

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041420\
 Data File : VN060935.D
 Acq On : 14 Apr 2020 15:52
 Operator : JC/MD
 Sample : L2230-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-18

Quant Time: Apr 15 09:23:02 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

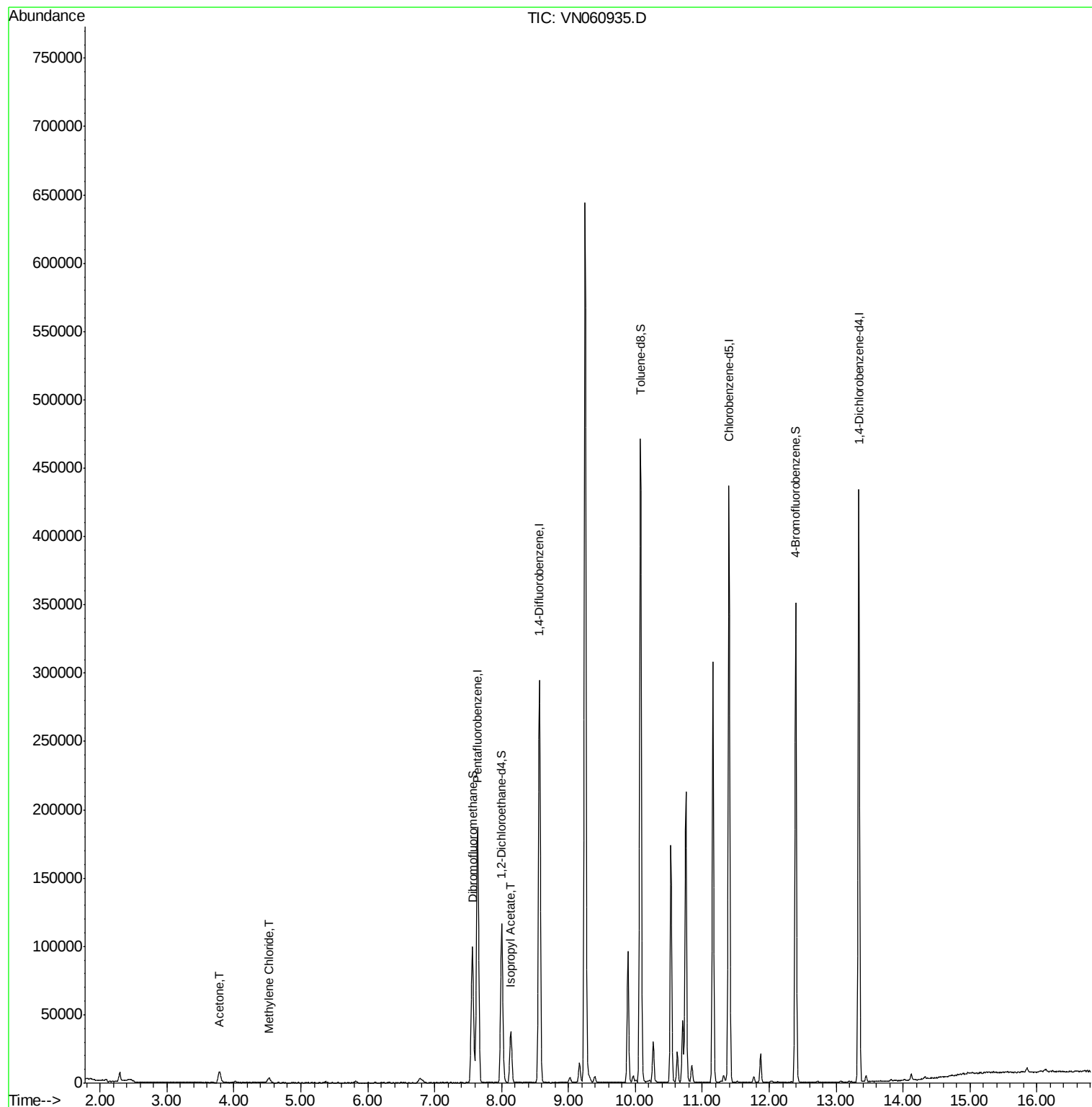
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	153398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	259455	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	244226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	110565	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	101119	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
35) Dibromofluoromethane	7.56	113	77211	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
50) Toluene-d8	10.08	98	321692	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.40	95	121596	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
Target Compounds						
16) Acetone	3.78	43	16053	21.521	ug/l	99
20) Methylene Chloride	4.53	84	2825	1.540	ug/l	90
43) Isopropyl Acetate	8.14	43	44900	10.029	ug/l #	91

