

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042220\
 Data File : VN061146.D
 Acq On : 22 Apr 2020 22:33
 Operator : JC/MD
 Sample : L2359-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1B-D

Quant Time: Apr 23 08:46:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 15:26:40 2020
 Response via : Initial Calibration

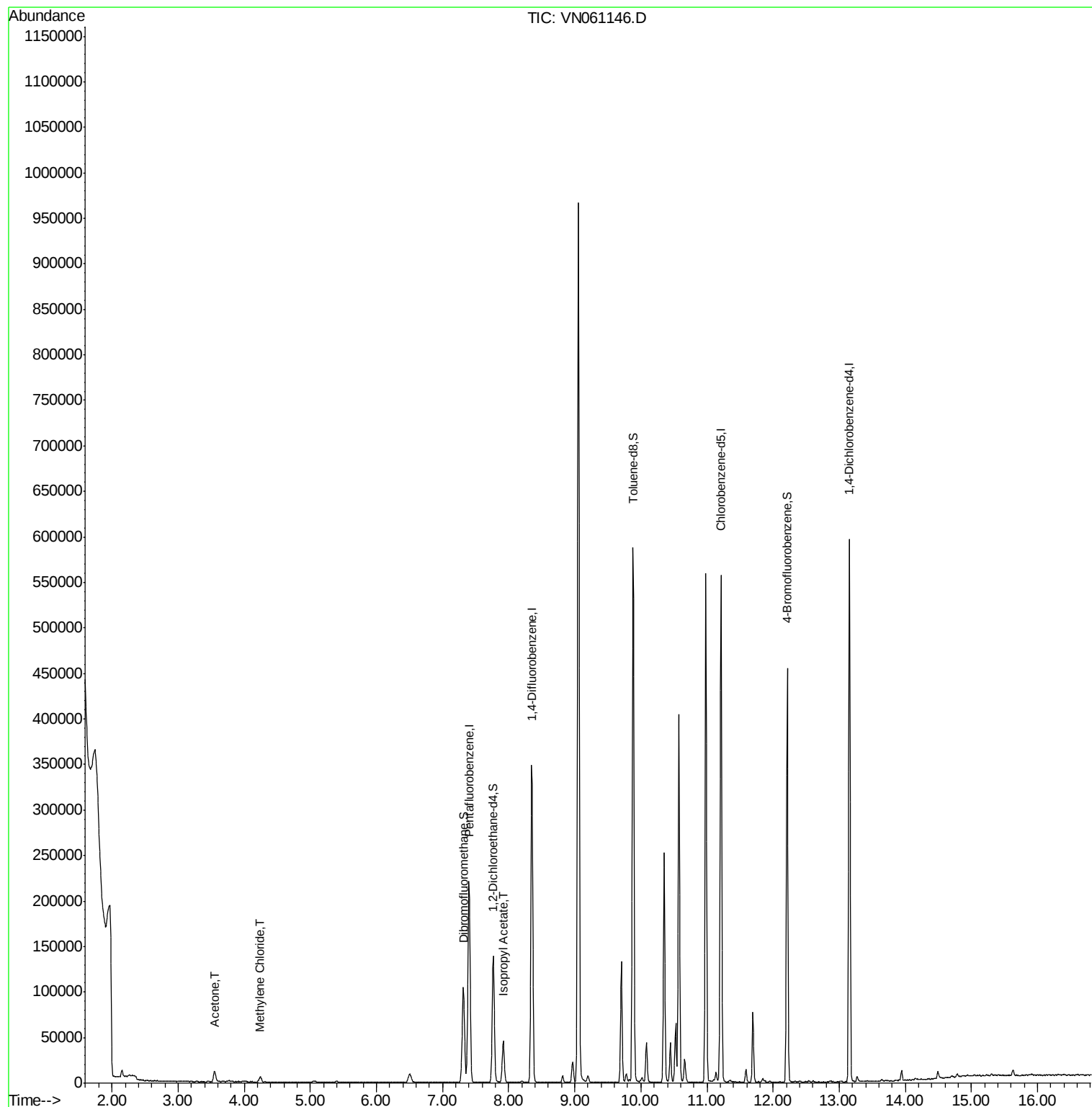
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.40	168	183097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.35	114	307470	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.21	117	297958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.15	152	148355	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.77	65	117599	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
35) Dibromofluoromethane	7.31	113	80450	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
50) Toluene-d8	9.88	98	378222	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.21	95	148674	52.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.60%	
Target Compounds						
16) Acetone	3.54	43	20566	11.577	ug/l	98
20) Methylene Chloride	4.24	84	3806	1.794	ug/l	97
43) Isopropyl Acetate	7.92	43	54264	10.609	ug/l	100

