

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060966.D
 Acq On : 15 Apr 2020 17:00
 Operator : JC/MD
 Sample : L2245-25
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-21A

Quant Time: Apr 16 07:37:47 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

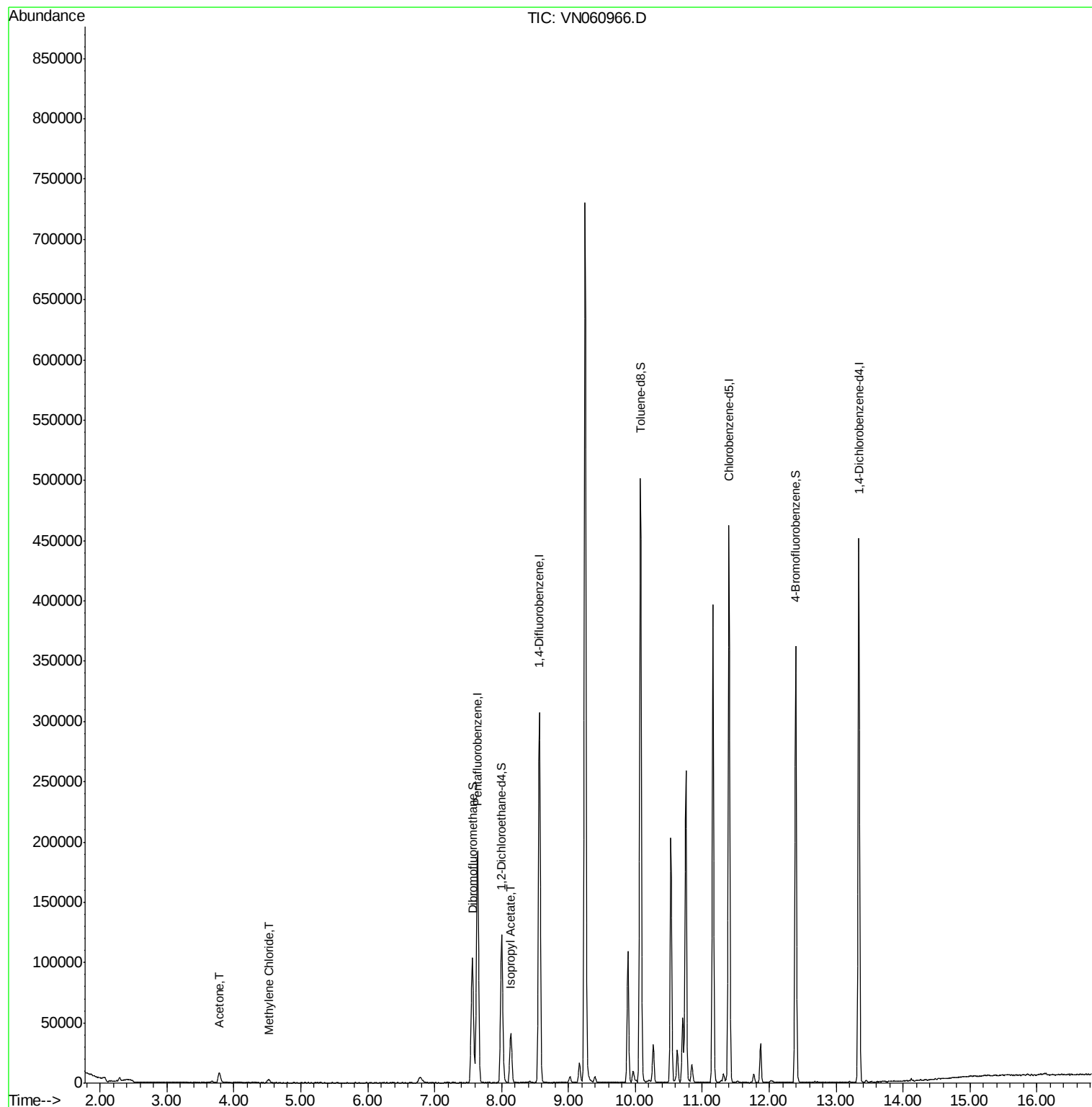
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	157052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	269987	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	256152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	115846	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	106078	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
35) Dibromofluoromethane	7.56	113	79998	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
50) Toluene-d8	10.08	98	335579	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.40	95	127683	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
Target Compounds						
16) Acetone	3.78	43	15395	20.159	ug/l	97
20) Methylene Chloride	4.53	84	1993	1.061	ug/l	94
43) Isopropyl Acetate	8.14	43	49951	10.722	ug/l #	90

