

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083119\
 Data File : VN057600.D
 Acq On : 30 Aug 2019 20:28
 Operator : JC/SP
 Sample : K4517-24
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-S-D1-(0)

Quant Time: Aug 31 01:21:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 11:59:03 2019
 Response via : Initial Calibration

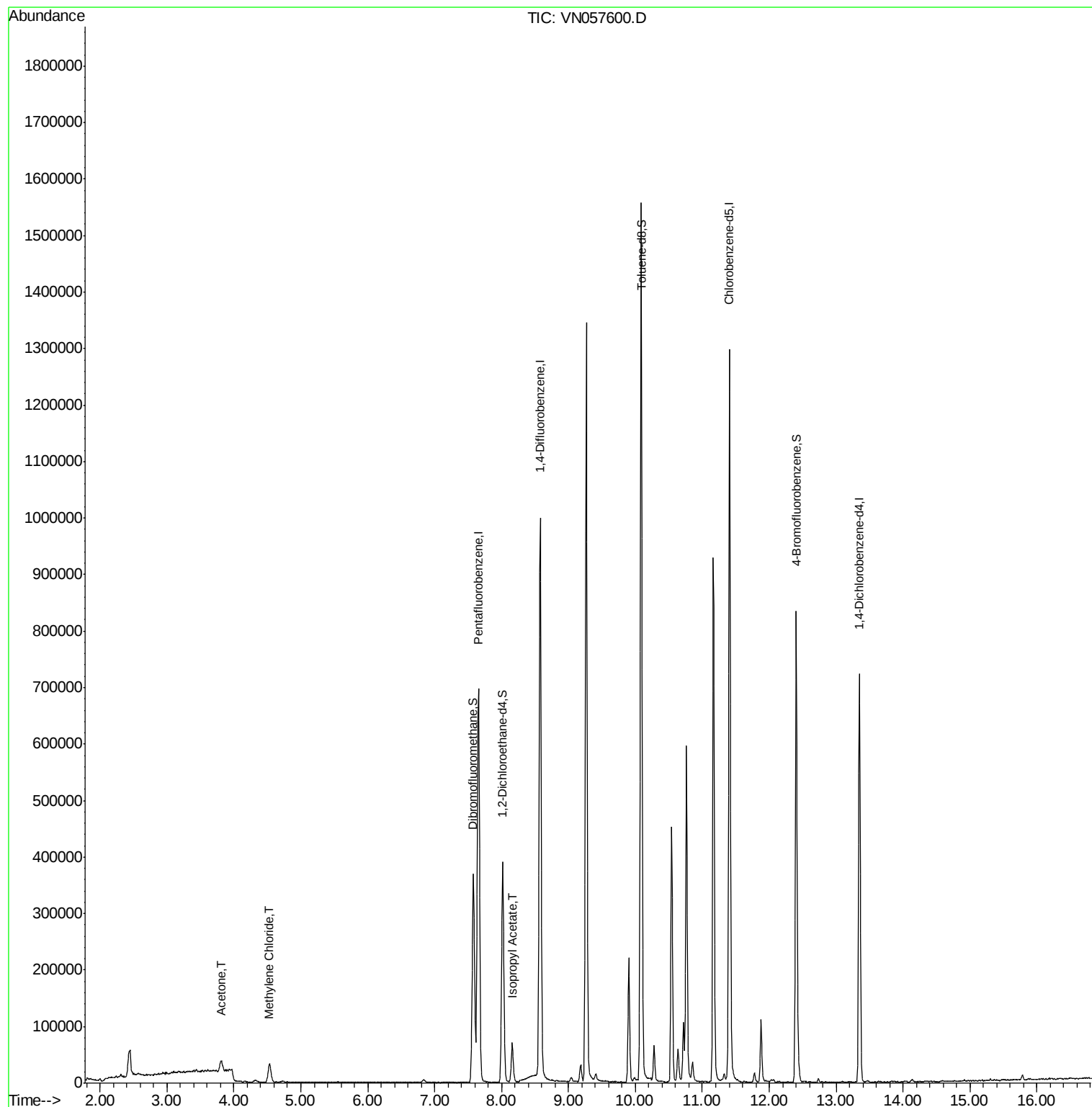
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	585533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	896539	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	776754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	204584	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	344027	35.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.80%	
35) Dibromofluoromethane	7.58	113	268300	33.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.96%	
50) Toluene-d8	10.08	98	1093930	38.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.18%	
62) 4-Bromofluorobenzene	12.40	95	295518	31.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.12%	
Target Compounds						
16) Acetone	3.81	43	27940	7.212	ug/l	92
20) Methylene Chloride	4.53	84	23787	3.315	ug/l	86
43) Isopropyl Acetate	8.16	43	77247	6.441	ug/l #	95