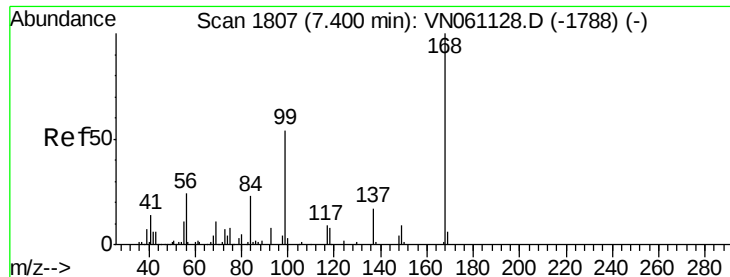
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.40 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VN061146.D

Acq: 22 Apr 2020 22:33

Instrument :

MSVOA_N

ClientSampleId :

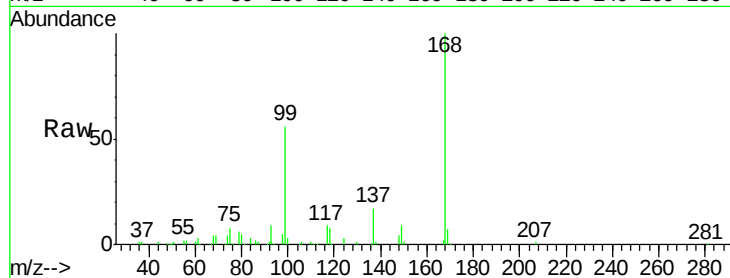
TP-1B-D

Tot Ion:168 Resp: 183097

Ion Ratio Lower Upper

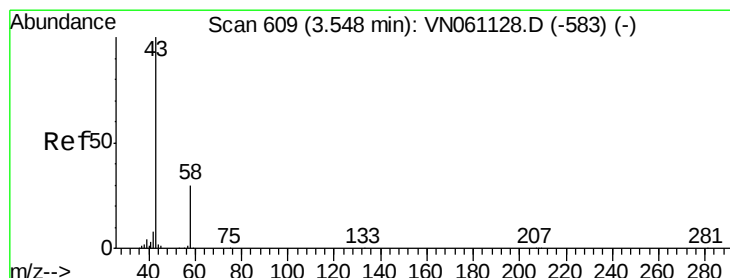
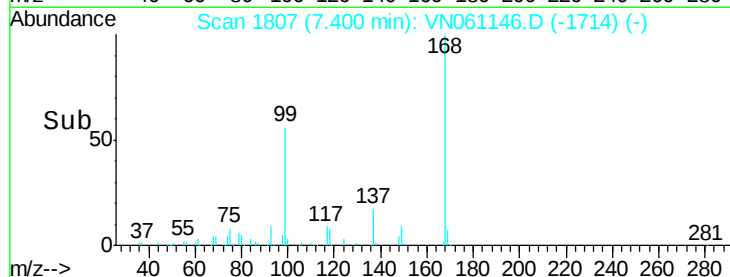
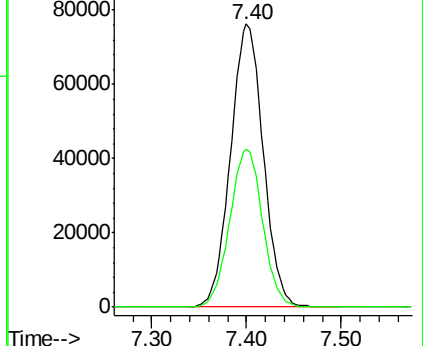
168 100

