

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051420\
 Data File : VN061405.D
 Acq On : 14 May 2020 20:25
 Operator : JC/MD
 Sample : L2591-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 3-11-27TH-AVE

Quant Time: May 15 07:40:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N051420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 14 16:04:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.16	128	16045	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	95760	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	83014	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.99	65	45270	31.51	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.03%
60) 4-Bromofluorobenzene	12.38	95	39039	27.55	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	91.83%
63) Toluene-d8	10.06	98	120343	31.31	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	104.37%

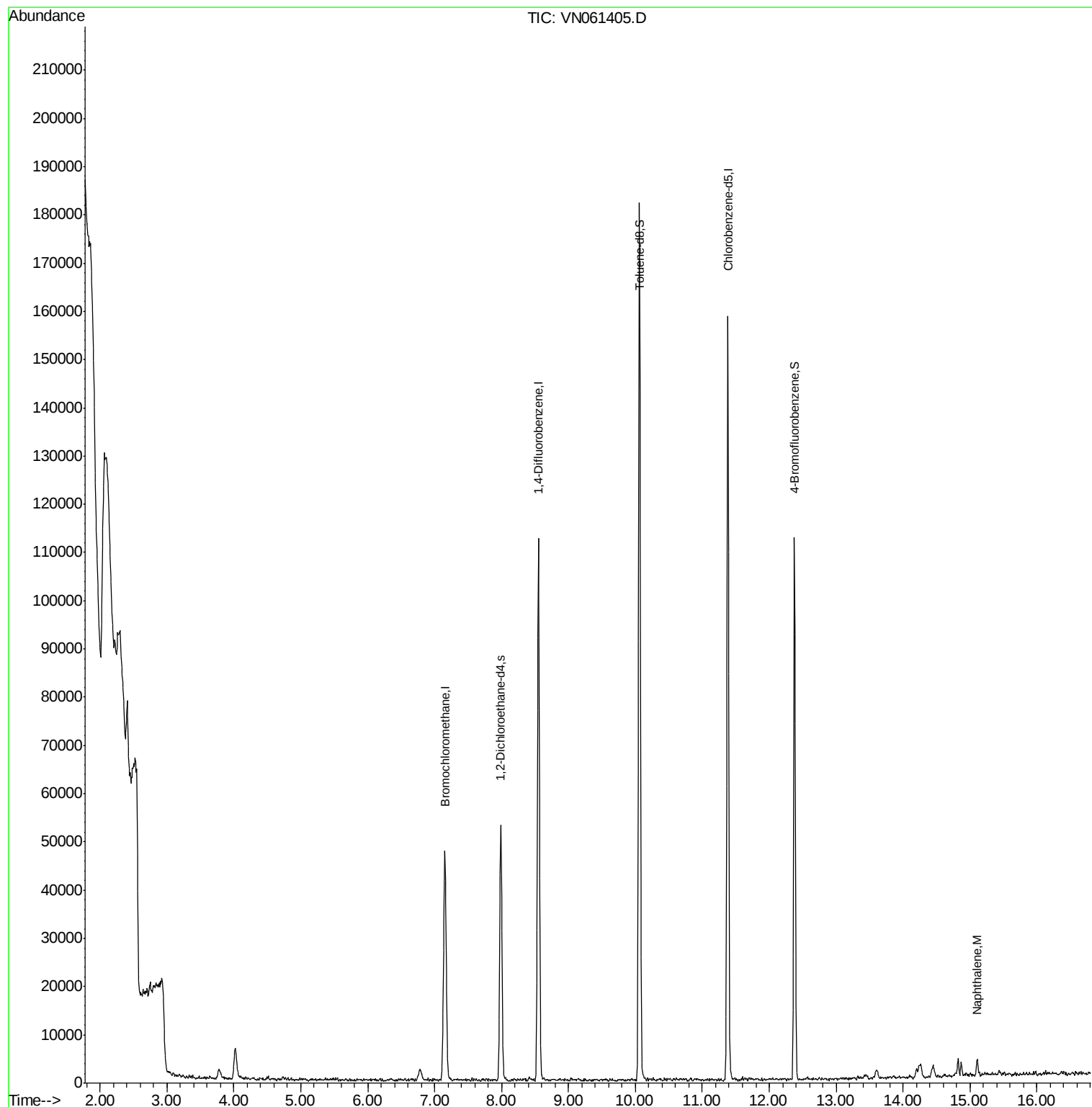
Target Compounds					Ovalue
91) Naphthalene	15.11	128	3275	0.938 ug/l	95