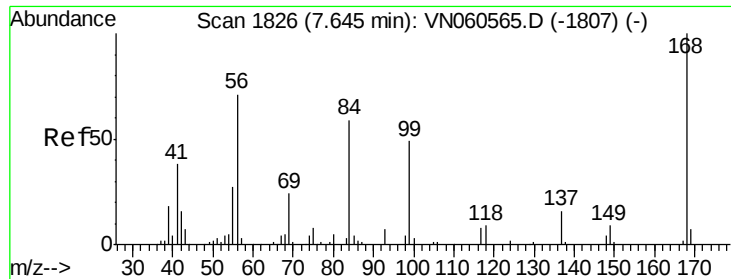
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041520\
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Quant Time: Apr 16 07:37:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
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# 1825

Delta R.T. -0.00 min

Lab File: VN060966.D

Acq: 15 Apr 2020 17:00

Instrument :

MSVOA_N

ClientSampled :

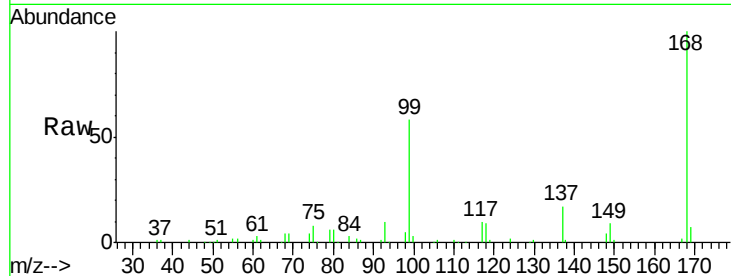
TP-21A

Tot Ion:168 Resp: 157052

Ion Ratio Lower Upper

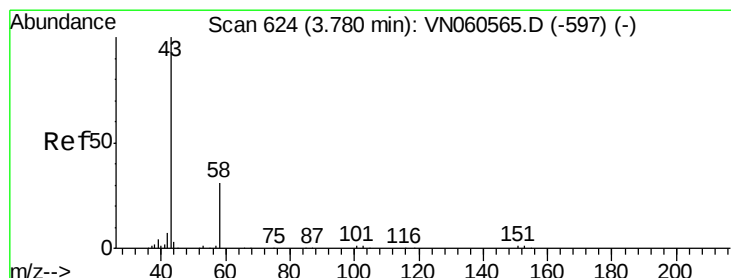
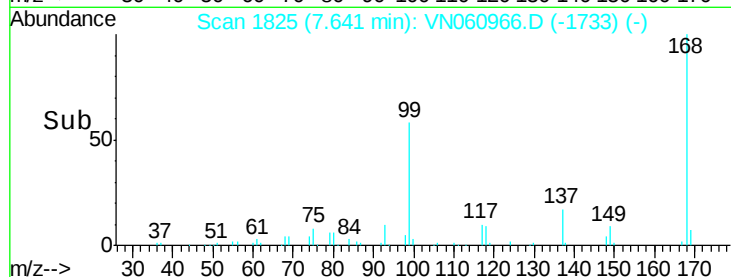
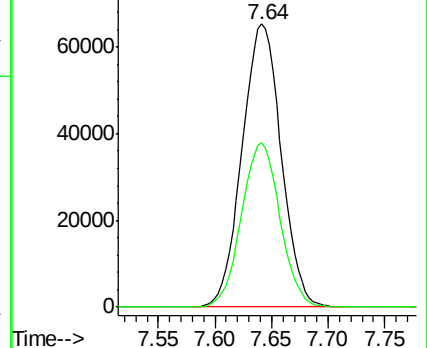
168 100

99 57.9 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 20.159 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060966.D