99 55.8 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 11.577 ug/l

RT: 3.54 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN061146.D

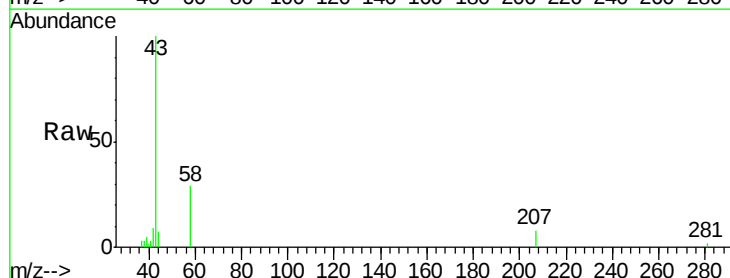
Acq: 22 Apr 2020 22:33

Tgt Ion: 43 Resp: 20566

Ion Ratio Lower Upper

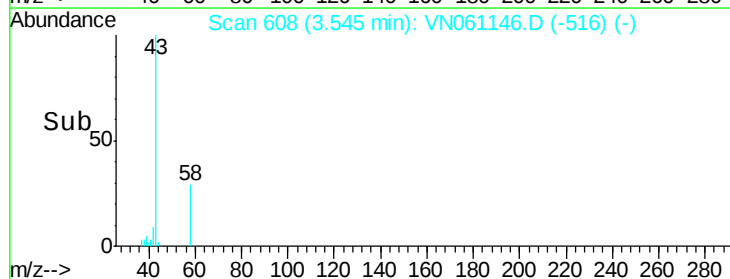
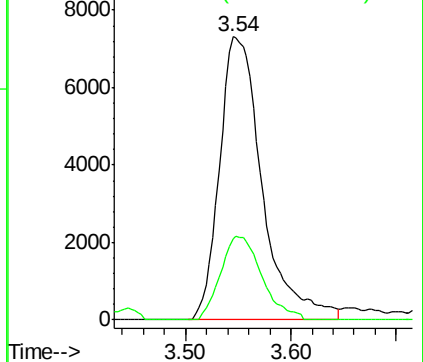
43 100

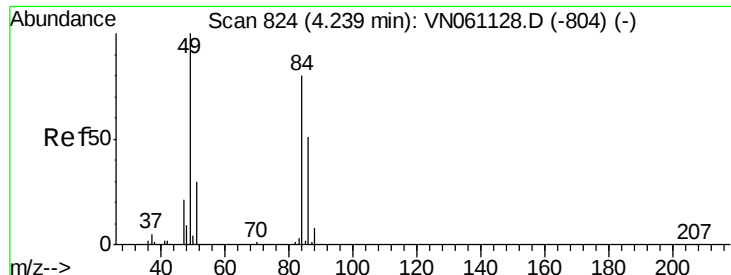
58 28.6 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

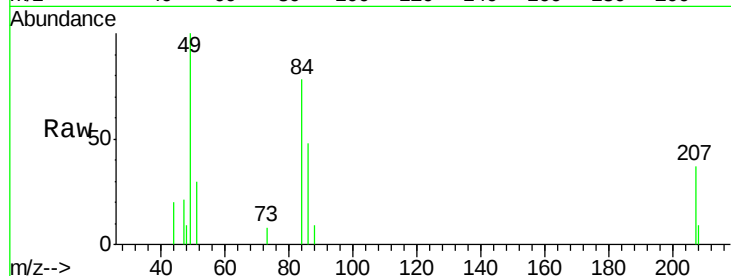




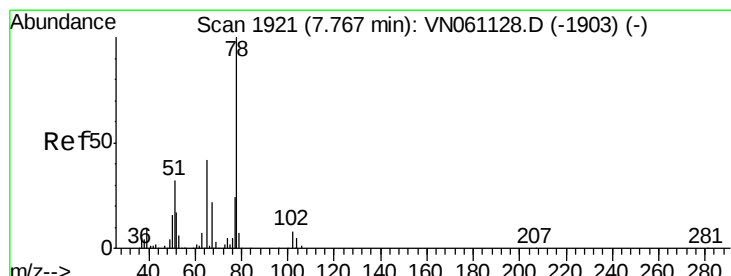
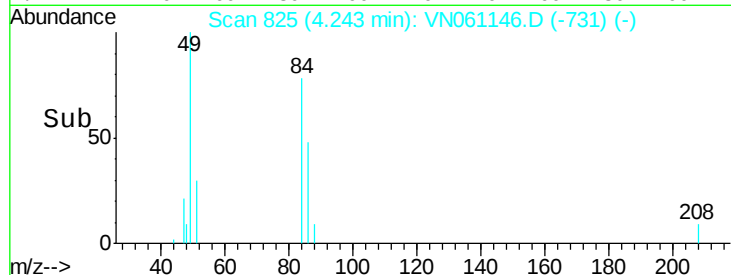
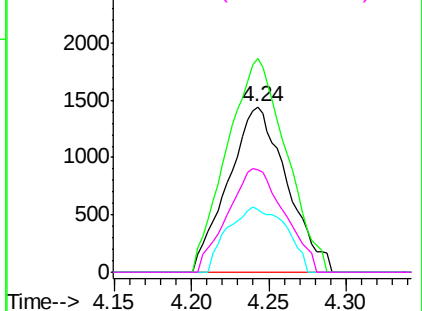
#20
Methylene Chloride
Concen: 1.794 ug/l
RT: 4.24 min Scan# 825
Delta R.T. 0.00 min
Lab File: VN061146.D
Acq: 22 Apr 2020 22:33