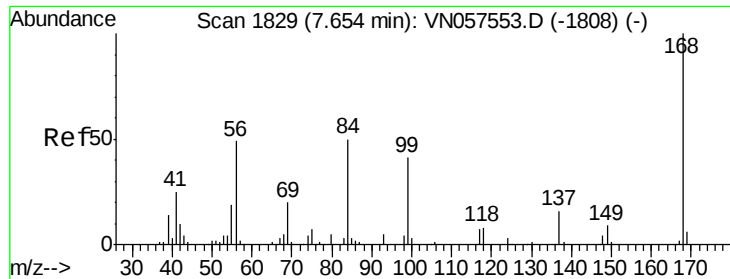
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN083119\
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MSVOA_N
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 11:59:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN057600.D

Acq: 30 Aug 2019 20:28

Instrument :

MSVOA_N

ClientSampled :

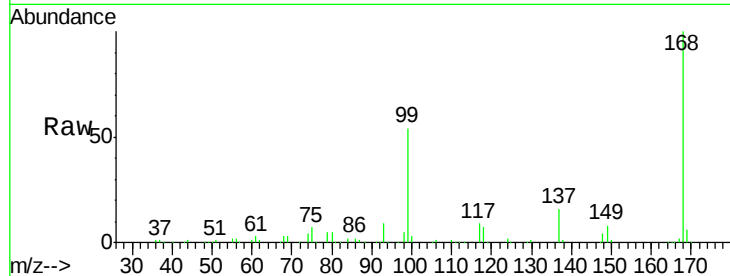
T4-S-D1-(0)

Tot Ion:168 Resp: 585533

Ion Ratio Lower Upper

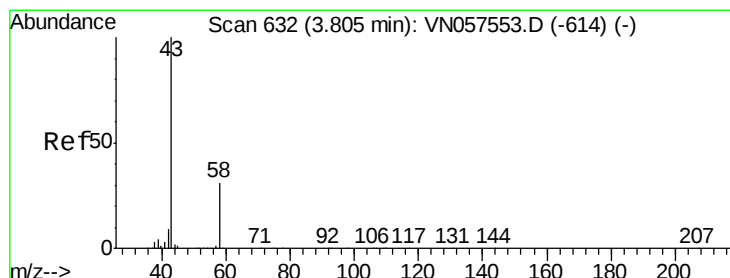
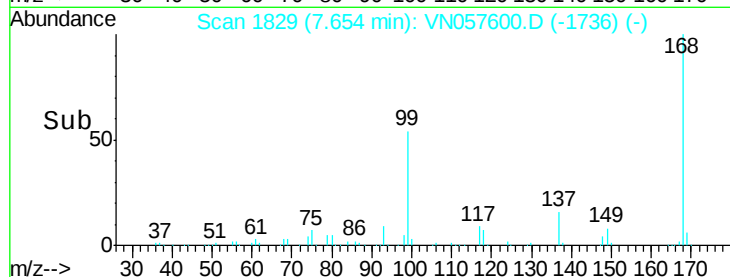
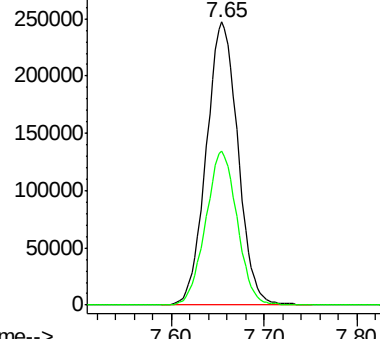
168 100

99 54.4 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 7.212 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN057600.D