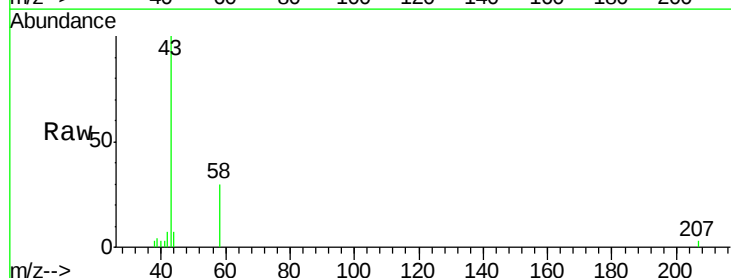
Acq: 15 Apr 2020 17:00

Tgt Ion: 43 Resp: 15395

Ion Ratio Lower Upper

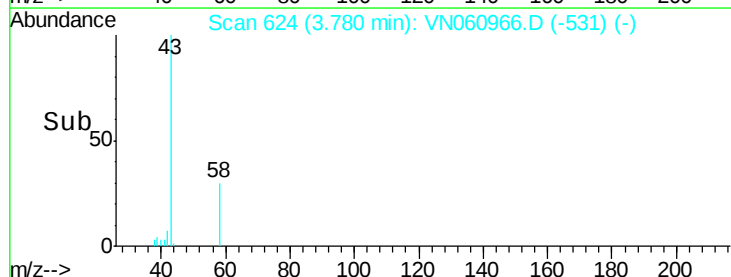
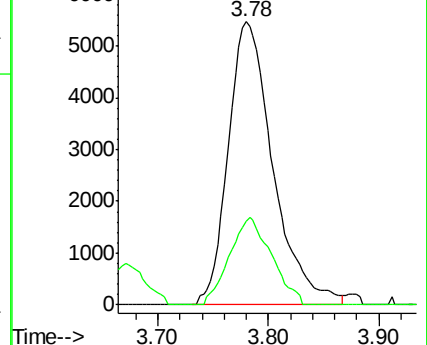
43 100

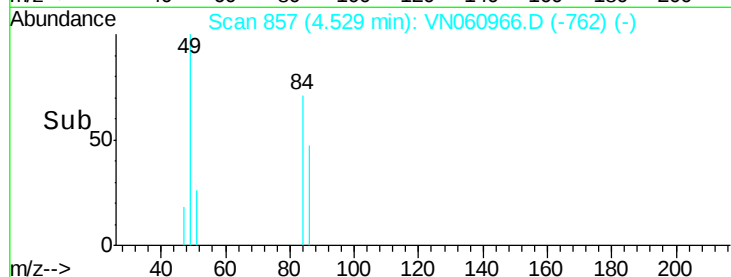
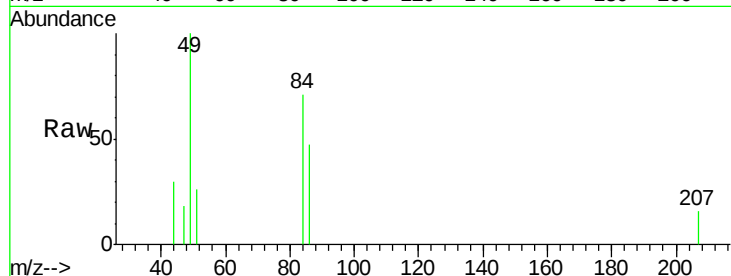
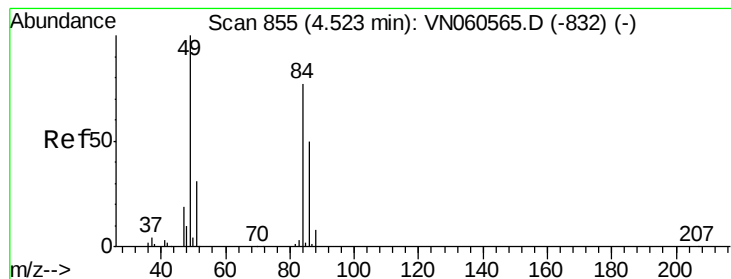
58 29.7 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#20

Methylene Chloride

Concen: 1.061 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.01 min

Lab File: VN060966.D

Acq: 15 Apr 2020 17:00

Instrument :

MSVOA_N

ClientSampled :