Instrument :
MSVOA_N
ClientSampled :
TP-1B-D

Tot Ion: 84 Resp: 3806
Ion Ratio Lower Upper
84 100
49 128.9 99.8 149.6
51 38.2 29.9 44.9
86 62.1 50.9 76.3

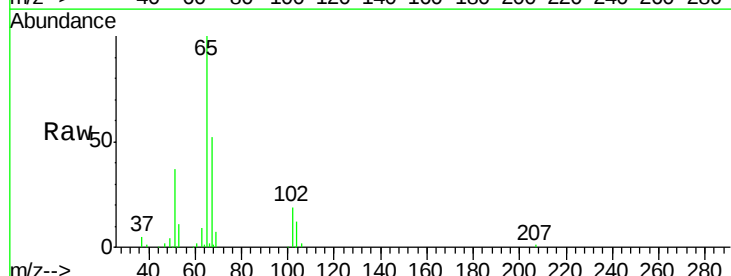


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

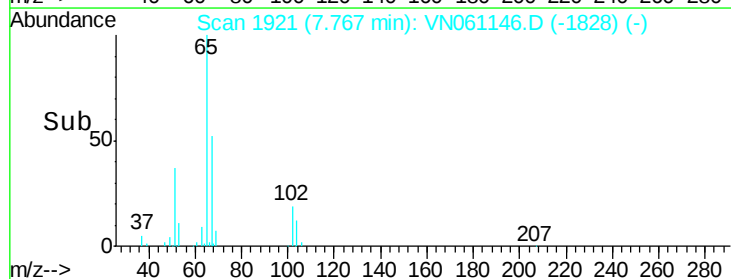
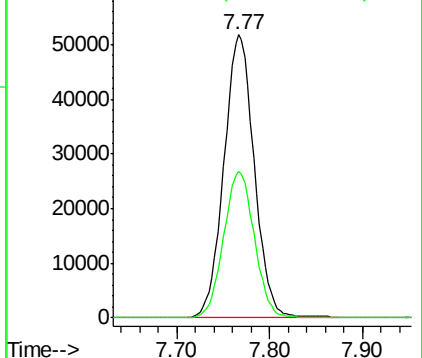


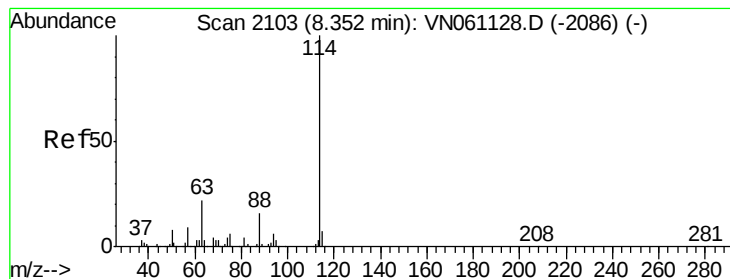
#33
1,2-Dichloroethane-d4
Concen: 48.438 ug/l
RT: 7.77 min Scan# 1921
Delta R.T. -0.00 min
Lab File: VN061146.D
Acq: 22 Apr 2020 22:33

Tgt Ion: 65 Resp: 117599
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.8



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: 8.35 min Scan# 2103

Delta R.T. -0.00 min

Lab File: VN061146.D

Acq: 22 Apr 2020 22:33

Instrument :

MSVOA_N

ClientSampleId :