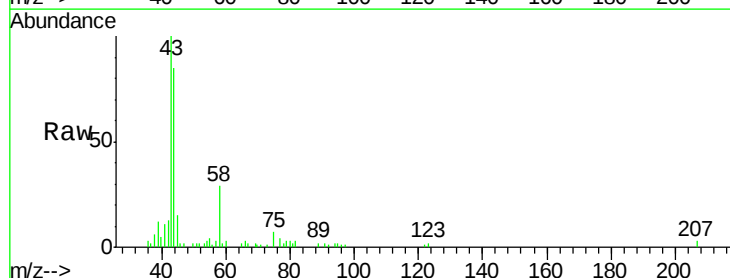
Acq: 30 Aug 2019 20:28

Tgt Ion: 43 Resp: 27940

Ion Ratio Lower Upper

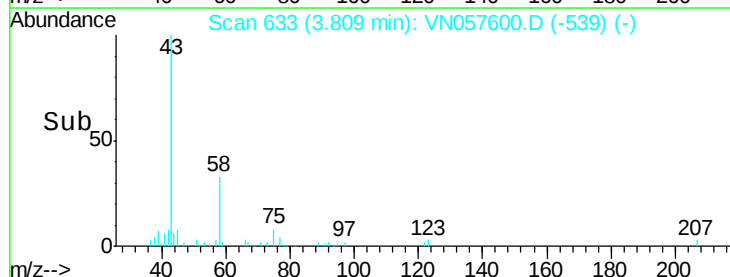
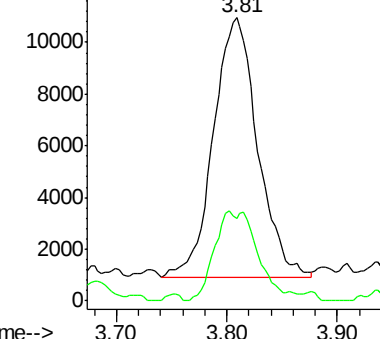
43 100

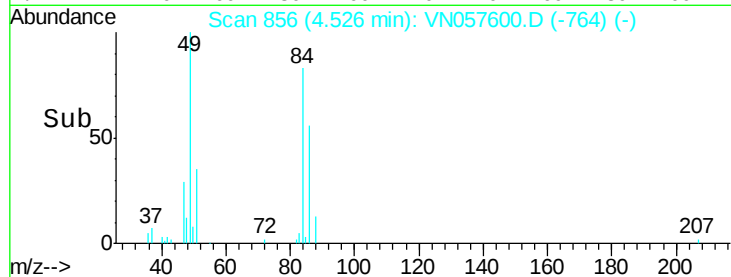
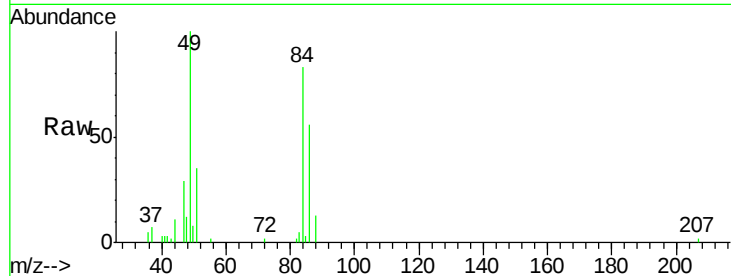
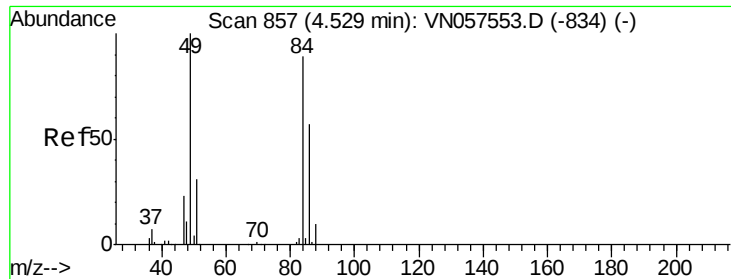
58 31.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