TP-21A

Tot Ion: 84 Resp: 1993

Ion Ratio Lower Upper

84 100

49 140.2 103.3 154.9

51 36.3 31.6 47.4

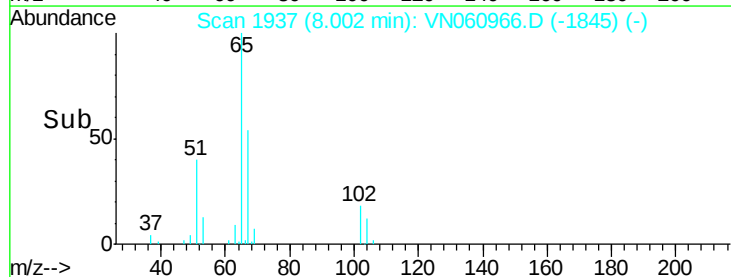
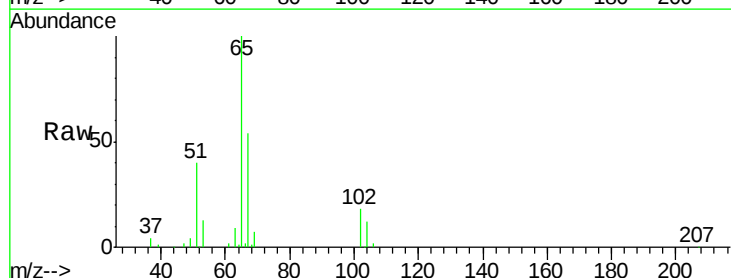
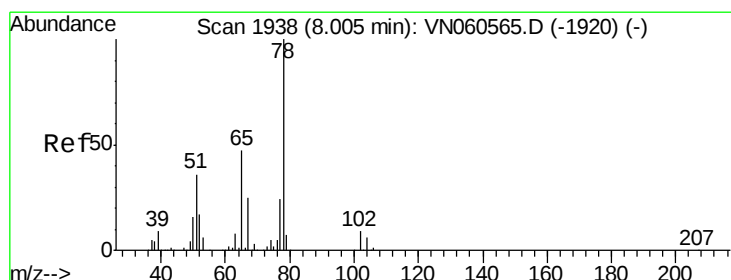
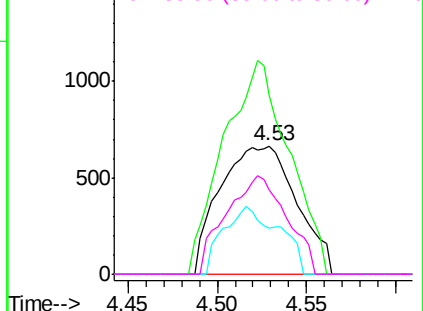
86 65.7 52.0 78.0

Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 49.202 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060966.D