TP-1B-D

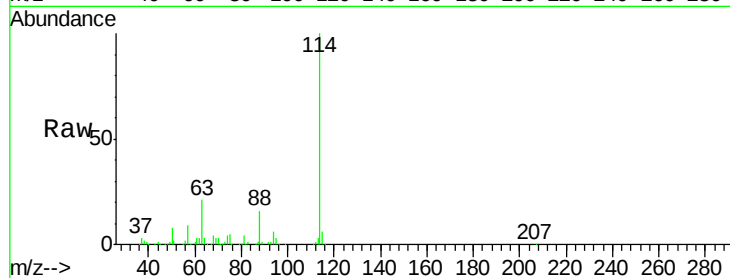
Tot Ion:114 Resp: 307470

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

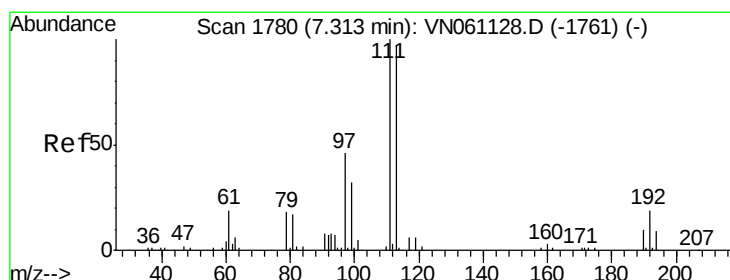
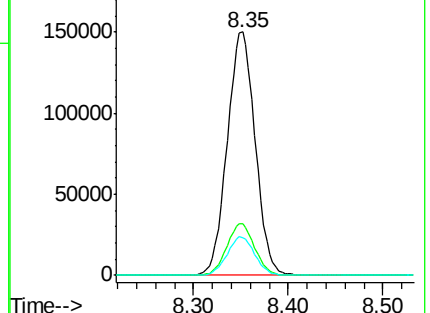
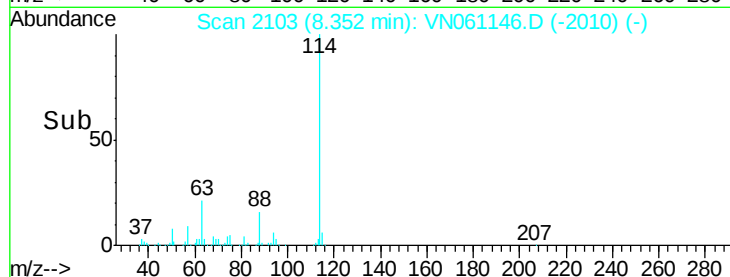
88 15.6 0.0 32.4



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: 45.848 ug/l

RT: 7.31 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VN061146.D

Acq: 22 Apr 2020 22:33

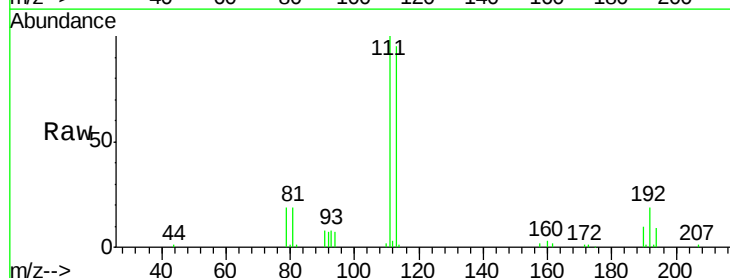
Tgt Ion:113 Resp: 80450

Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.6

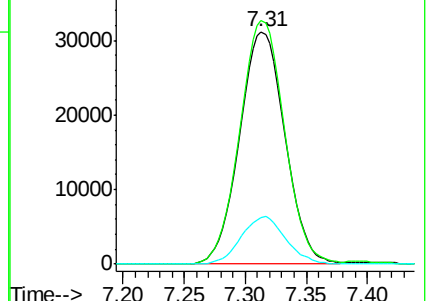
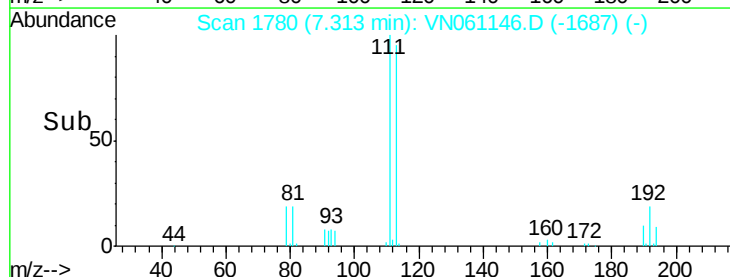
192 19.9 15.8 23.6

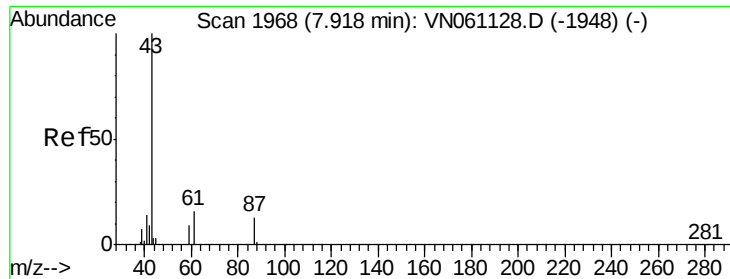


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.609 ug/l

RT: 7.92 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VN061146.D

Acq: 22 Apr 2020 22:33

Instrument :

