

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060969.D
 Acq On : 15 Apr 2020 18:08
 Operator : JC/MD
 Sample : L2245-37
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-27

Quant Time: Apr 16 07:43:18 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

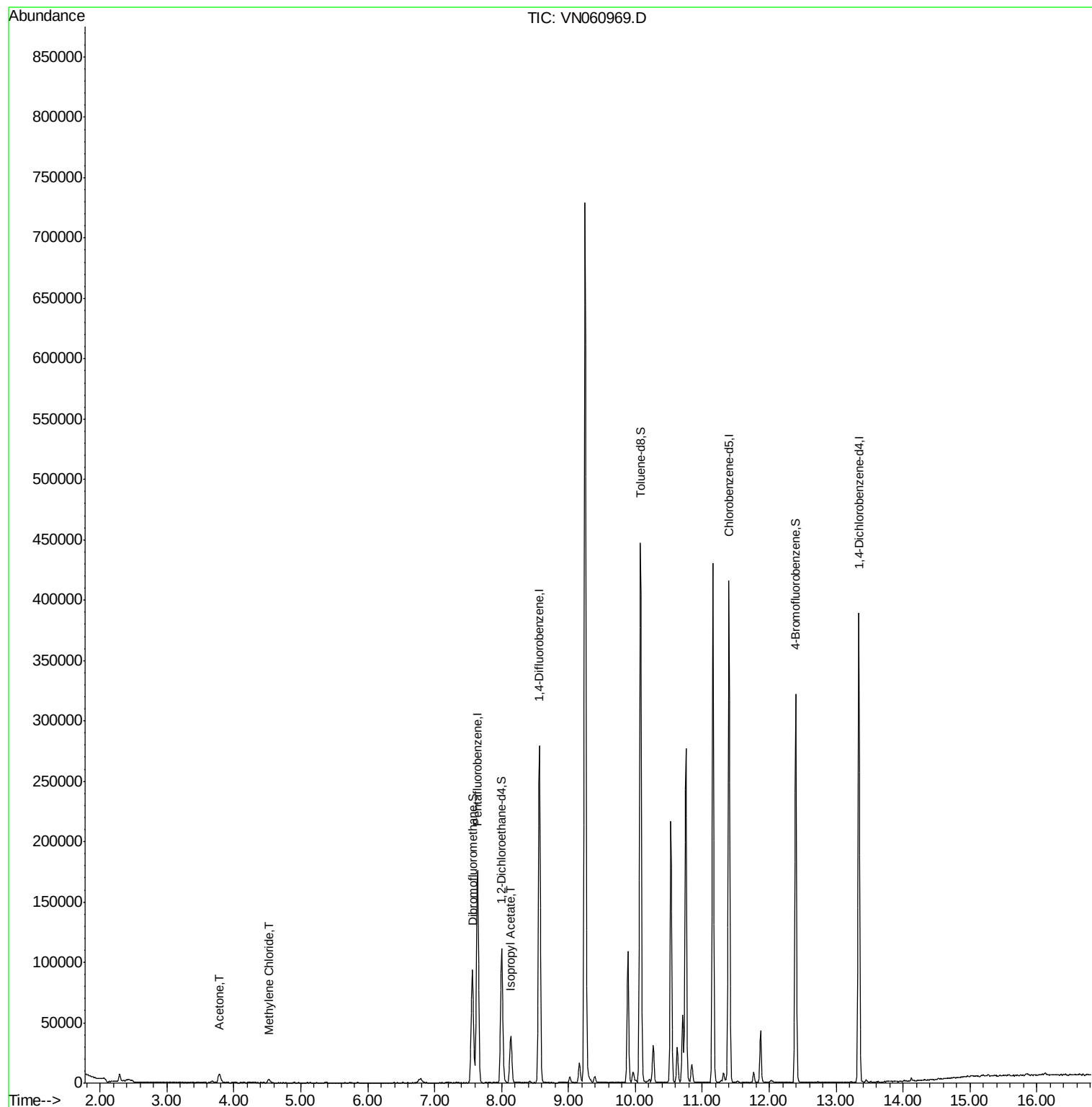
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	142082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	243320	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	231121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	101495	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	95782	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
35) Dibromofluoromethane	7.56	113	72901	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
50) Toluene-d8	10.08	98	304646	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	12.40	95	113334	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
Target Compounds						
16) Acetone	3.78	43	13731	19.874	ug/l	99
20) Methylene Chloride	4.53	84	1921	1.130	ug/l	89
43) Isopropyl Acetate	8.14	43	47951	11.421	ug/l #	90