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

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Quant Title : SW846 8260
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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: VN060935.D

Acq: 14 Apr 2020 15:52

Instrument :

MSVOA_N

ClientSampled :

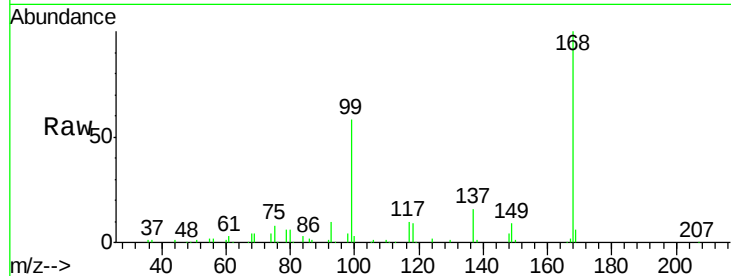
TP-18

Tot Ion:168 Resp: 153398

Ion Ratio Lower Upper

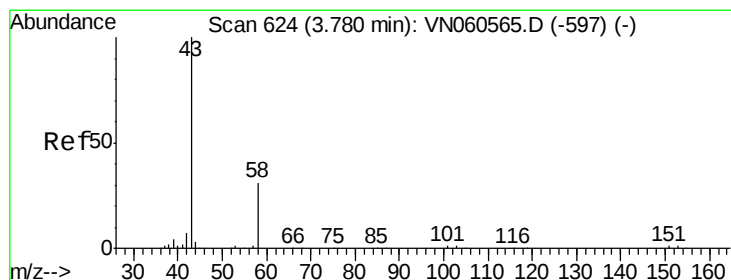
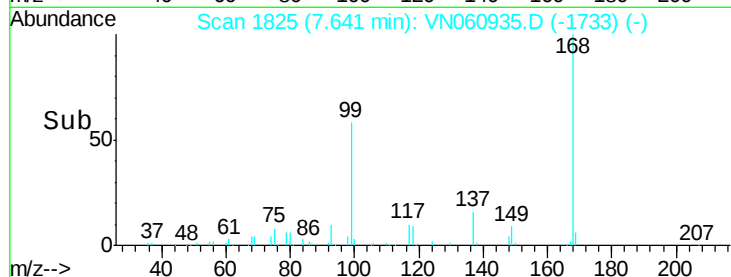
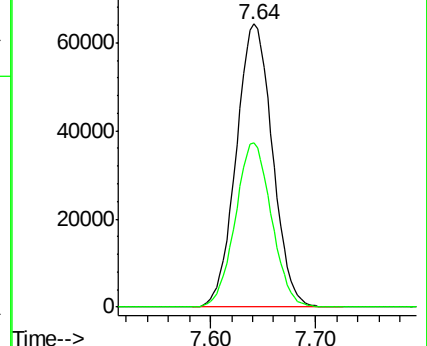
168 100

99 58.2 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 21.521 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060935.D