Acq: 15 Apr 2020 17:00

Tgt Ion: 65 Resp: 106078

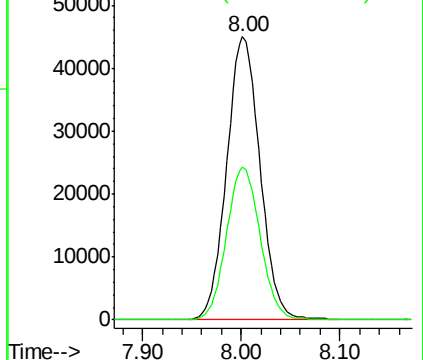
Ion Ratio Lower Upper

65 100

67 54.5 0.0 107.6

Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

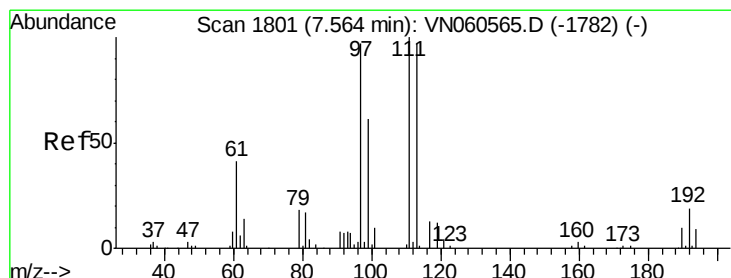
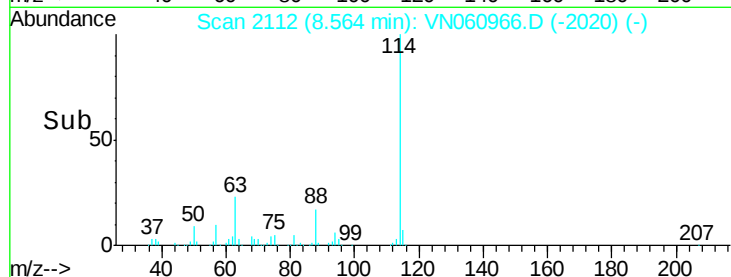
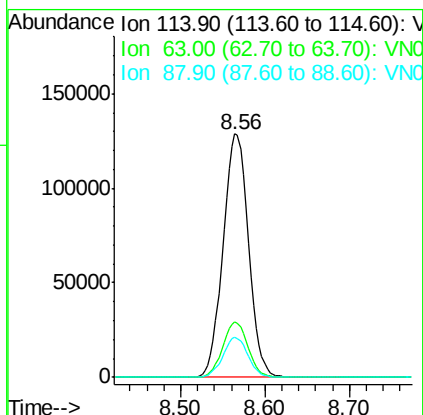
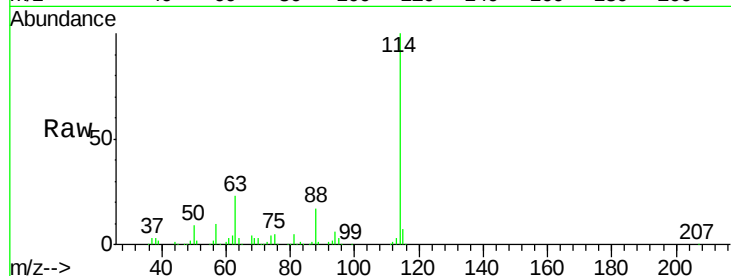




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060966.D
 Acq: 15 Apr 2020 17:00

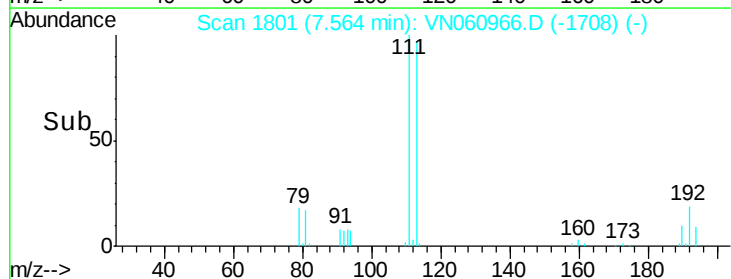
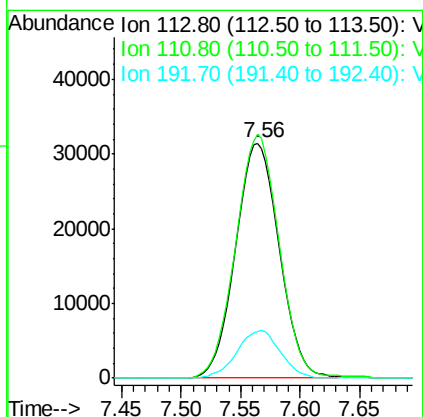
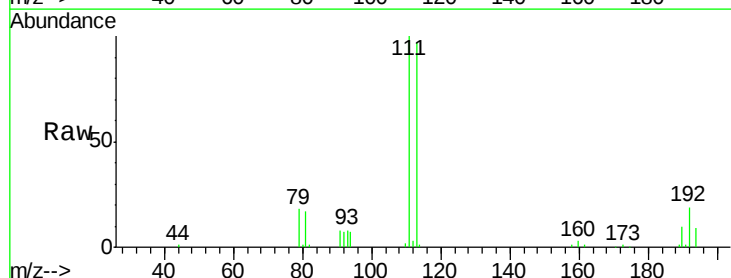
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-21A