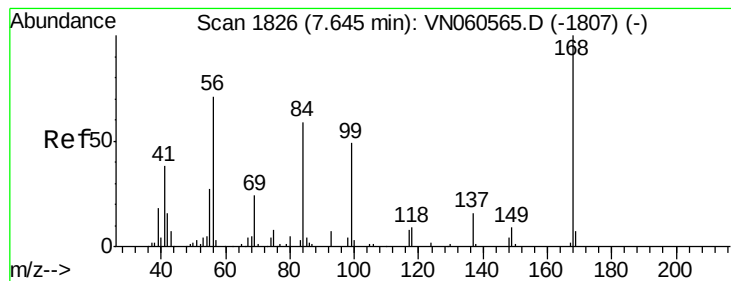
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060969.D

Acq: 15 Apr 2020 18:08

Instrument :

MSVOA_N

ClientSampled :

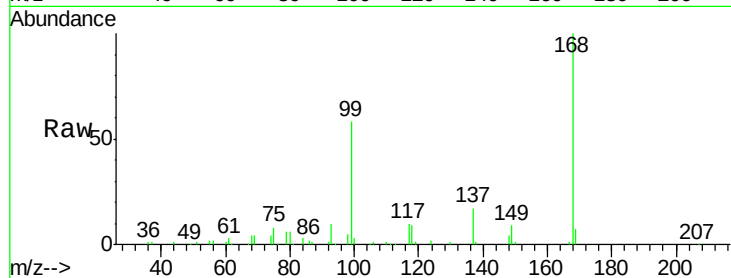
TP-27

Tot Ion:168 Resp: 142082

Ion Ratio Lower Upper

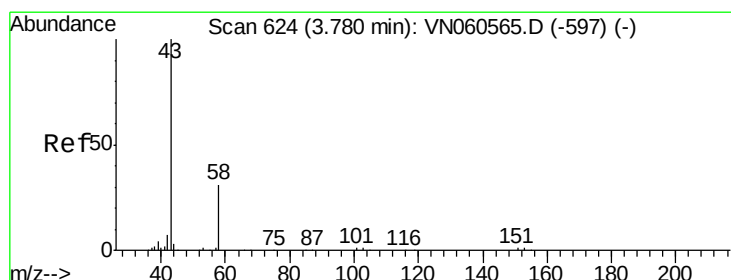
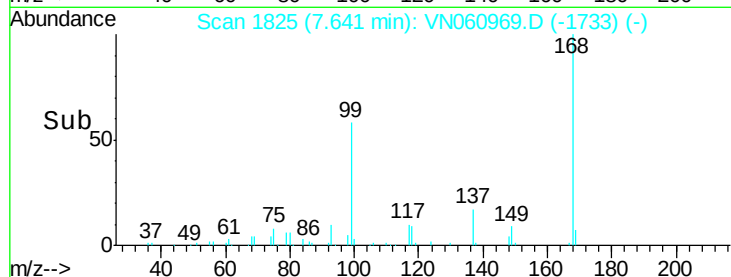
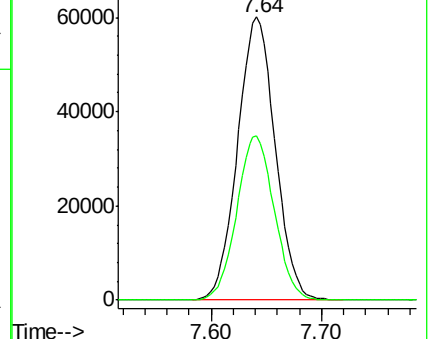
168 100

99 58.0 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: 19.874 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060969.D