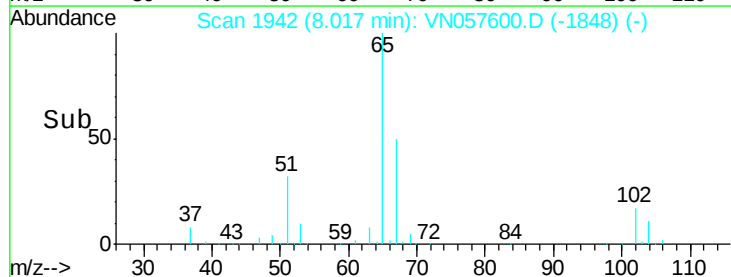
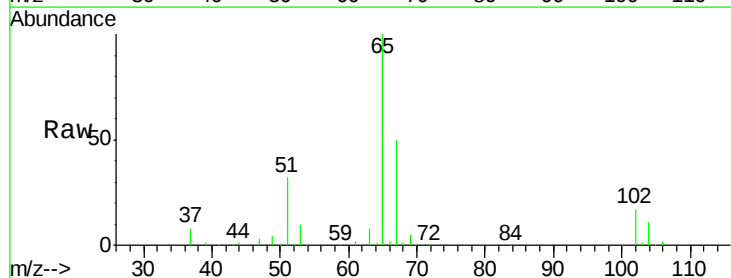
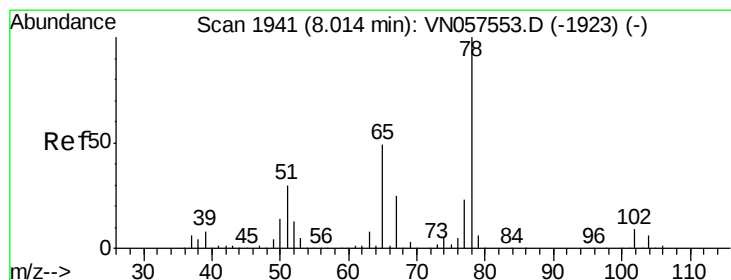
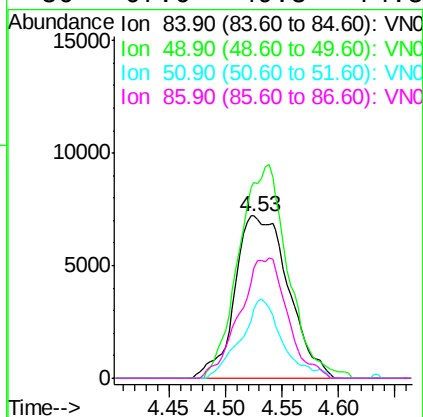




#20
Methvlene Chloride
Concen: 3.315 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN057600.D
Acq: 30 Aug 2019 20:28

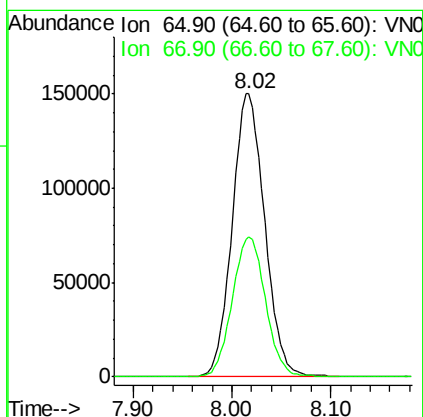
Instrument :
MSVOA_N
ClientSampled :
T4-S-D1-(0)

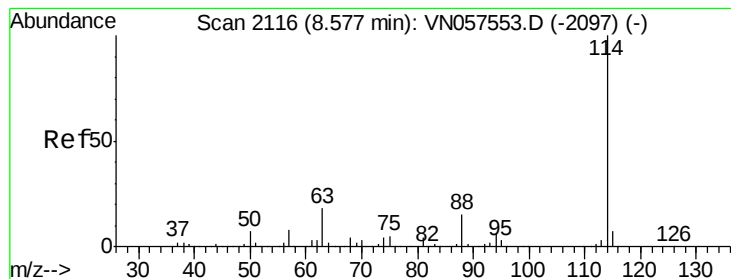
Tot Ion: 84 Resp: 23787
Ion Ratio Lower Upper
84 100
49 120.6 117.0 175.4
51 42.4 35.5 53.3
86 67.6 49.8 74.8



#33
1,2-Dichloroethane-d4
Concen: 35.897 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN057600.D
Acq: 30 Aug 2019 20:28

Tgt Ion: 65 Resp: 344027
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. -0.00 min

Lab File: VN057600.D

Acq: 30 Aug 2019 20:28

Instrument :

MSVOA_N

ClientSampled :

T4-S-D1-(0)