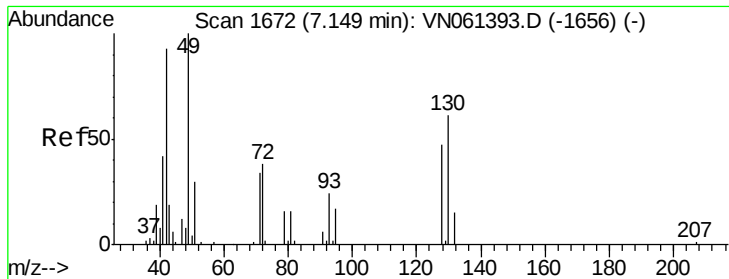
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.16 min Scan# 1674

Delta R.T. 0.01 min

Lab File: VN061405.D

Acq: 14 May 2020 20:25

Instrument :

MSVOA_N

ClientSampled :

3-11-27TH-AVE

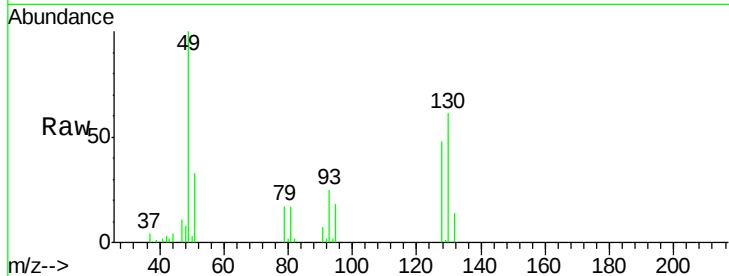
Tot Ion:128 Resp: 16045

Ion Ratio Lower Upper

128 100

49 217.0 0.0 453.5

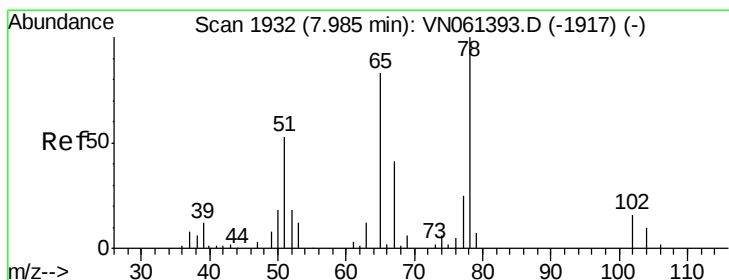
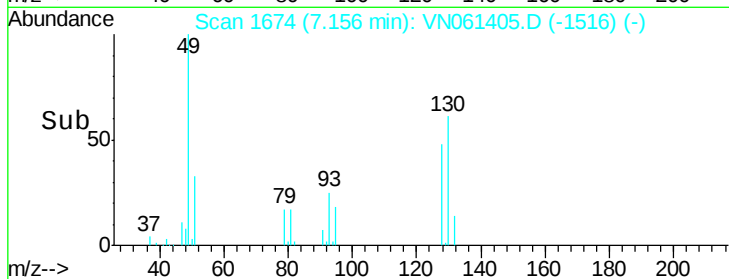
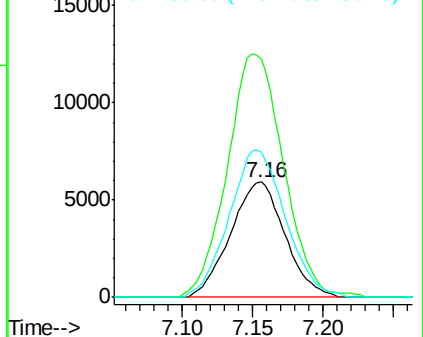
130 131.7 0.0 314.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: 31.506 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061405.D