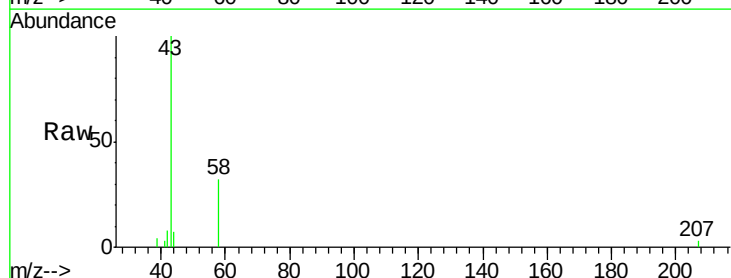
Acq: 15 Apr 2020 18:08

Tgt Ion: 43 Resp: 13731

Ion Ratio Lower Upper

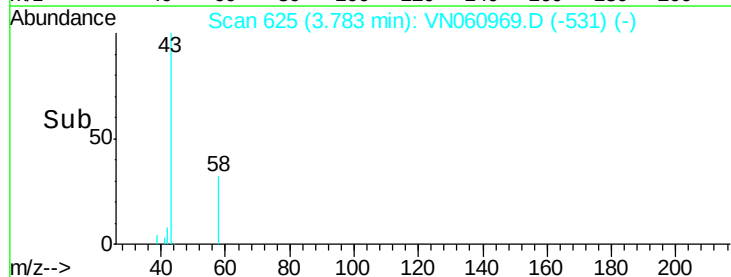
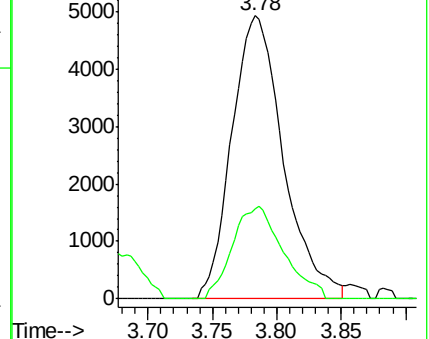
43 100

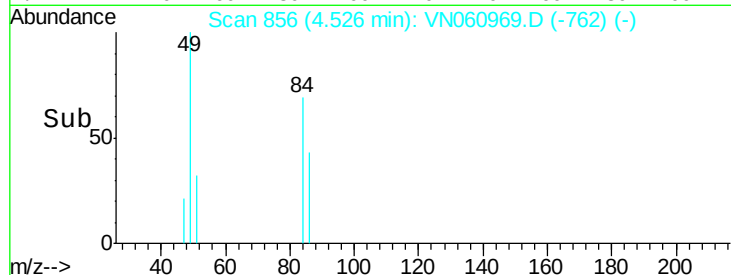
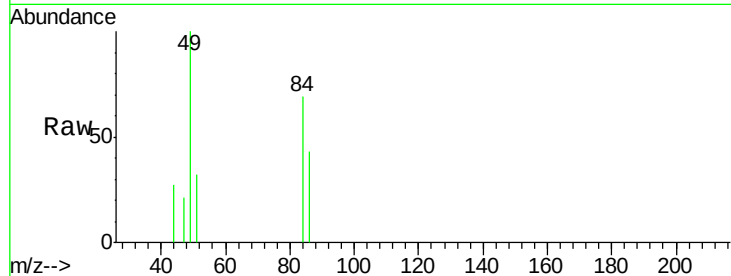
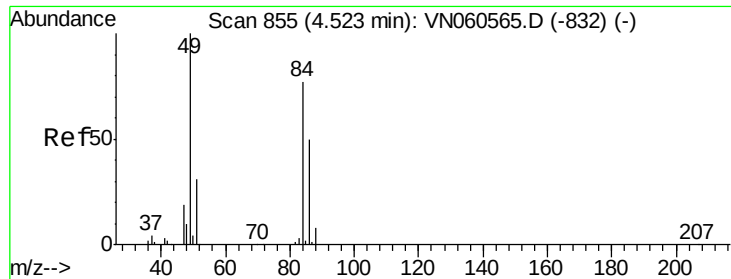
58 31.8 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