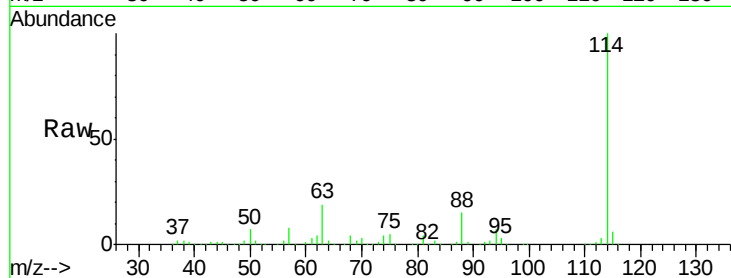
Tot Ion:114 Resp: 896539

Ion Ratio Lower Upper

114 100

63 18.5 0.0 50.2

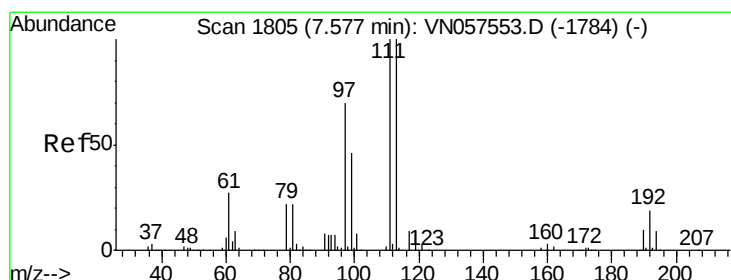
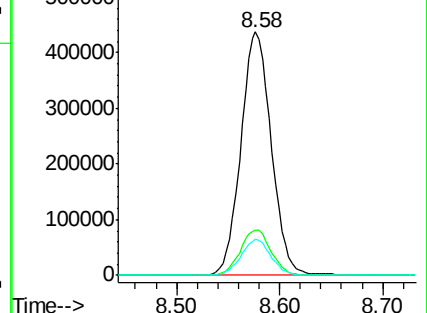
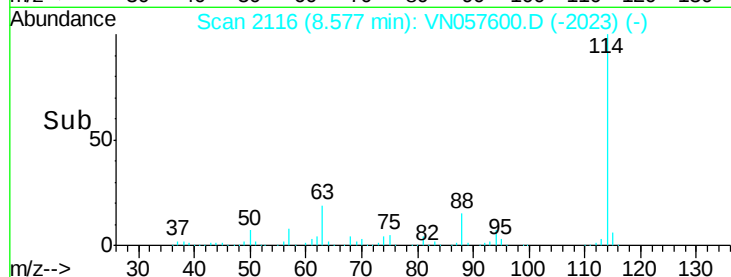
88 14.7 0.0 34.6



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



#35

Dibromofluoromethane

Concen: 33.482 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. 0.00 min

Lab File: VN057600.D

Acq: 30 Aug 2019 20:28

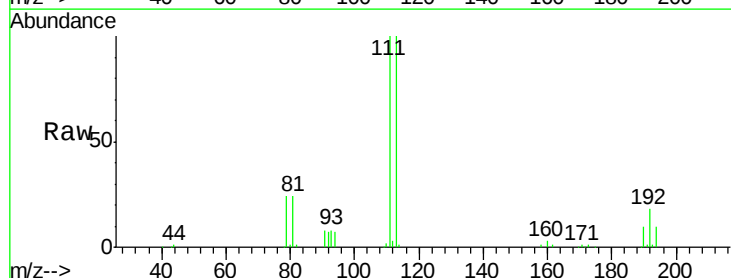
Tgt Ion:113 Resp: 268300

Ion Ratio Lower Upper

113 100

111 104.0 83.8 125.6

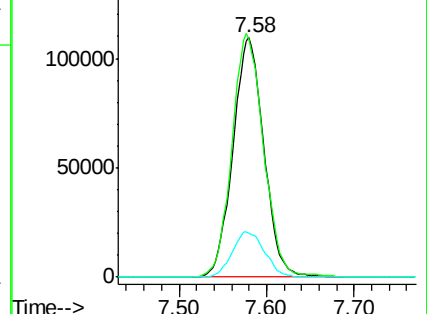
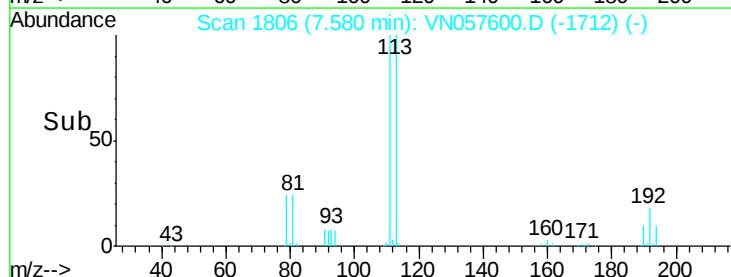
192 19.8 13.5 20.3

