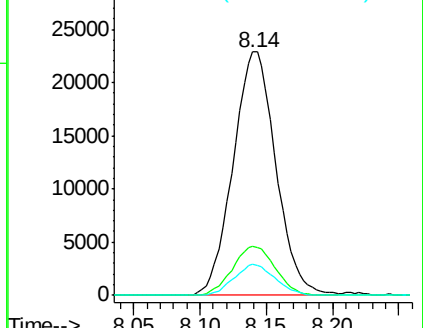
87 12.1 9.8 14.8



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: 49.830 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060640.D

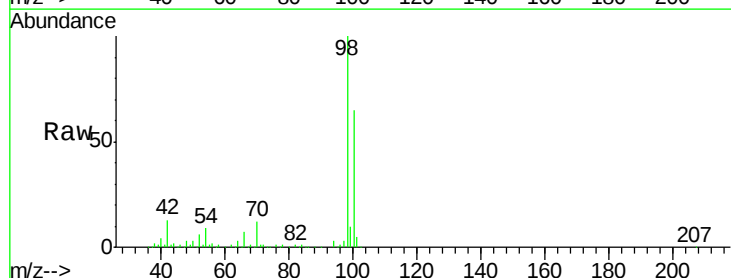
Acq: 19 Mar 2020 16:32

Tgt Ion: 98 Resp: 404602

Ion Ratio Lower Upper

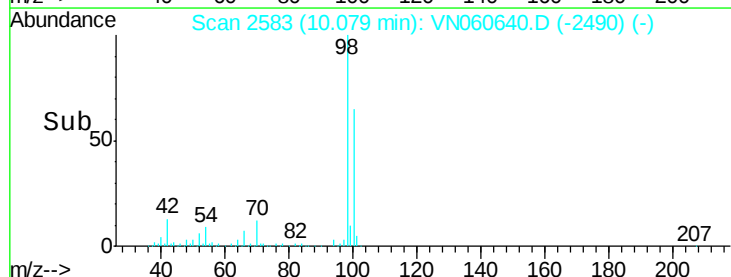
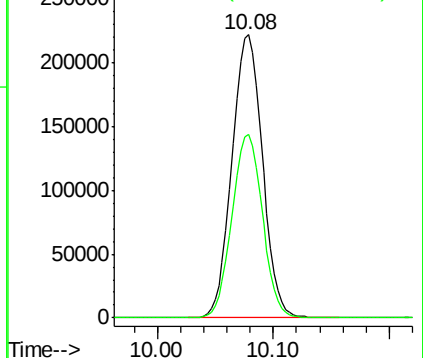
98 100

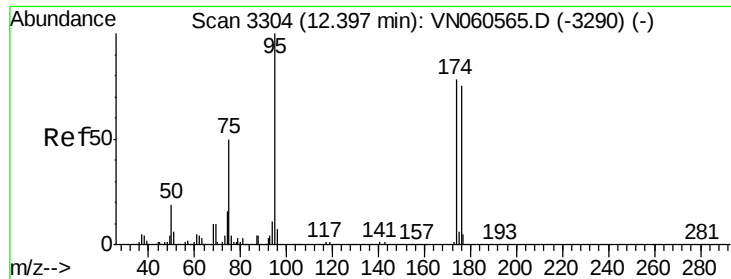
100 64.7 51.8 77.8



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

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

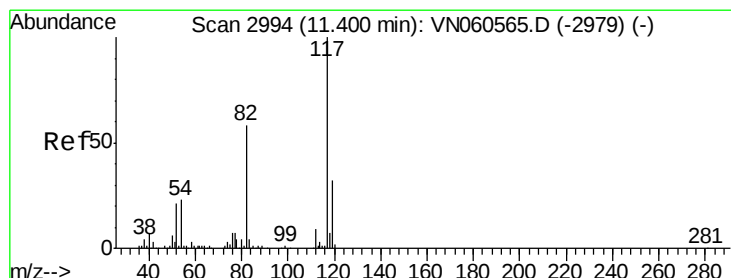
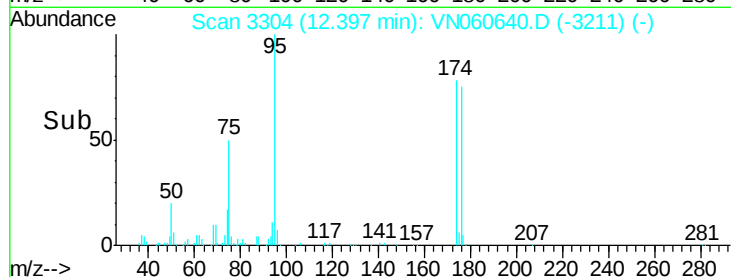
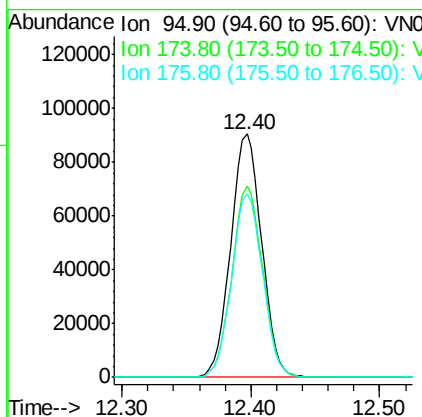
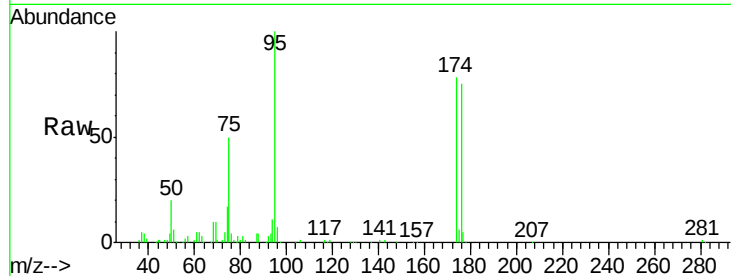