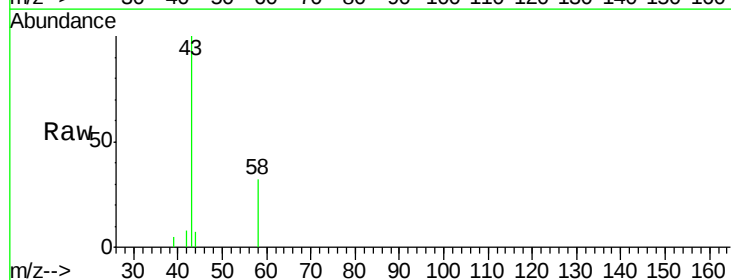
Acq: 14 Apr 2020 15:52

Tgt Ion: 43 Resp: 16053

Ion Ratio Lower Upper

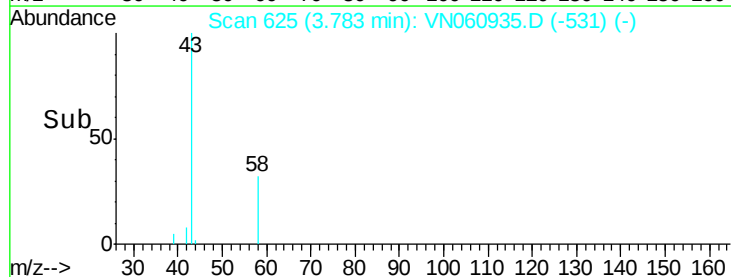
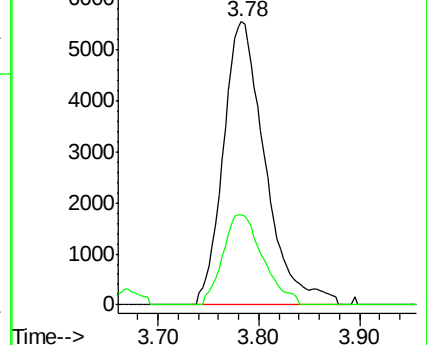
43 100

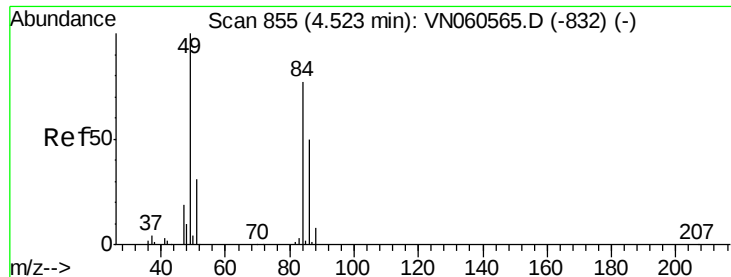
58 31.7 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

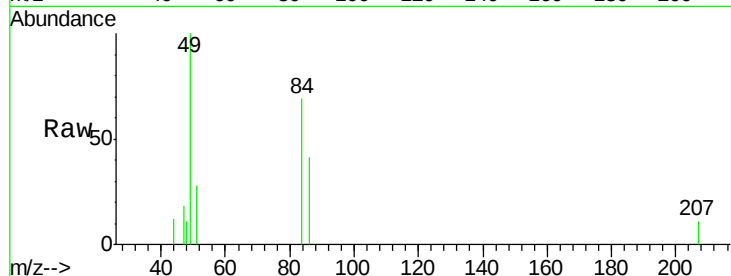




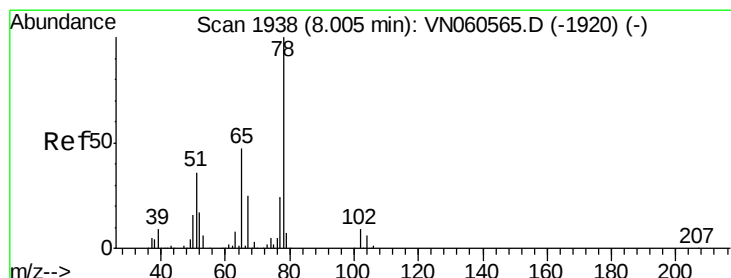
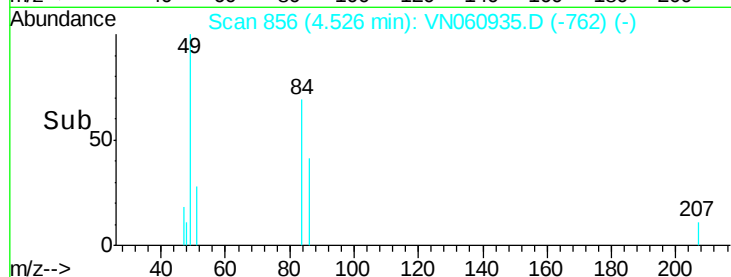
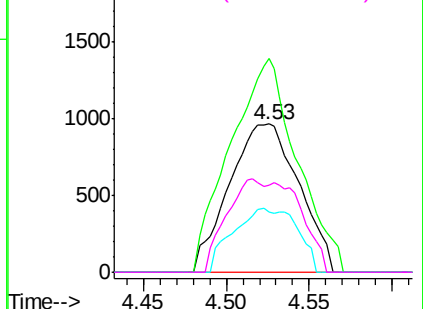
#20
Methylene Chloride
Concen: 1.540 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060935.D
Acq: 14 Apr 2020 15:52