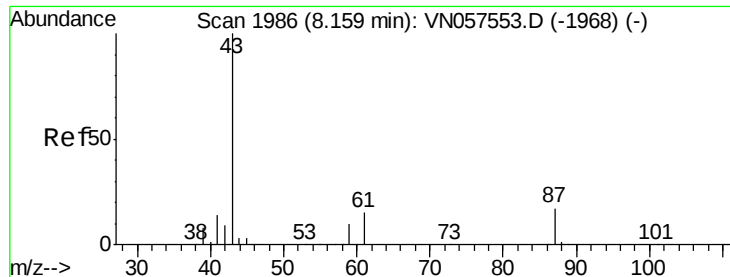


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 6.441 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN057600.D

Acq: 30 Aug 2019 20:28

Instrument :

MSVOA_N

ClientSampleId :

T4-S-D1-(0)

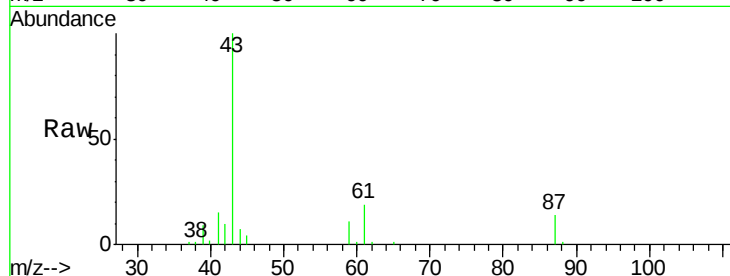
Tot Ion: 43 Resp: 77247

Ion Ratio Lower Upper

43 100

61 18.8 14.5 21.7

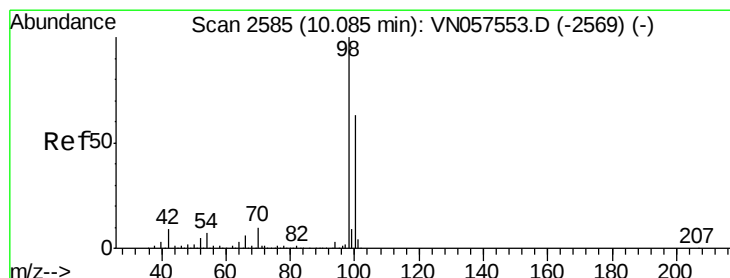
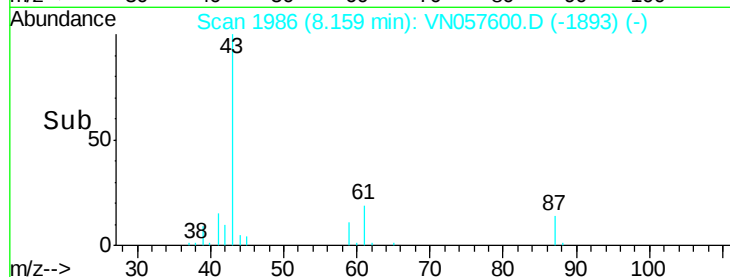
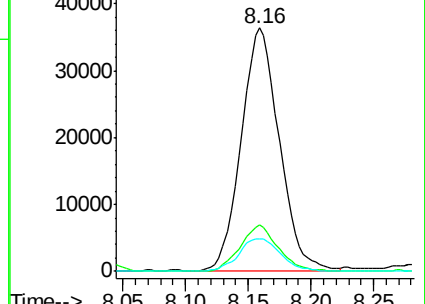
87 14.7 8.6 12.8#



Abundance Ion 43.00 (42.70 to 43.70): VN057600.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN057600.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN057600.D (-1893) (-)