#62
4-Bromofluorobenzene
Concen: 50.720 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060640.D
Acq: 19 Mar 2020 16:32

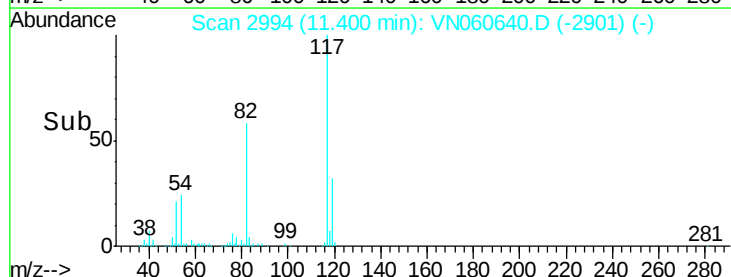
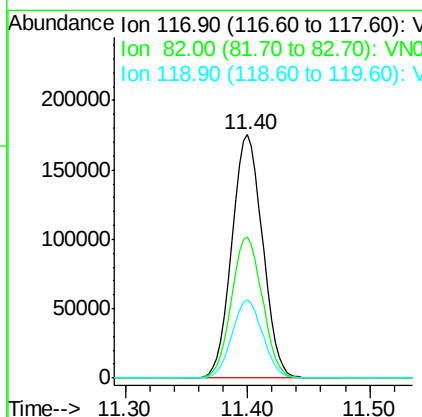
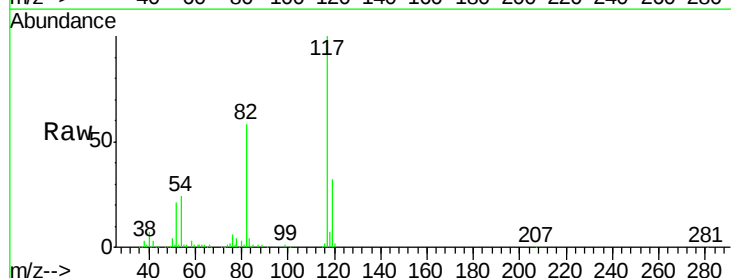
Instrument :
MSVOA_N
ClientSampleId :
TP-6A

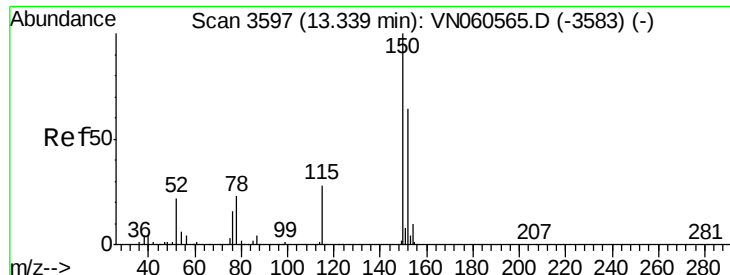
Tot Ion: 95 Resp: 150928
Ion Ratio Lower Upper
95 100
174 78.2 0.0 157.6
176 75.3 0.0 150.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060640.D
Acq: 19 Mar 2020 16:32

Tgt Ion: 117 Resp: 307327
Ion Ratio Lower Upper
117 100
82 57.9 46.7 70.1
119 32.1 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060640.D

Acq: 19 Mar 2020 16:32

Instrument :

MSVOA_N

ClientSampleId :

TP-6A

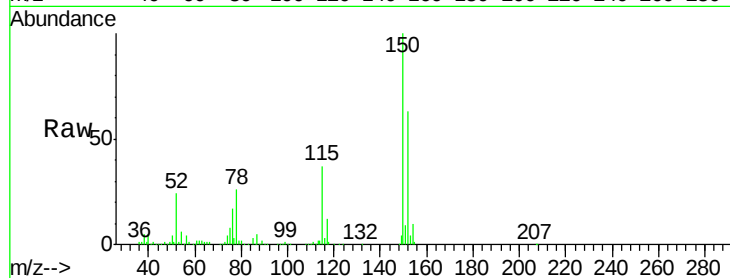
Tot Ion:152 Resp: 139604

Ion Ratio Lower Upper

152 100

115 59.3 30.2 90.6

150 157.7 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