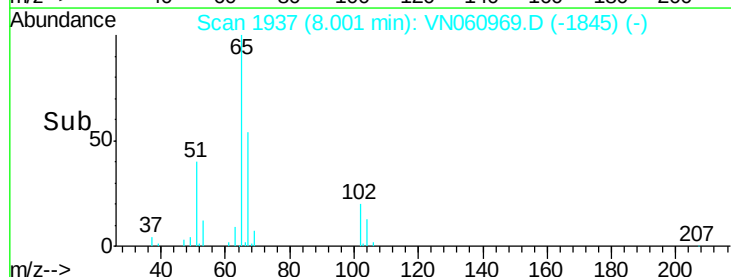
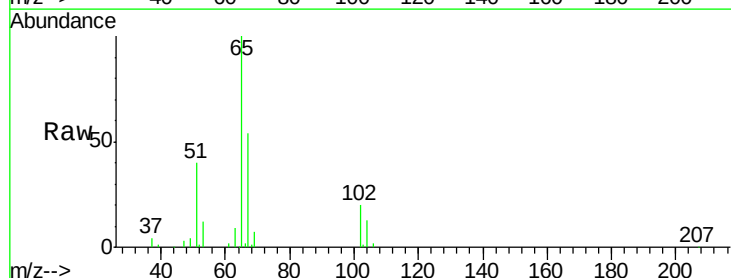
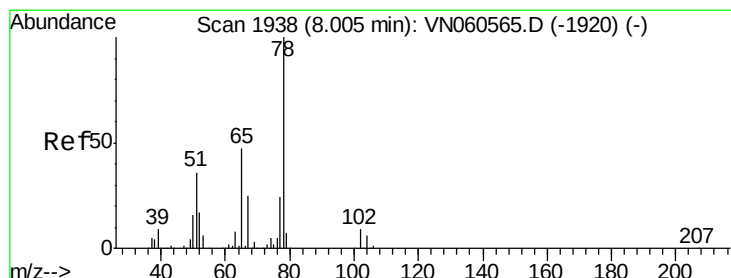
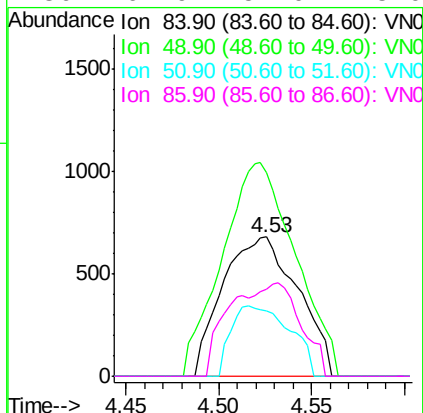




#20
Methylene Chloride
Concen: 1.130 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060969.D
Acq: 15 Apr 2020 18:08

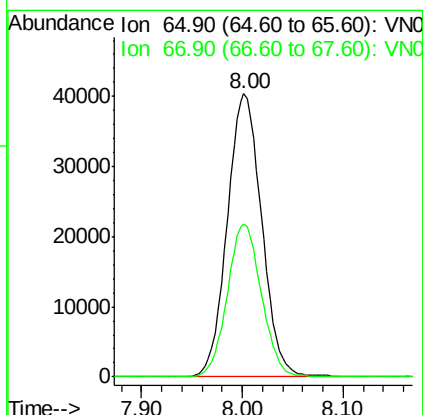
Instrument :
MSVOA_N
ClientSampled :
TP-27

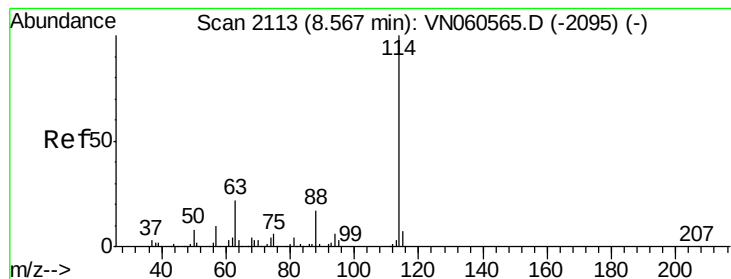
Tot Ion: 84 Resp: 1921
Ion Ratio Lower Upper
84 100
49 145.9 103.3 154.9
51 47.1 31.6 47.4
86 62.9 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 49.107 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060969.D
Acq: 15 Apr 2020 18:08

Tgt Ion: 65 Resp: 95782
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060969.D

Acq: 15 Apr 2020 18:08

Instrument :

MSVOA_N

ClientSampled :