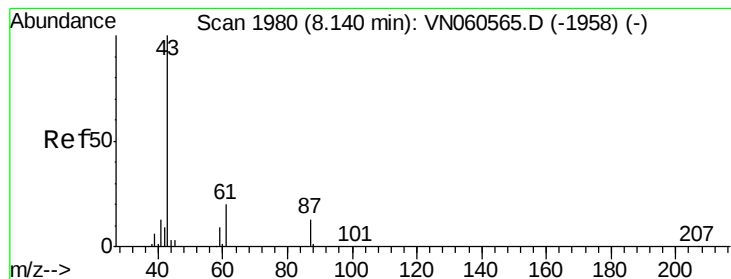
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	43.8
88	16.5	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 49.003 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060966.D
 Acq: 15 Apr 2020 17:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.9	124.3
192	20.0	15.8	23.8





#43

Isopropyl Acetate

Concen: 10.722 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060966.D

Acq: 15 Apr 2020 17:00

Instrument :

MSVOA_N

ClientSampleId :

TP-21A

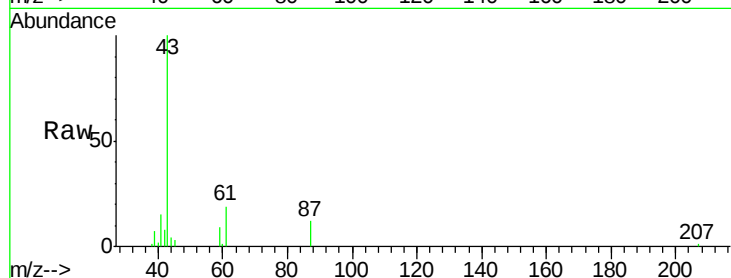
Tot Ion: 43 Resp: 49951

Ion Ratio Lower Upper

43 100

61 19.0 20.7 31.1#

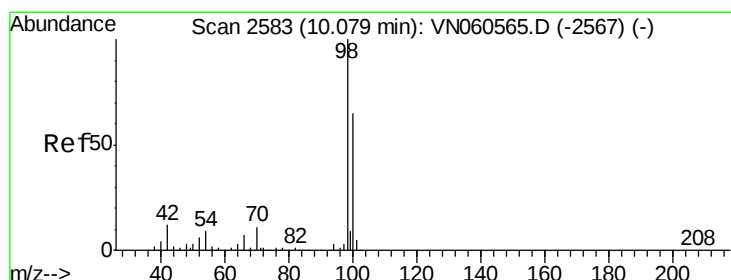
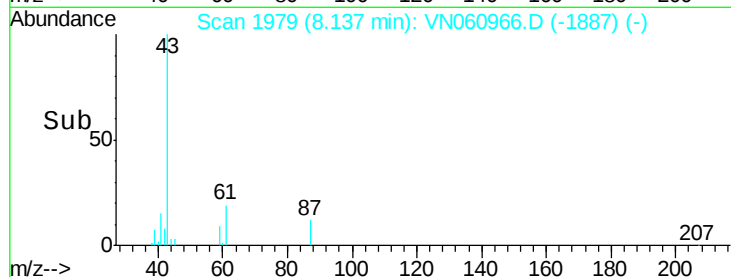
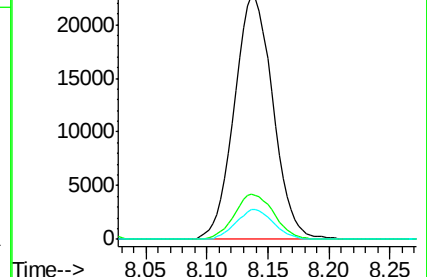
87 11.7 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060966.D (-1979) (-)

Ion 61.00 (60.70 to 61.70): VN060966.D (-1979) (-)

Ion 87.00 (86.70 to 87.70): VN060966.D (-1979) (-)