Instrument :
MSVOA_N
ClientSampled :
TP-18

Tot Ion:	84	Resp:	2825
Ion	Ratio	Lower	Upper
84	100		
49	144.1	103.3	154.9
51	40.8	31.6	47.4
86	58.5	52.0	78.0

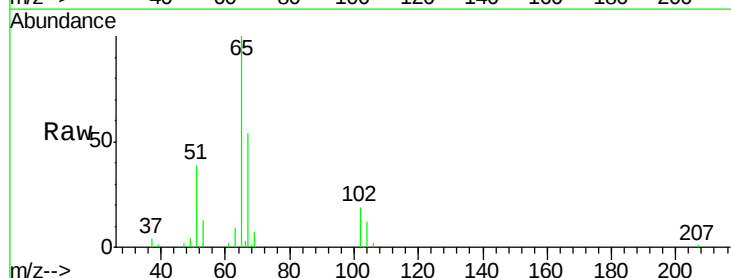


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

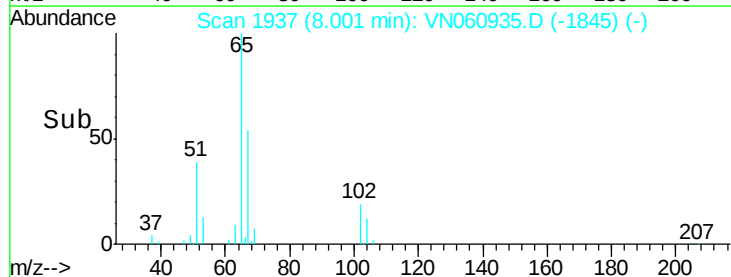
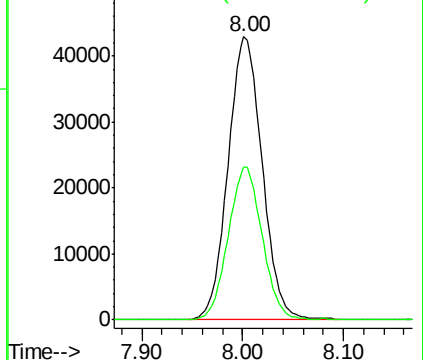


#33
1,2-Dichloroethane-d4
Concen: 48.019 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060935.D
Acq: 14 Apr 2020 15:52

Tgt Ion:	65	Resp:	101119
Ion	Ratio	Lower	Upper
65	100		
67	53.4	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: VN060935.D

Acq: 14 Apr 2020 15:52

Instrument :

MSVOA_N

ClientSampleId :