MSVOA_N

ClientSampleId :

TP-1B-D

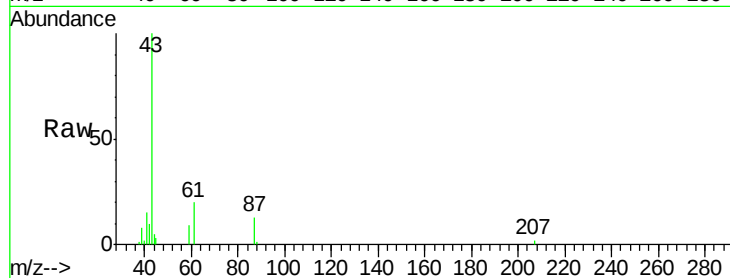
Tot Ion: 43 Resp: 54264

Ion Ratio Lower Upper

43 100

61 19.7 15.5 23.3

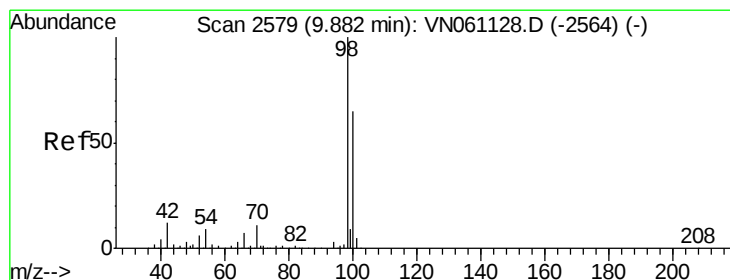
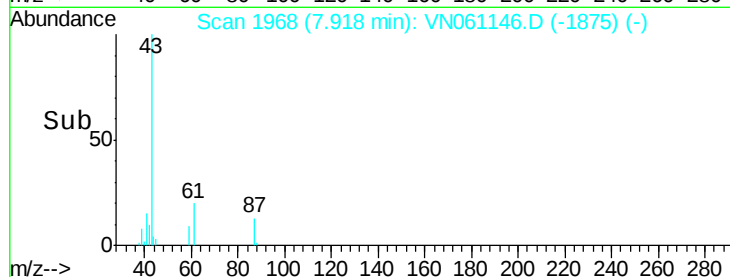
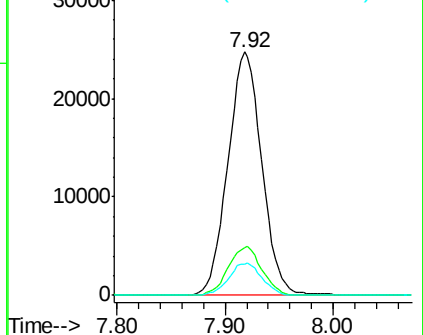
87 12.8 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VN061128.D (-1948) (-)

Ion 61.00 (60.70 to 61.70): VN061128.D (-1948) (-)

Ion 87.00 (86.70 to 87.70): VN061128.D (-1948) (-)