#50

Toluene-d8

Concen: 50.325 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060966.D

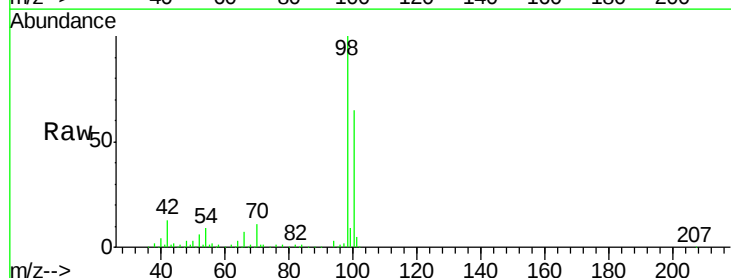
Acq: 15 Apr 2020 17:00

Tgt Ion: 98 Resp: 335579

Ion Ratio Lower Upper

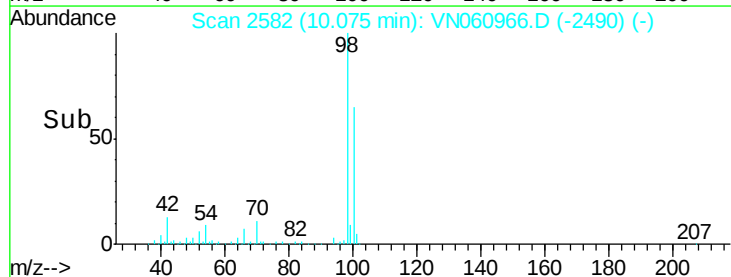
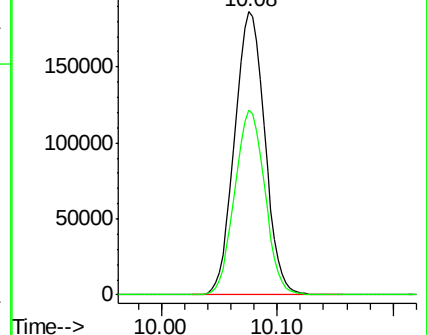
98 100

100 65.2 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060966.D (-2582) (-)

Ion 100.00 (99.70 to 100.70): VN060966.D (-2582) (-)

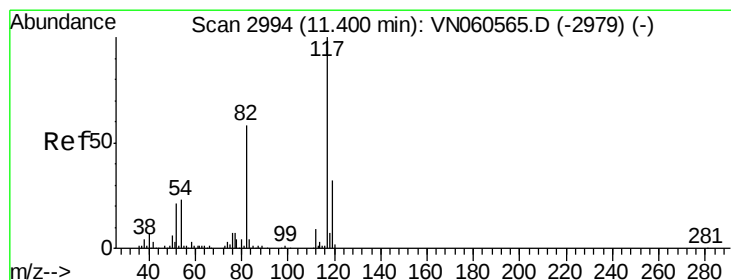
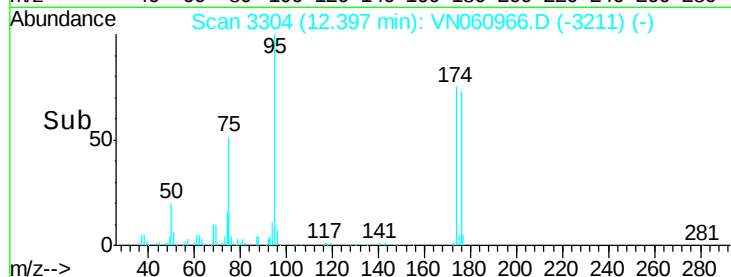
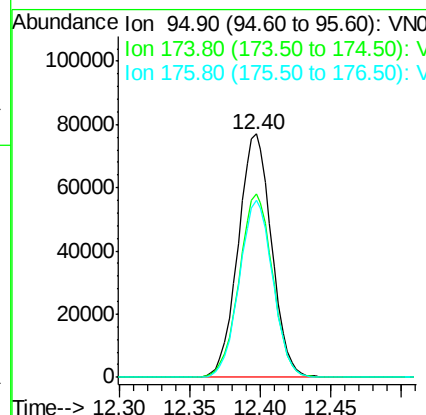
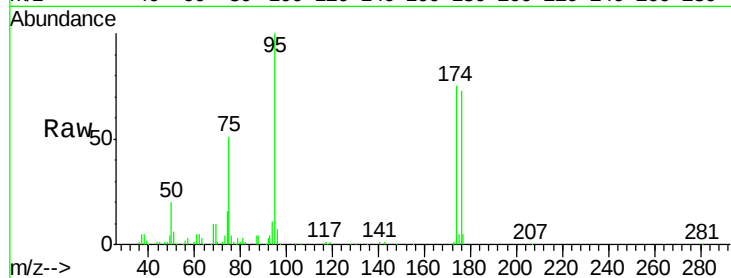