TP-18

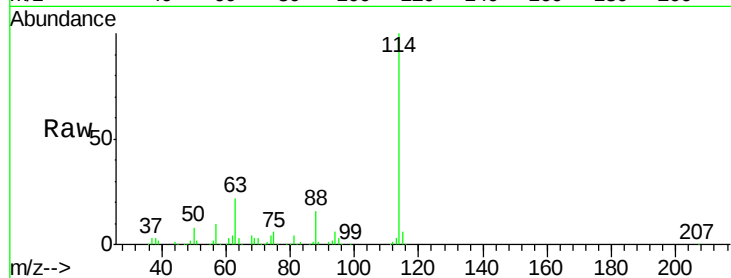
Tot Ion:114 Resp: 259455

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.8

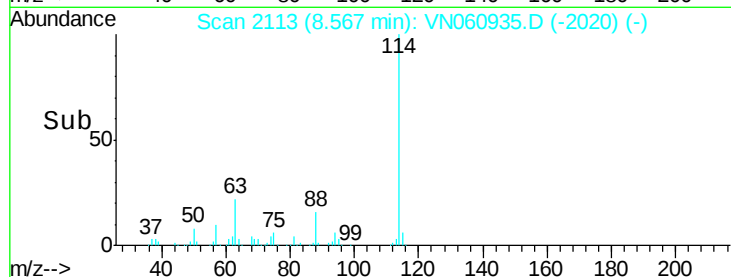
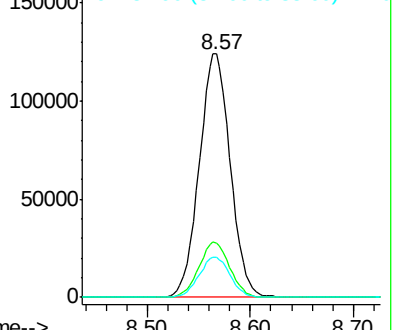
88 16.4 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 49.215 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060935.D

Acq: 14 Apr 2020 15:52

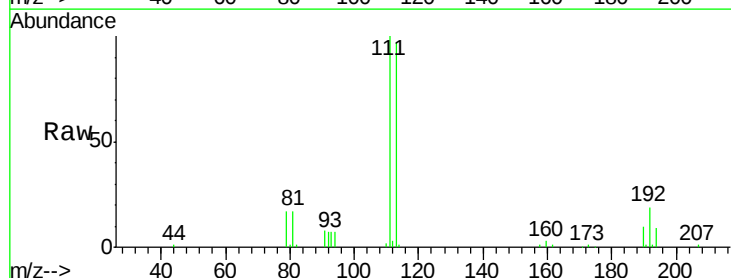
Tgt Ion:113 Resp: 77211

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

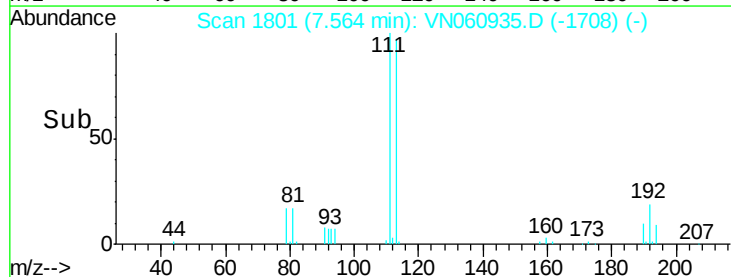
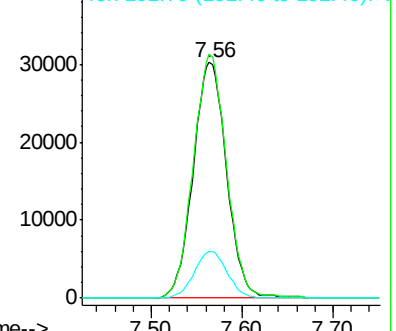
192 19.4 15.8 23.8

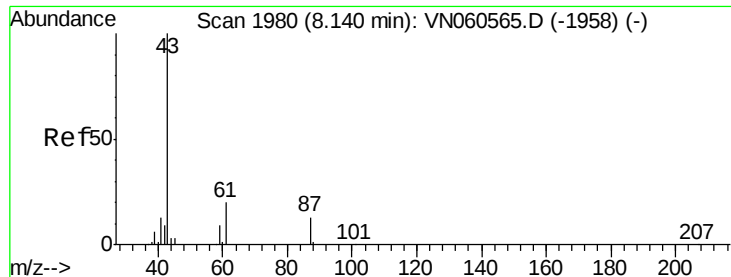


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.029 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060935.D