#50

Toluene-d8

Concen: 50.301 ug/l

RT: 9.88 min Scan# 2579

Delta R.T. -0.00 min

Lab File: VN061146.D

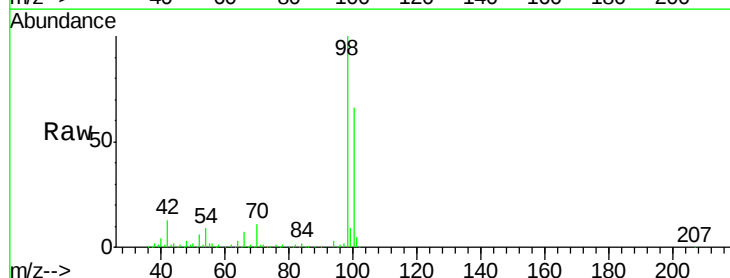
Acq: 22 Apr 2020 22:33

Tgt Ion: 98 Resp: 378222

Ion Ratio Lower Upper

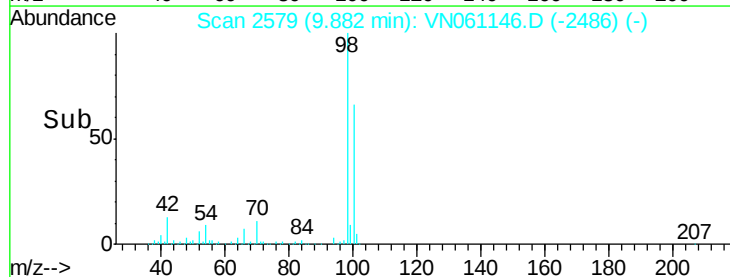
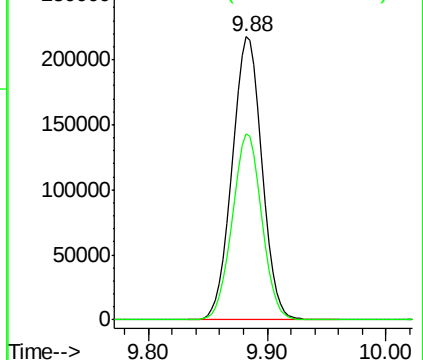
98 100

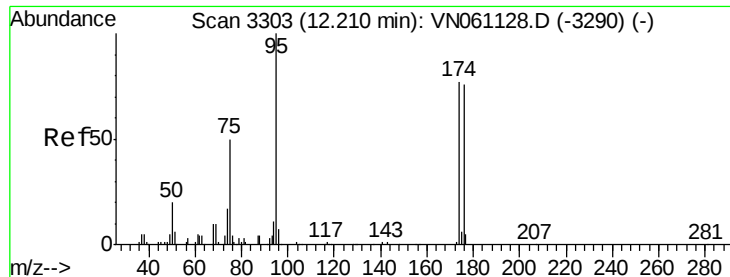
100 65.0 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN061128.D (-2564) (-)

Ion 100.00 (99.70 to 100.70): VN061128.D (-2564) (-)





#62

4-Bromofluorobenzene

Concen: 52.796 ug/l

RT: 12.21 min Scan# 3303

Delta R.T. -0.00 min

Lab File: VN061146.D

Acq: 22 Apr 2020 22:33

Instrument :

MSVOA_N

ClientSampleId :

TP-1B-D

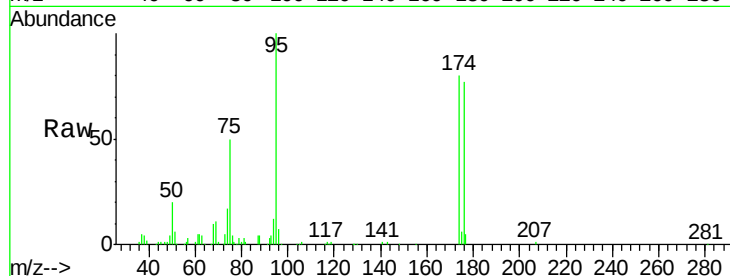
Tot Ion: 95 Resp: 148674

Ion Ratio Lower Upper

95 100

174 80.2 0.0 157.6

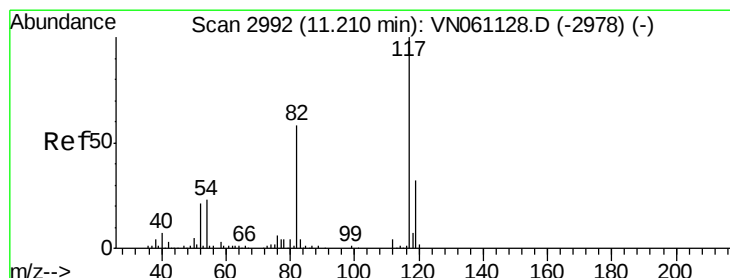
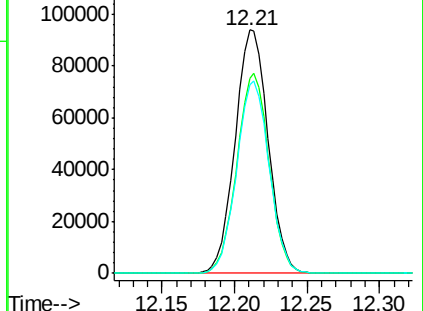
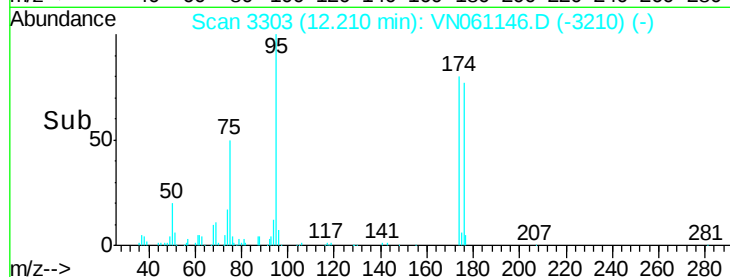
176 77.8 0.0 154.4



