

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070819\
 Data File : VN056608.D
 Acq On : 8 Jul 2019 14:45
 Operator : JC/SP
 Sample : PB121169TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121169TB

Quant Time: Jul 09 04:10:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

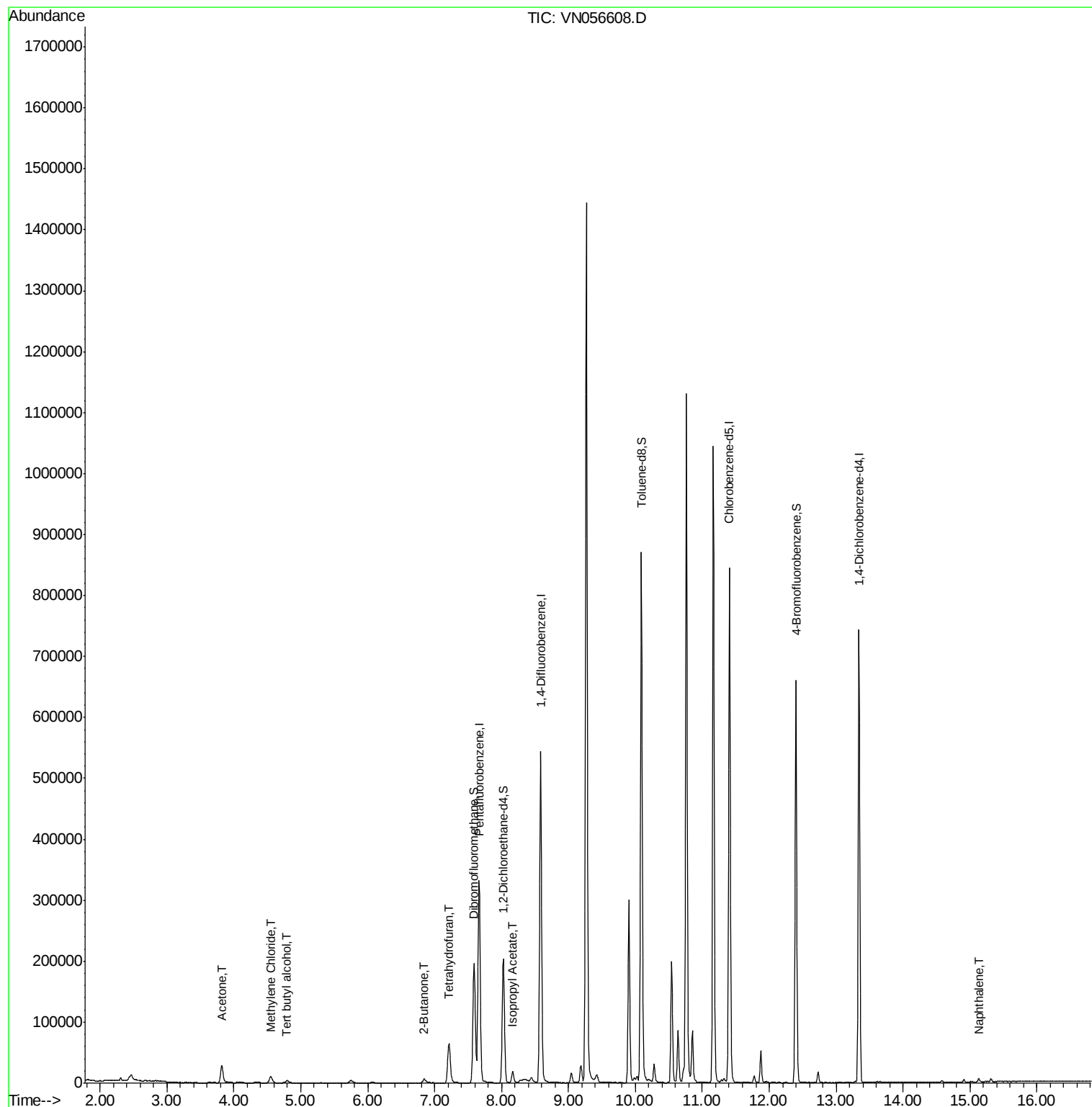
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	297310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	509128	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	528160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	212099	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	171688	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
35) Dibromofluoromethane	7.59	113	152118	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
50) Toluene-d8	10.09	98	642001	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
62) 4-Bromofluorobenzene	12.40	95	239052	58.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.04%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.79	59	6740	12.145	ug/l #	90
16) Acetone	3.82	43	49565	30.023	ug/l	100
20) Methylene Chloride	4.55	84	8297	1.808	ug/l	100
25) 2-Butanone	6.84	43	12436	5.692	ug/l	99
29) Tetrahydrofuran	7.21	42	56763	42.511	ug/l	99
43) Isopropyl Acetate	8.17	43	21825	3.214	ug/l #	89
95) Naphthalene	15.13	128	5724	5.773	ug/l #	95