TP-27

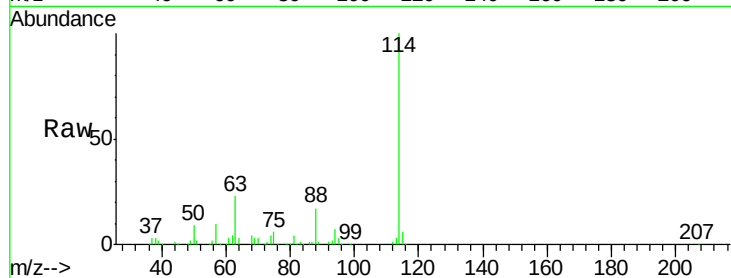
Tot Ion:114 Resp: 243320

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.8

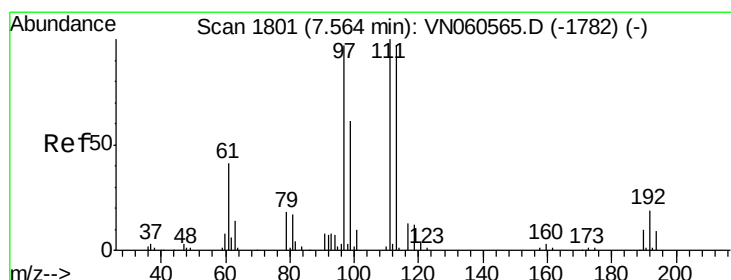
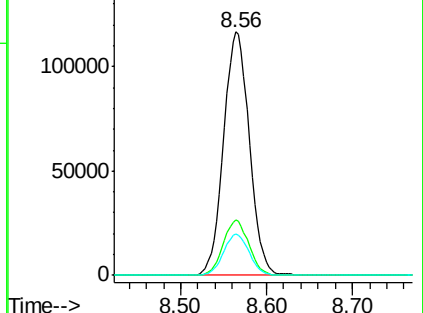
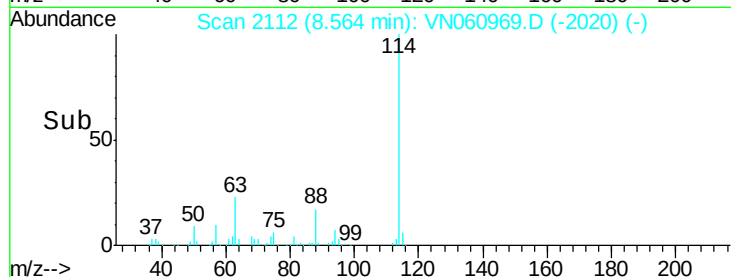
88 17.1 0.0 33.0



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: 49.549 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060969.D

Acq: 15 Apr 2020 18:08

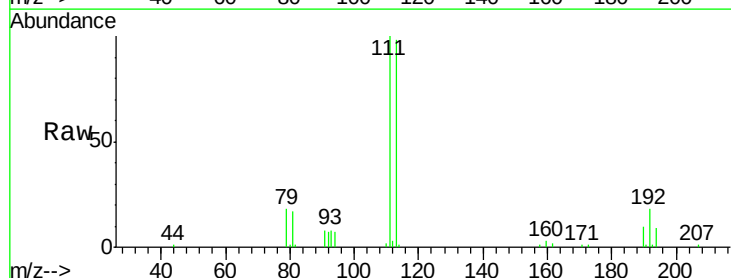
Tgt Ion:113 Resp: 72901

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

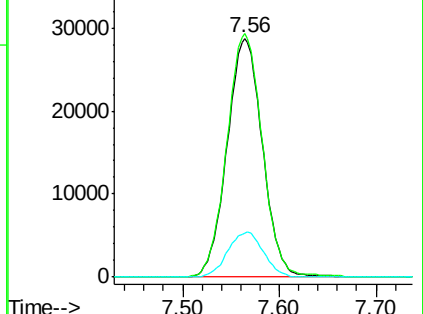
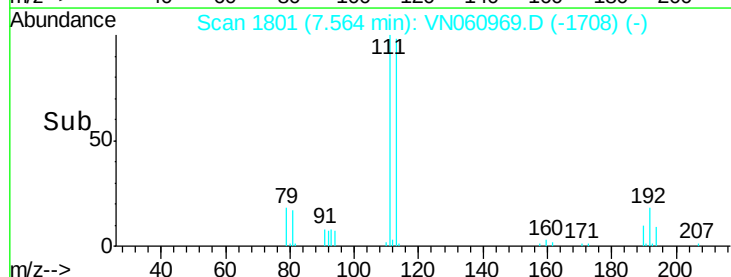
192 18.9 15.8 23.8