Acq: 14 Apr 2020 15:52

Instrument :

MSVOA_N

ClientSampled :

TP-18

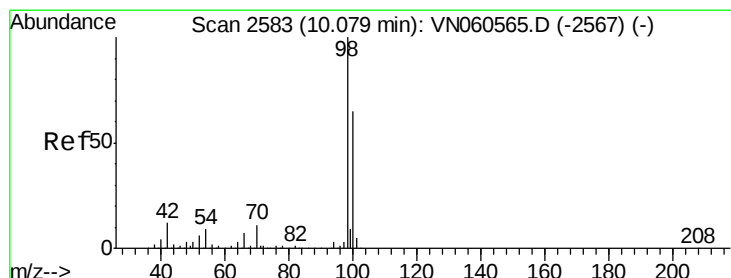
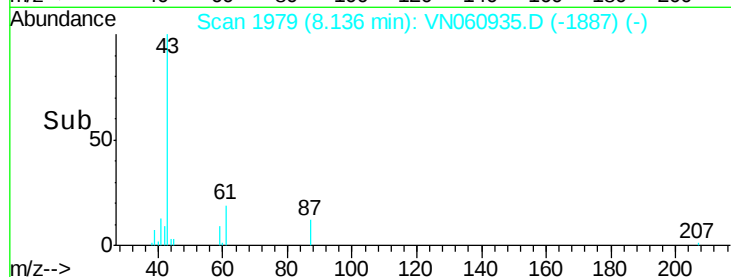
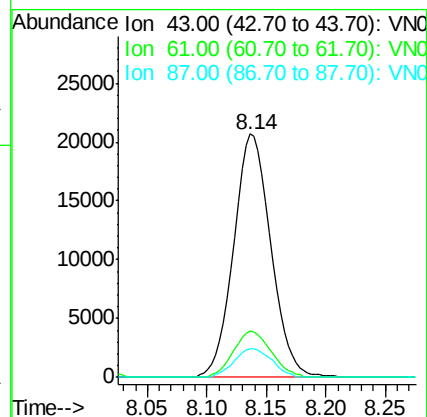
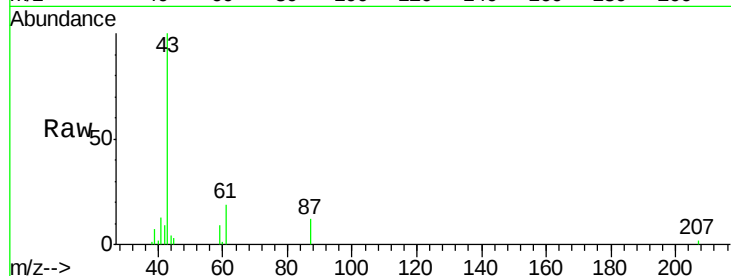
Tot Ion: 43 Resp: 44900