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

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Quant Time: Jul 09 04:10:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056608.D

Acq: 8 Jul 2019 14:45

Instrument :

MSVOA_N

ClientSampleId :

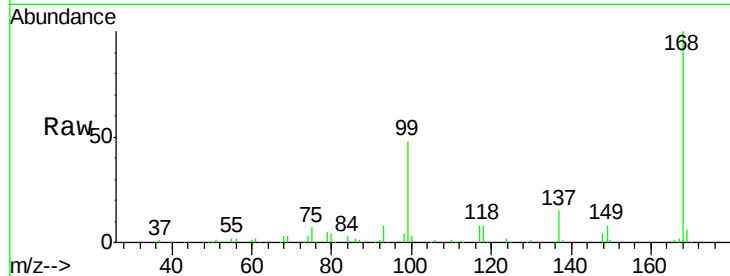
PB121169TB

Tot Ion:168 Resp: 297310

Ion Ratio Lower Upper

168 100

99 48.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

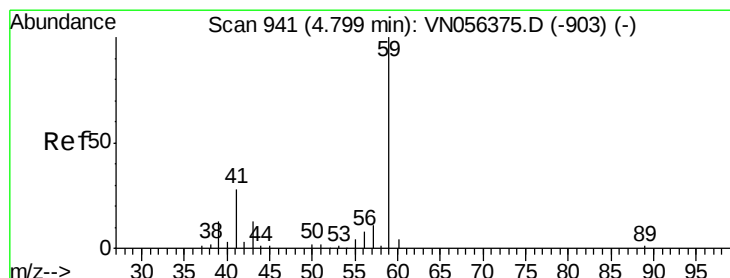
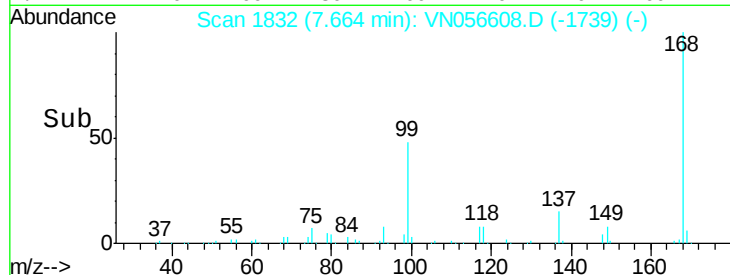
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#11