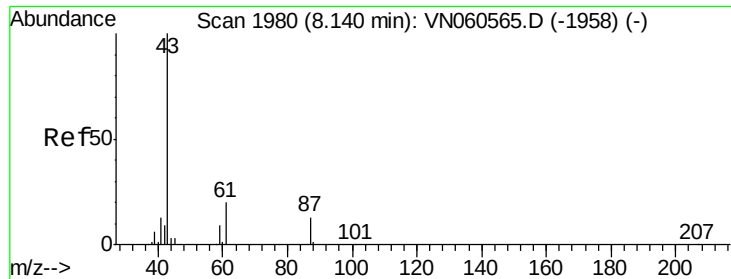


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

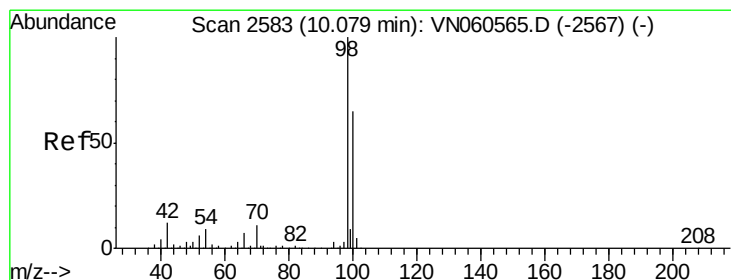
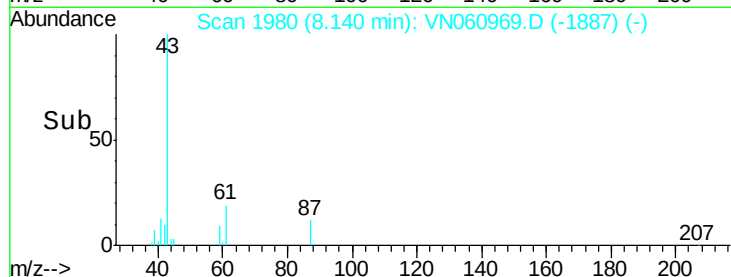
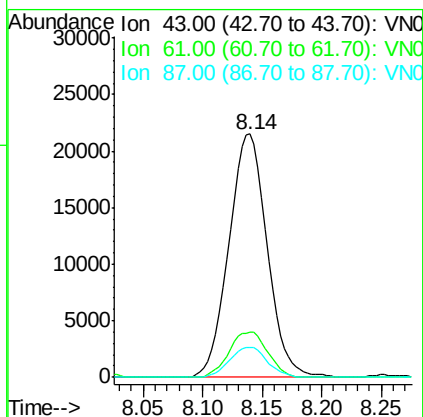
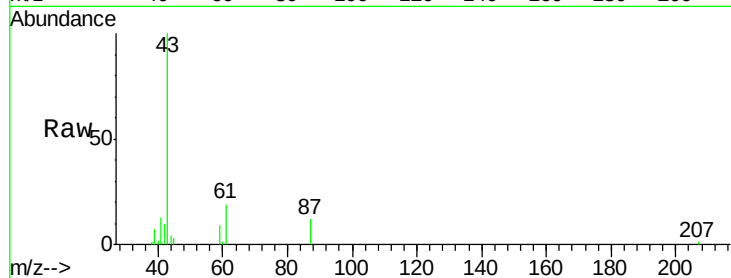




#43
Isopropyl Acetate
Concen: 11.421 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. -0.00 min
Lab File: VN060969.D
Acq: 15 Apr 2020 18:08

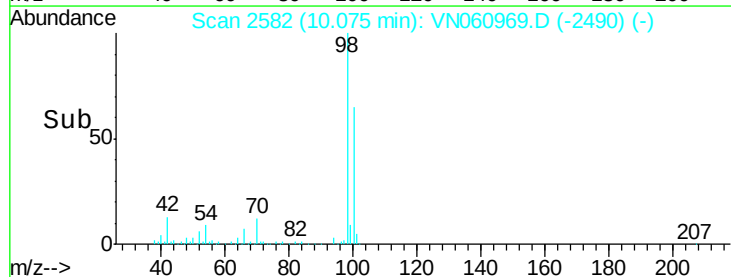
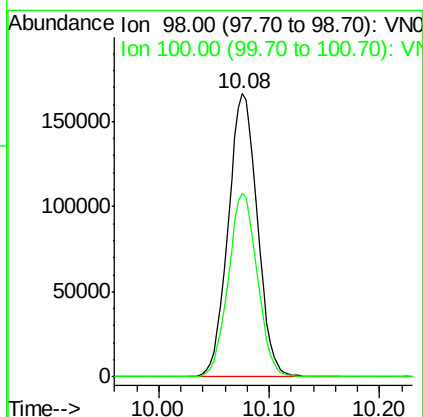
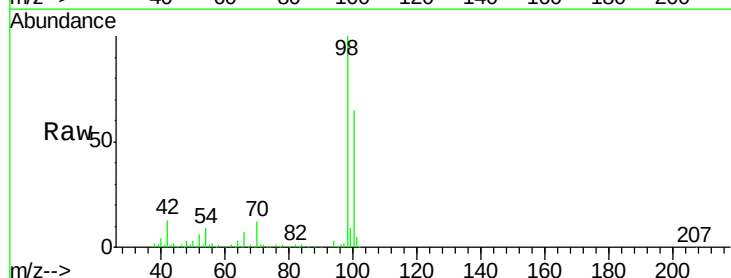
Instrument :
MSVOA_N
ClientSampled :
TP-27