#50

Toluene-d8

Concen: 38.594 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057600.D

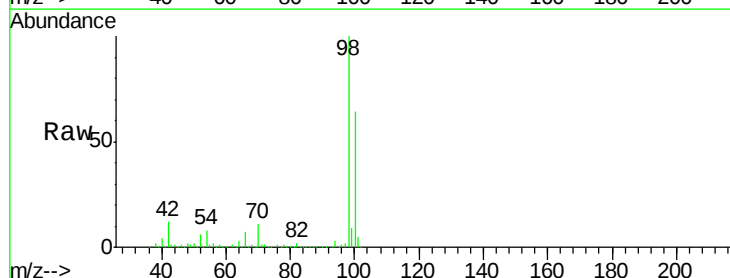
Acq: 30 Aug 2019 20:28

Tgt Ion: 98 Resp: 1093930

Ion Ratio Lower Upper

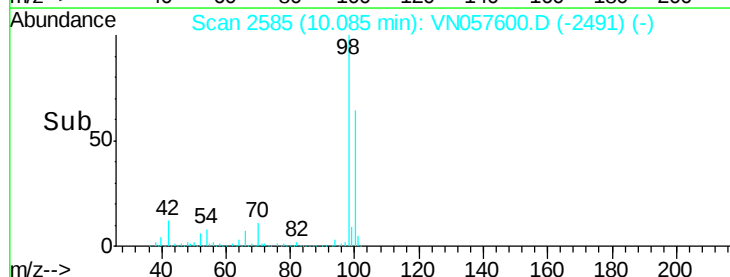
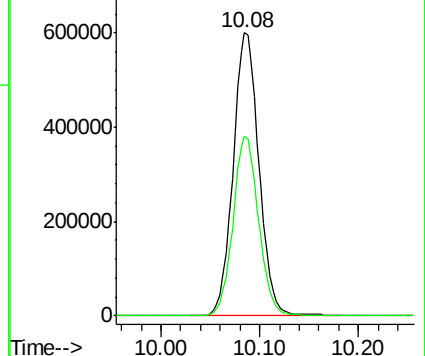
98 100

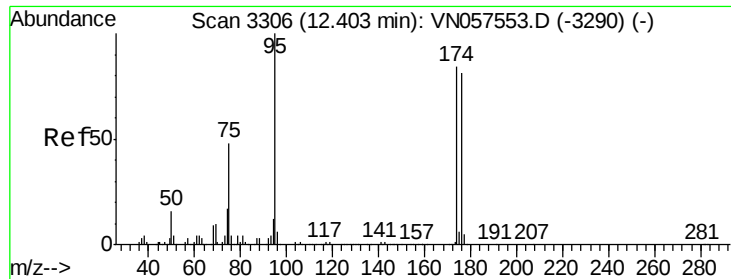
100 63.1 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN057600.D (-2491) (-)

Ion 100.00 (99.70 to 100.70): VN057600.D (-2491) (-)

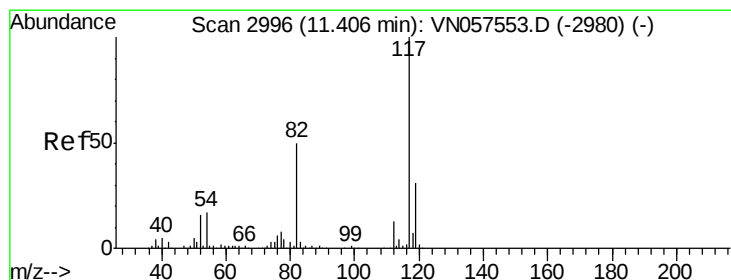
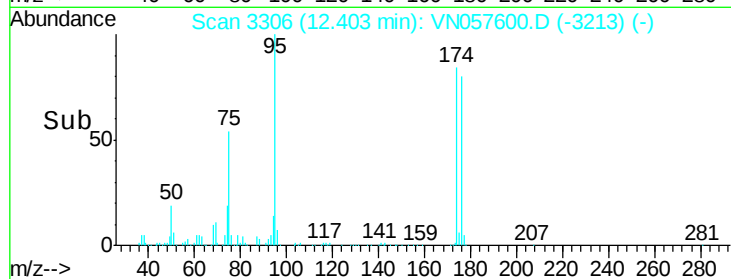
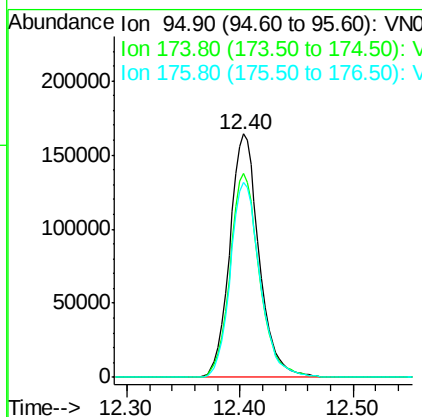
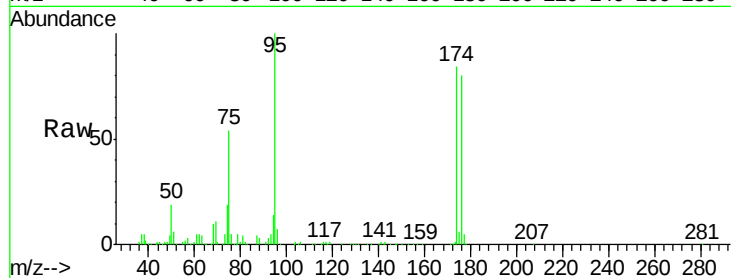