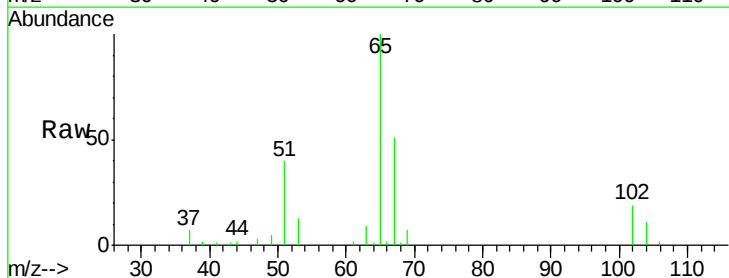
Acq: 14 May 2020 20:25

Tgt Ion: 65 Resp: 45270

Ion Ratio Lower Upper

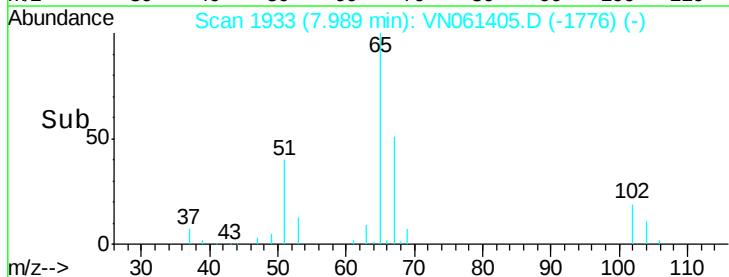
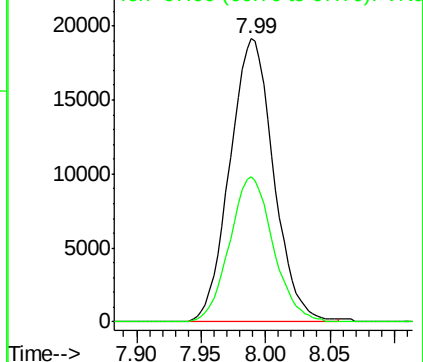
65 100