Ion Ratio Lower Upper

43 100

61 19.2 20.7 31.1#

87 11.9 9.8 14.8



#50

Toluene-d8

Concen: 50.201 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060935.D

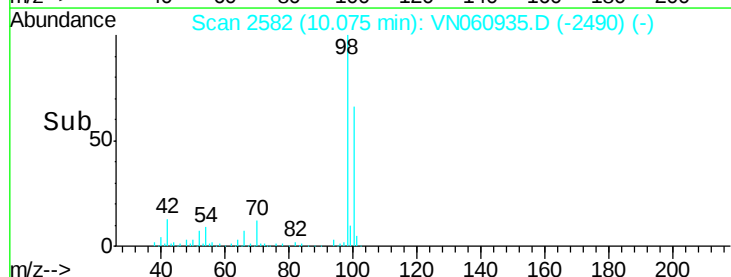
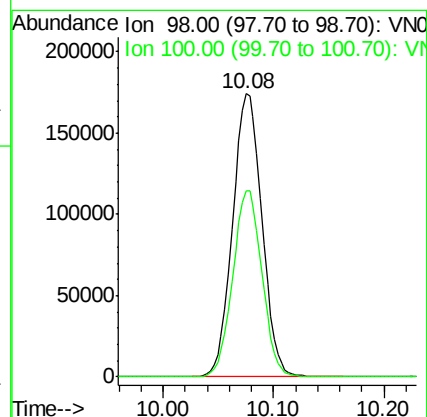
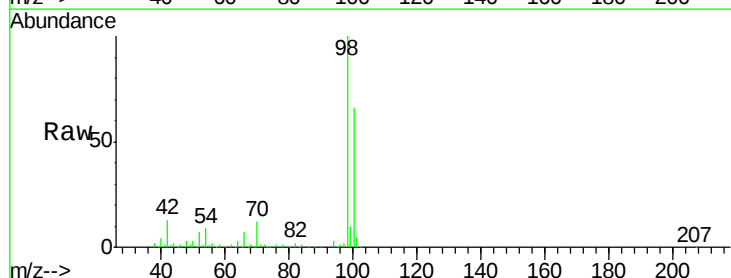
Acq: 14 Apr 2020 15:52

Tgt Ion: 98 Resp: 321692

Ion Ratio Lower Upper

98 100

100 65.4 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 51.776 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060935.D

Acq: 14 Apr 2020 15:52

Instrument :

MSVOA_N

ClientSampleId :

TP-18

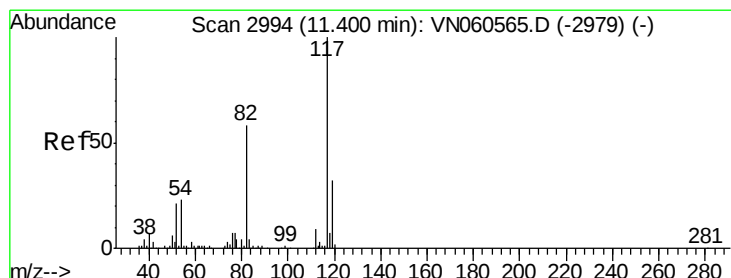
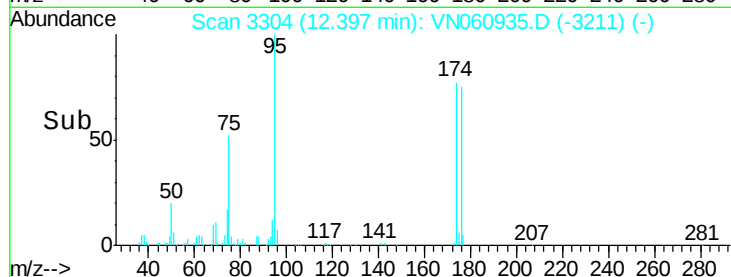
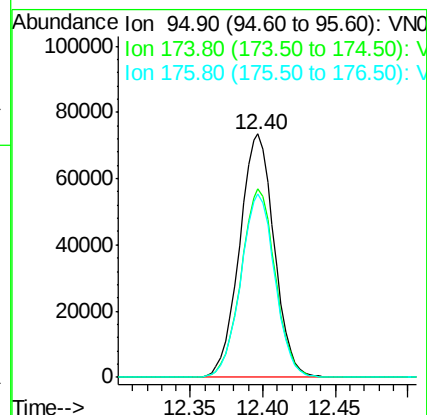
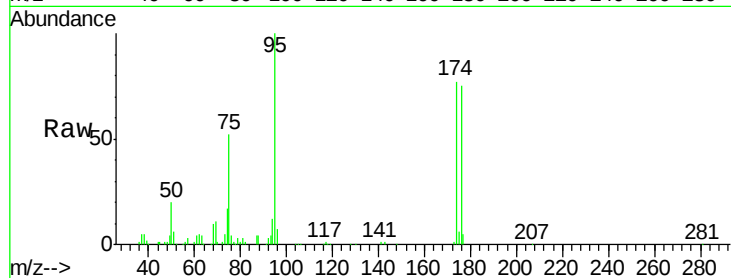
Tot Ion: 95 Resp: 121596