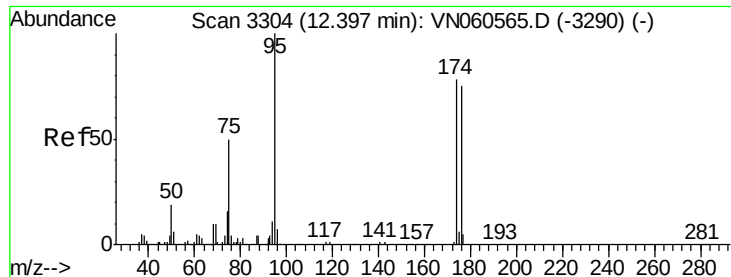
Tot Ion: 43 Resp: 47951
Ion Ratio Lower Upper
43 100
61 18.8 20.7 31.1#
87 12.1 9.8 14.8



#50
Toluene-d8
Concen: 50.693 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060969.D
Acq: 15 Apr 2020 18:08

Tgt Ion: 98 Resp: 304646
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 51.459 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060969.D

Acq: 15 Apr 2020 18:08

Instrument :

MSVOA_N

ClientSampled :

TP-27

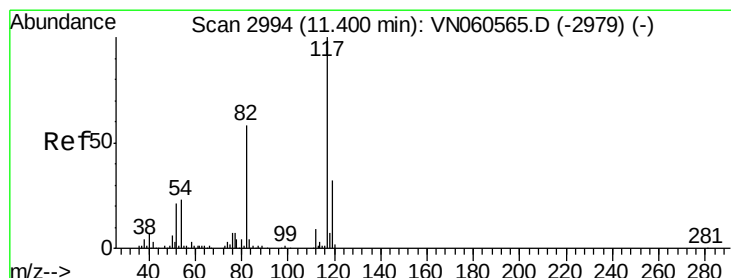
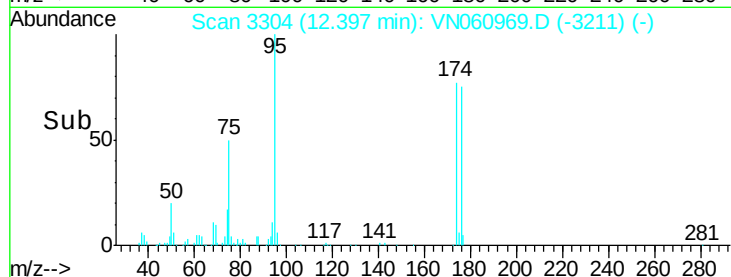
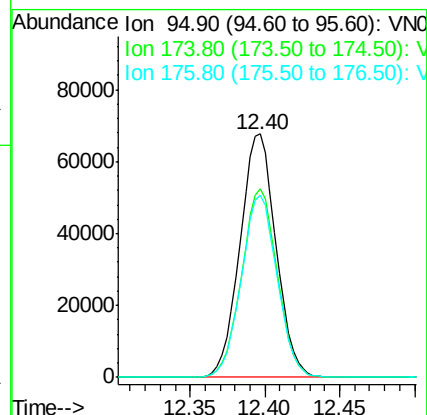
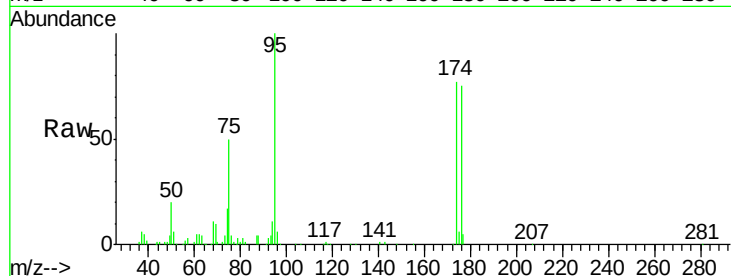
Tot Ion: 95 Resp: 113334