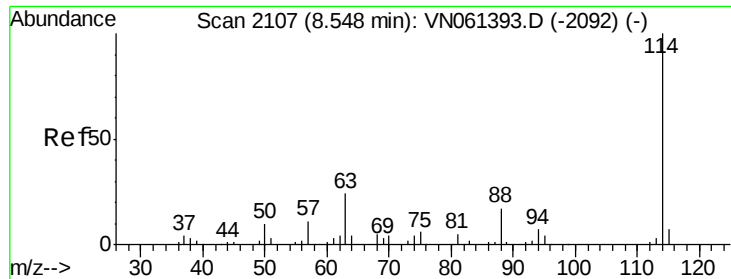
67 50.9 41.5 62.3



Abundance Ion 65.00 (64.70 to 65.70): VN

Ion 67.00 (66.70 to 67.70): VN

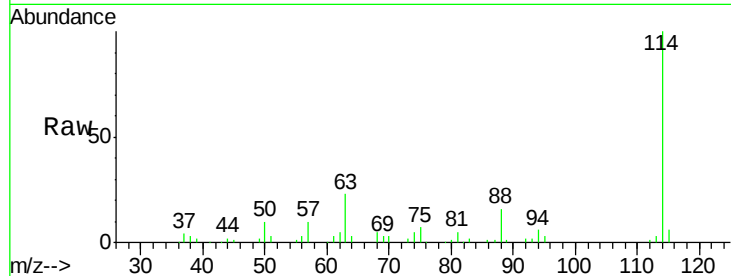




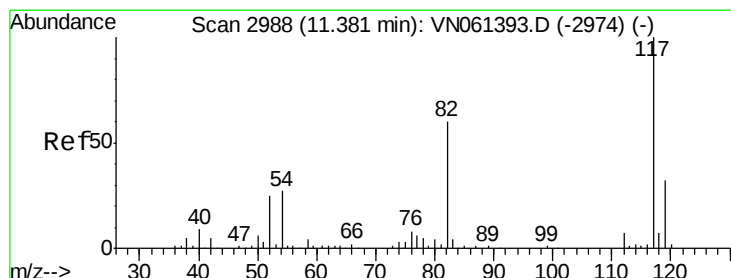
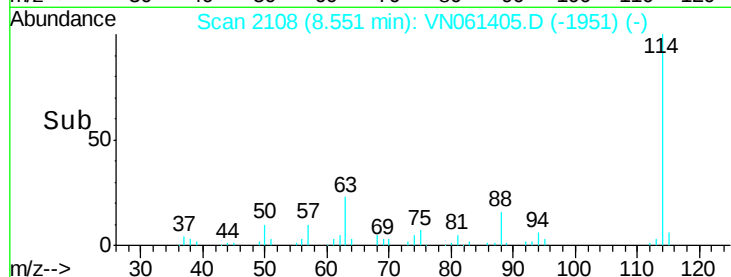
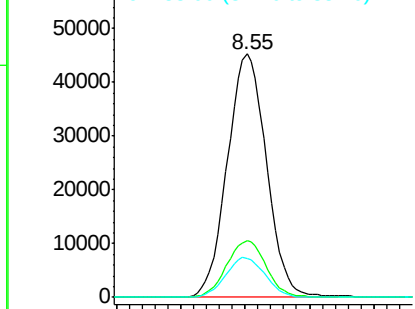
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061405.D
 Acq: 14 May 2020 20:25

Instrument :
 MSVOA_N
 ClientSampleId :
 3-11-27TH-AVE

Tot Ion:114 Resp: 95760
 Ion Ratio Lower Upper
 114 100
 63 23.3 18.1 27.1
 88 16.4 13.0 19.4

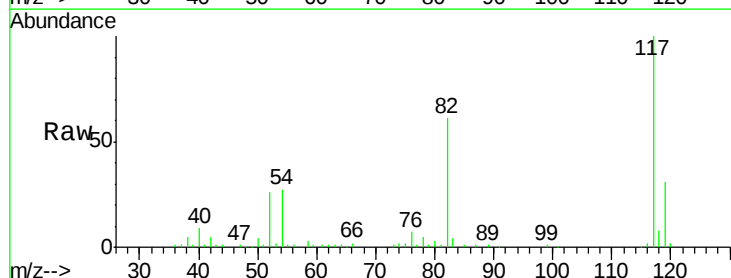


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 88.00 (87.70 to 88.70): V

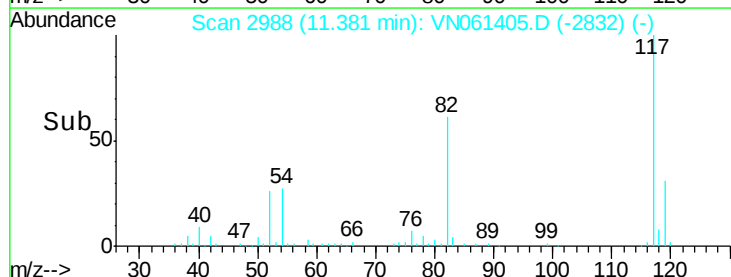
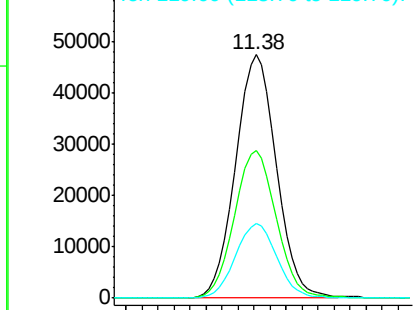


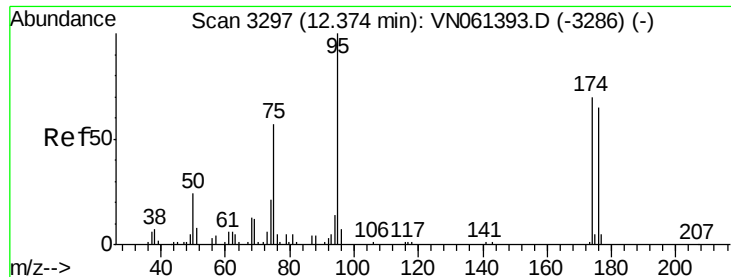
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.38 min Scan# 2988
 Delta R.T. 0.00 min
 Lab File: VN061405.D
 Acq: 14 May 2020 20:25