Abundance Ion 94.90 (94.60 to 95.60): VN061146.D (-3210) (-)

Ion 173.80 (173.50 to 174.50): VN061146.D (-3210) (-)

Ion 175.80 (175.50 to 176.50): VN061146.D (-3210) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.21 min Scan# 2992

Delta R.T. -0.00 min

Lab File: VN061146.D

Acq: 22 Apr 2020 22:33

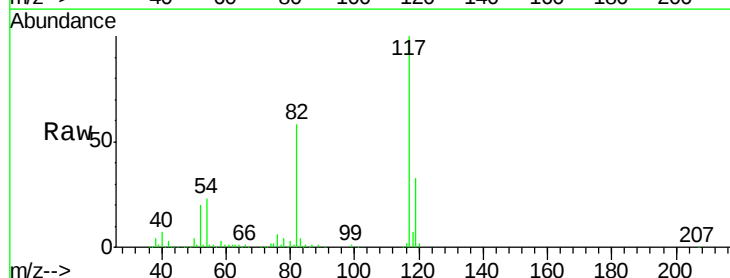
Tgt Ion: 117 Resp: 297958

Ion Ratio Lower Upper

117 100

82 57.6 46.0 69.0

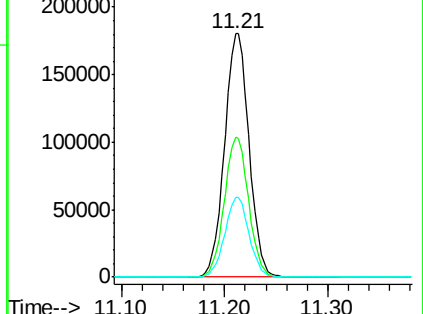
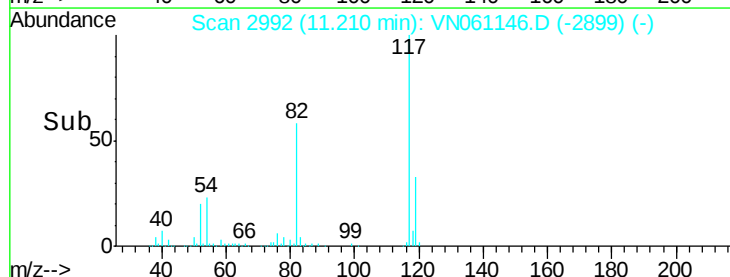
119 32.7 25.9 38.9

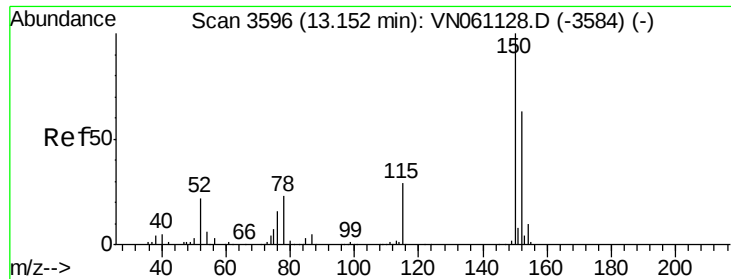


Abundance Ion 116.90 (116.60 to 117.60): VN061146.D (-2899) (-)

Ion 82.00 (81.70 to 82.70): VN061146.D (-2899) (-)

Ion 118.90 (118.60 to 119.60): VN061146.D (-2899) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.15 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VN061146.D

Acq: 22 Apr 2020 22:33

Instrument :

MSVOA_N

ClientSampleId :

TP-1B-D

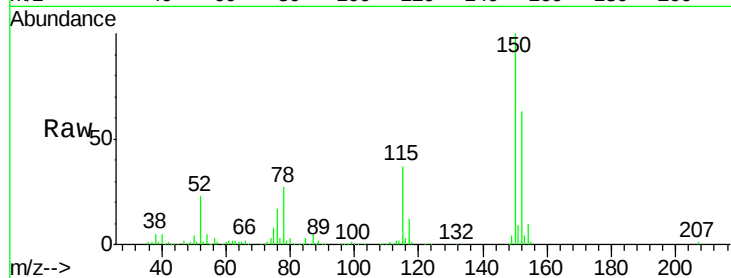
Tot Ion:152 Resp: 148355

Ion Ratio Lower Upper

152 100

115 58.3 29.8 89.5

150 157.4 0.0 348.6



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