Ion Ratio Lower Upper

95 100

174 76.7 0.0 157.6

176 74.3 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: VN060969.D

Acq: 15 Apr 2020 18:08

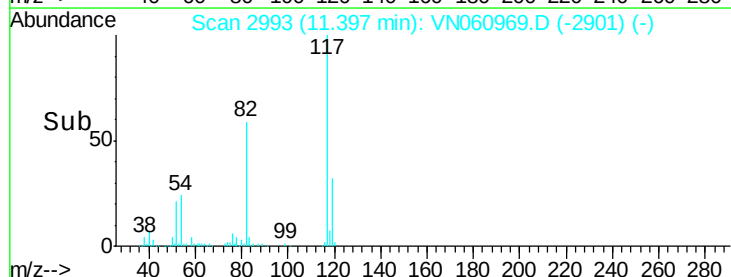
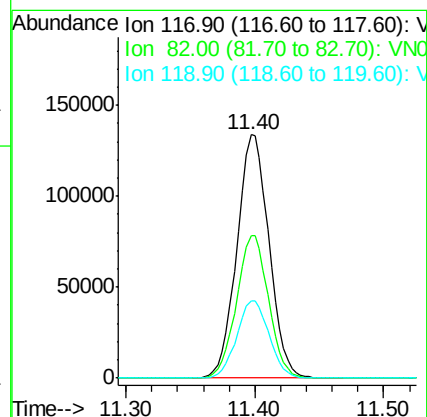
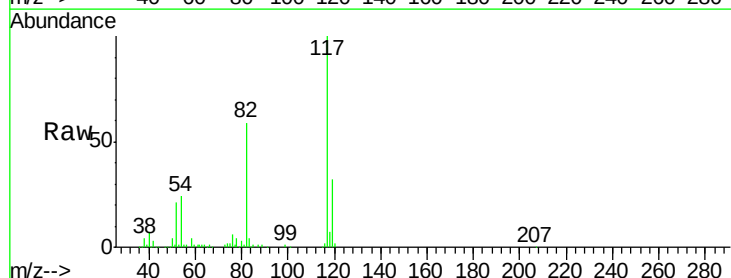
Tgt Ion: 117 Resp: 231121

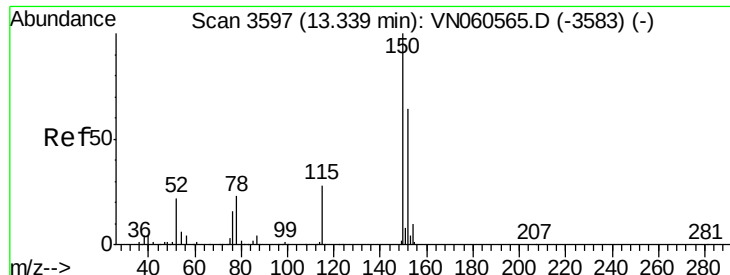
Ion Ratio Lower Upper

117 100

82 58.6 46.7 70.1

119 31.9 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: VN060969.D

Acq: 15 Apr 2020 18:08

Instrument :

MSVOA_N

ClientSampleId :

TP-27

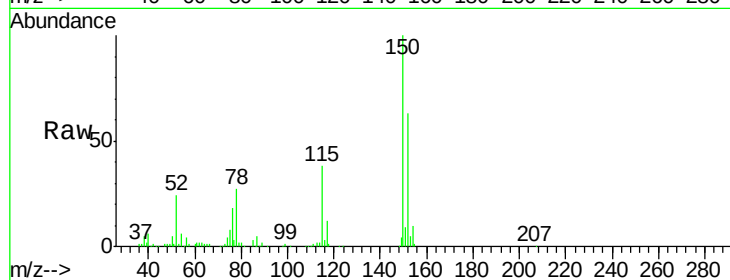
Tot Ion:152 Resp: 101495

Ion Ratio Lower Upper

152 100

115 61.5 30.2 90.6

150 159.8 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