Ion Ratio Lower Upper

95 100

174 76.4 0.0 157.6

176 74.2 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: VN060935.D

Acq: 14 Apr 2020 15:52

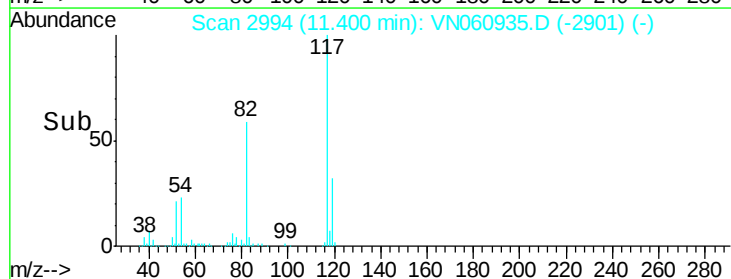
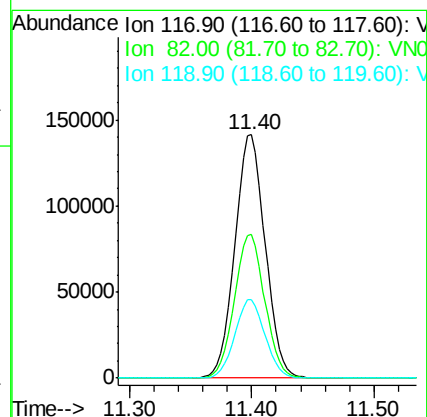
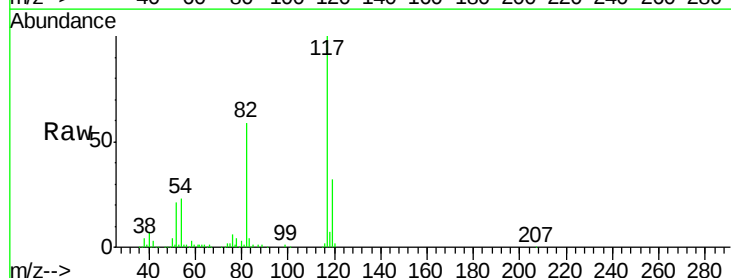
Tgt Ion: 117 Resp: 244226

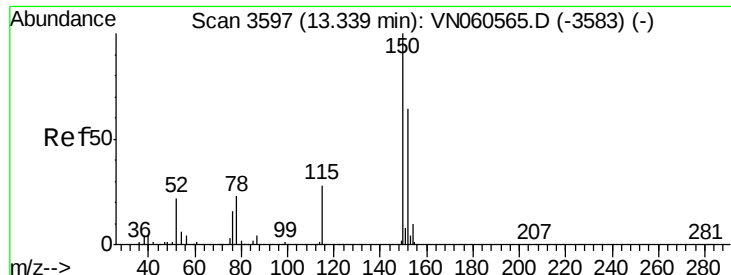
Ion Ratio Lower Upper

117 100

82 58.9 46.7 70.1

119 32.3 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: VN060935.D

Acq: 14 Apr 2020 15:52

Instrument :

MSVOA_N

ClientSampleId :

TP-18

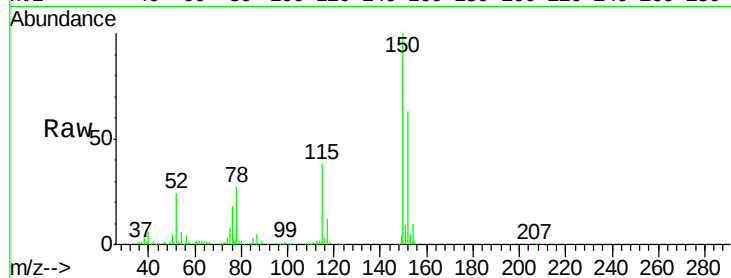
Tot Ion:152 Resp: 110565

Ion Ratio Lower Upper

152 100

115 61.2 30.2 90.6

150 158.5 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