Tgt Ion:117 Resp: 83014
 Ion Ratio Lower Upper
 117 100
 82 62.1 46.9 70.3
 119 31.0 25.8 38.6



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 119.00 (118.70 to 119.70): V

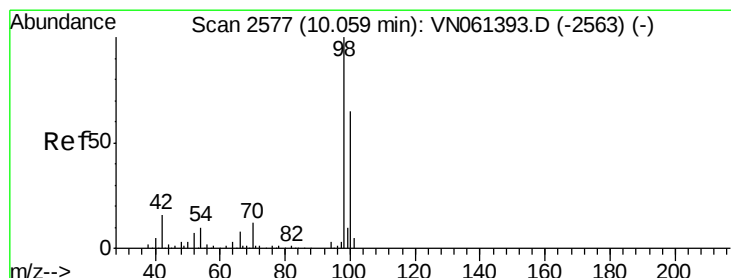
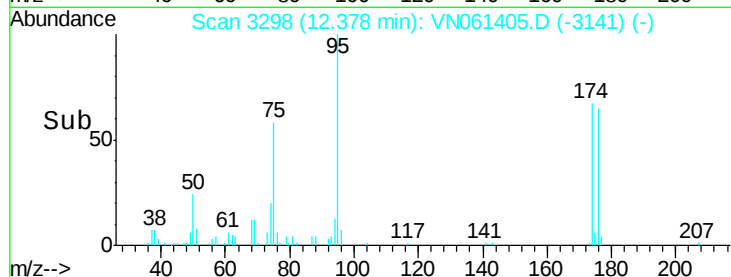
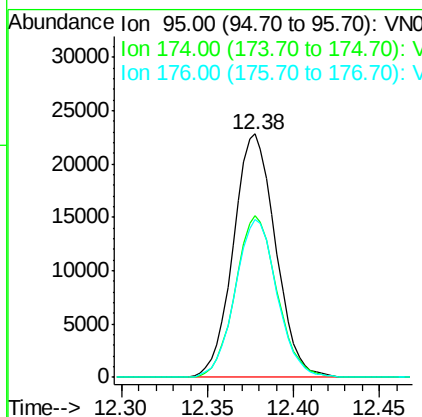
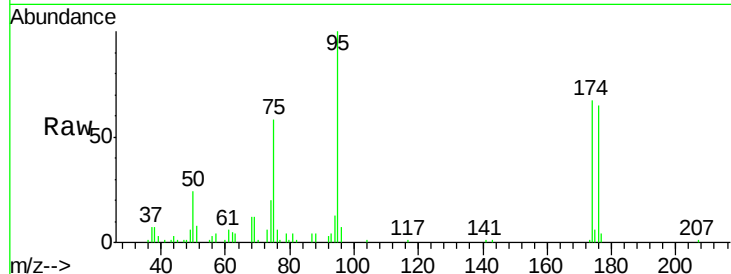




#60
4-Bromofluorobenzene
Concen: 27.546 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061405.D
Acq: 14 May 2020 20:25