#62
4-Bromofluorobenzene
Concen: 31.059 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057600.D
Acq: 30 Aug 2019 20:28

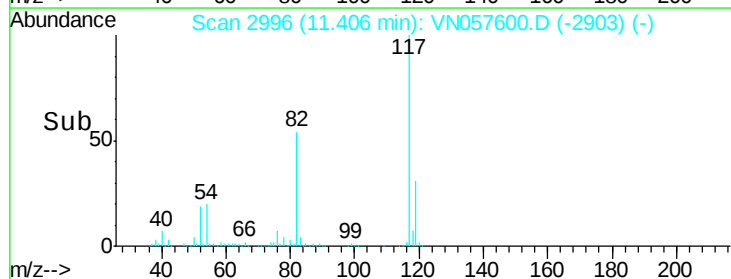
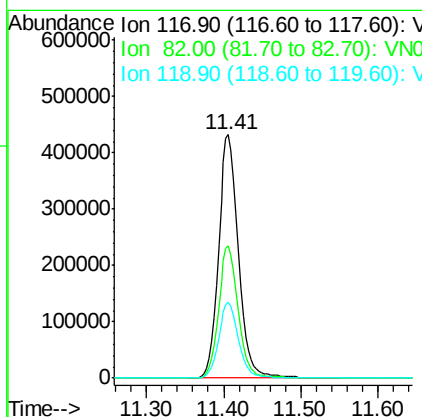
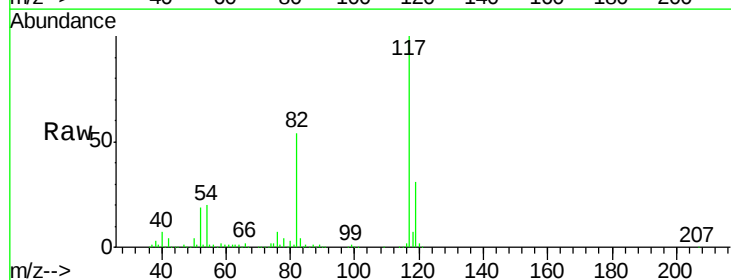
Instrument :
MSVOA_N
ClientSampleId :
T4-S-D1-(0)

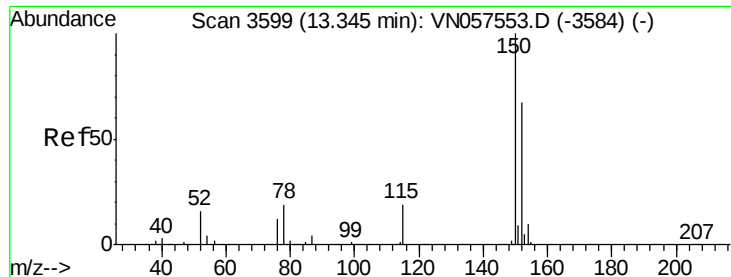
Tot Ion	95	Resp	295518
Ion Ratio	Lower	Upper	
95	100		
174	84.0	0.0	133.0
176	81.2	0.0	130.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN057600.D
Acq: 30 Aug 2019 20:28

Tgt Ion	117	Resp	776754
Ion Ratio	Lower	Upper	
117	100		
82	54.2	50.6	75.8
119	31.2	24.6	36.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057600.D

Acq: 30 Aug 2019 20:28

Instrument :

MSVOA_N

ClientSampleId :

T4-S-D1-(0)

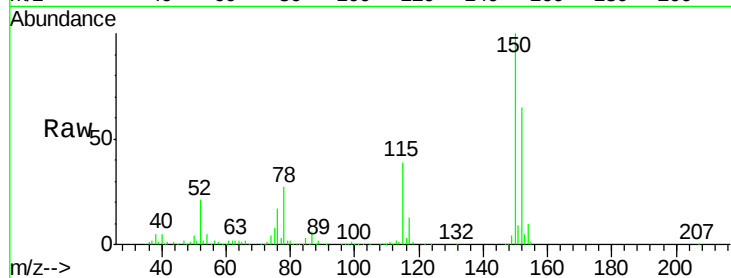
Tot Ion:152 Resp: 204584

Ion Ratio Lower Upper

152 100

115 59.0 32.0 96.0

150 155.1 0.0 346.6



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