#62
4-Bromofluorobenzene
Concen: 52.247 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060966.D
Acq: 15 Apr 2020 17:00

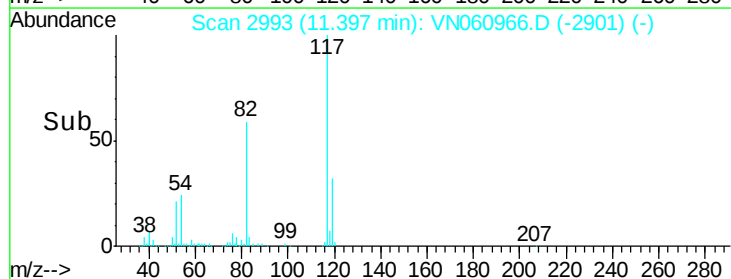
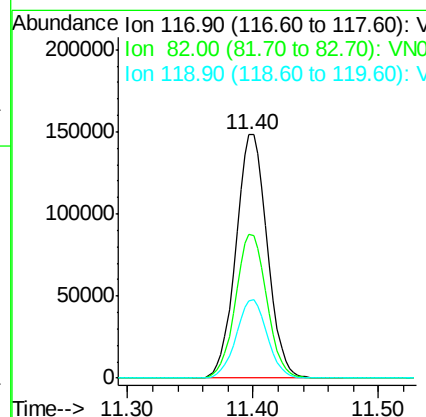
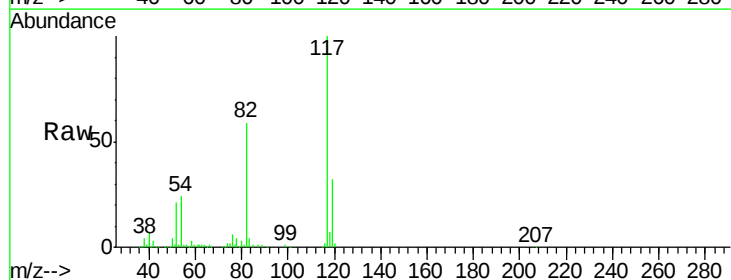
Instrument :
MSVOA_N
ClientSampled :
TP-21A

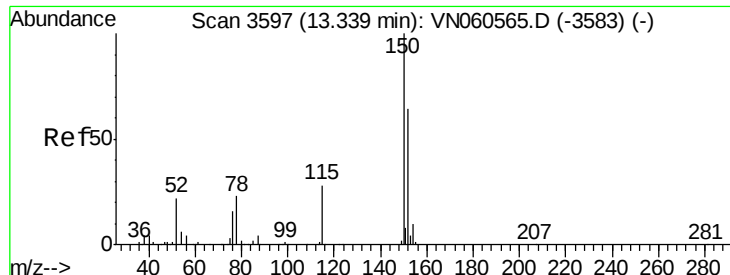
Tot Ion: 95 Resp: 127683
Ion Ratio Lower Upper
95 100
174 75.6 0.0 157.6
176 73.1 0.0 150.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060966.D
Acq: 15 Apr 2020 17:00

Tgt Ion: 117 Resp: 256152
Ion Ratio Lower Upper
117 100
82 59.3 46.7 70.1
119 32.0 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: VN060966.D

Acq: 15 Apr 2020 17:00

Instrument :

MSVOA_N

ClientSampleId :

TP-21A

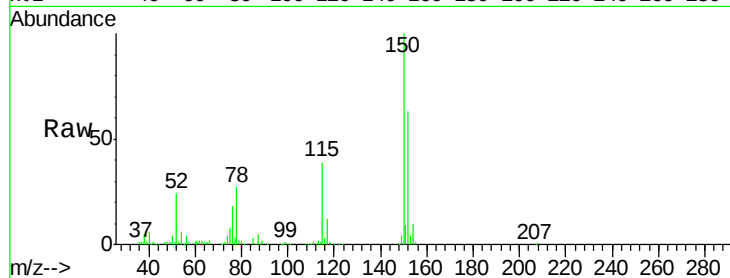
Tot Ion:152 Resp: 115846

Ion Ratio Lower Upper

152 100

115 61.4 30.2 90.6

150 157.2 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