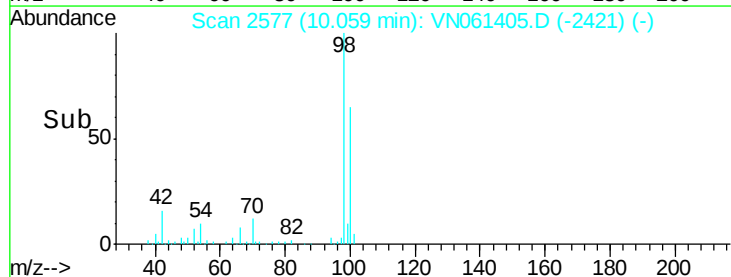
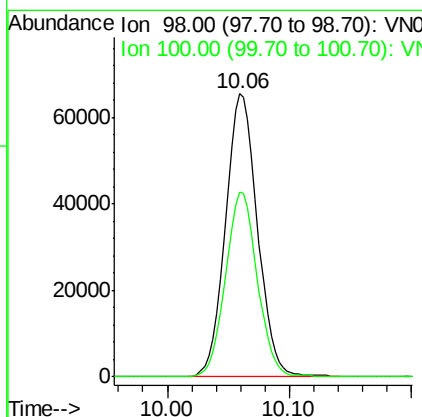
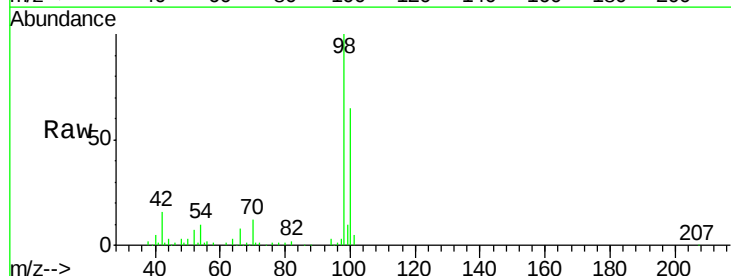
Instrument :
MSVOA_N
ClientSampleId :
3-11-27TH-AVE

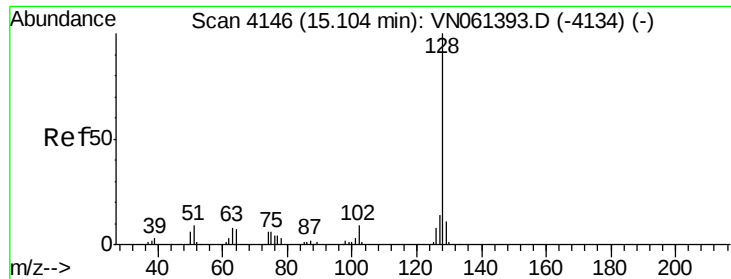
Tot Ion: 95 Resp: 39039
Ion Ratio Lower Upper
95 100
174 65.6 59.9 89.9
176 64.1 58.3 87.5



#63
Toluene-d8
Concen: 31.309 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061405.D
Acq: 14 May 2020 20:25

Tgt Ion: 98 Resp: 120343
Ion Ratio Lower Upper
98 100
100 64.9 50.6 75.8





#91

Naphthalene

Concen: 0.938 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN061405.D

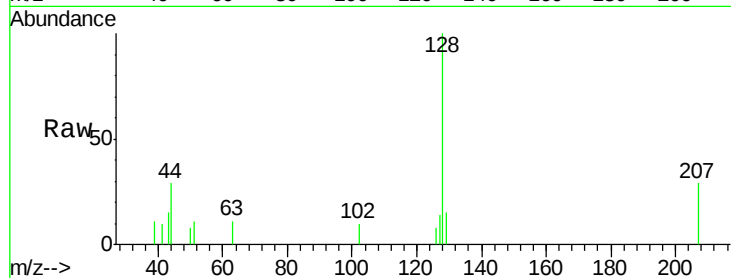
Acq: 14 May 2020 20:25

Instrument :

MSVOA_N

ClientSampleId :

3-11-27TH-AVE



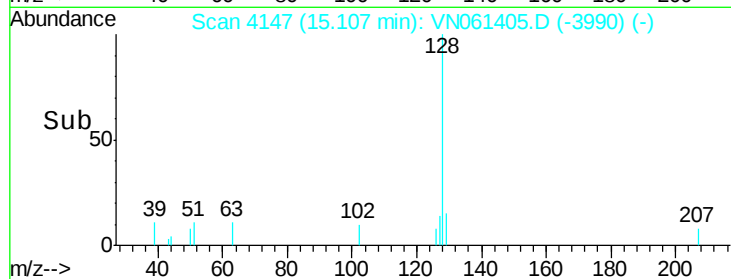
Tot Ion:128 Resp: 3275

Ion Ratio Lower Upper

128 100

127 10.6 10.2 15.2

129 8.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