Tert butyl alcohol

Concen: 12.145 ug/l

RT: 4.79 min Scan# 938

Delta R.T. -0.01 min

Lab File: VN056608.D

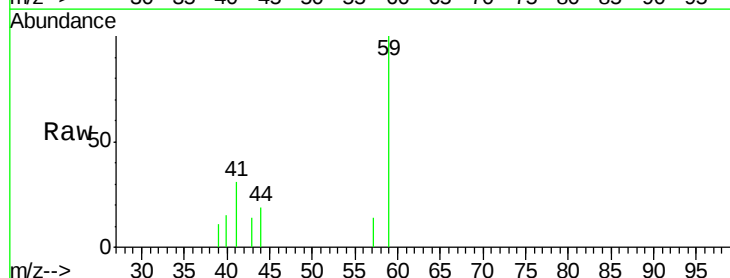
Acq: 8 Jul 2019 14:45

Tgt Ion: 59 Resp: 6740

Ion Ratio Lower Upper

59 100

57 5.9 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.79

2000

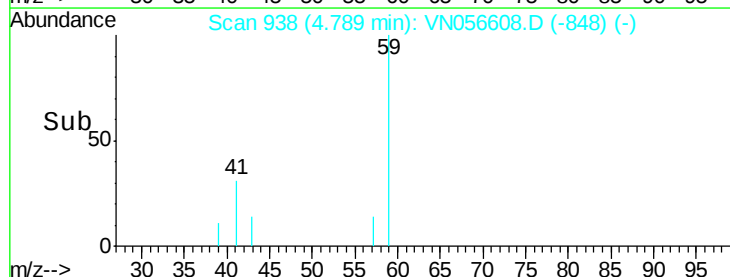
1500

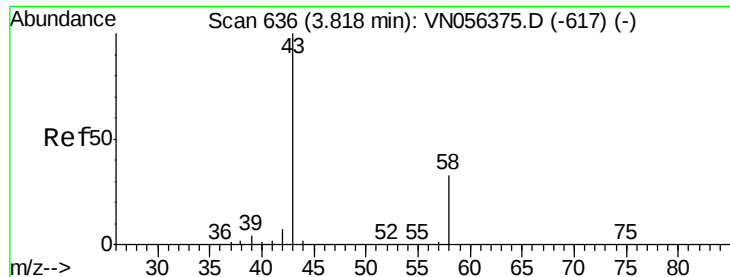
1000

500

0

Time--> 4.70 4.75 4.80 4.85





#16

Acetone

Concen: 30.023 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056608.D

Acq: 8 Jul 2019 14:45

Instrument :

MSVOA_N

ClientSampleId :

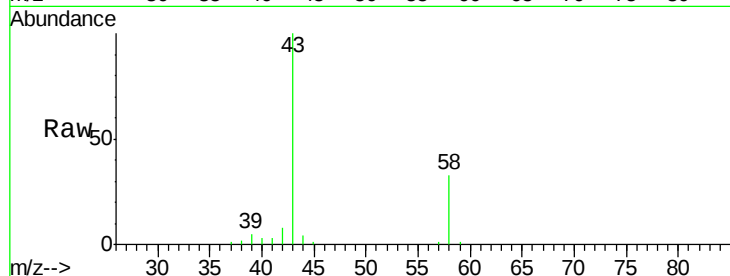
PB121169TB

Tot Ion: 43 Resp: 49565

Ion Ratio Lower Upper

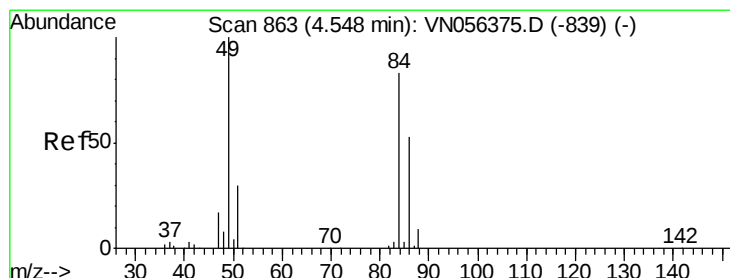
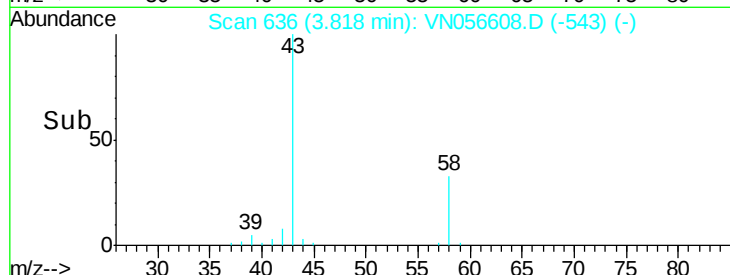
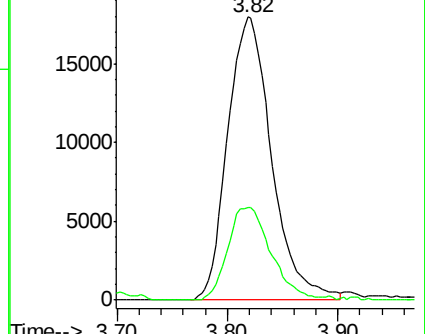
43 100

58 32.9 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 58.00 (57.70 to 58.70): VNC



#20

Methylene Chloride

Concen: 1.808 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN056608.D

Acq: 8 Jul 2019 14:45

Tgt Ion: 84 Resp: 8297

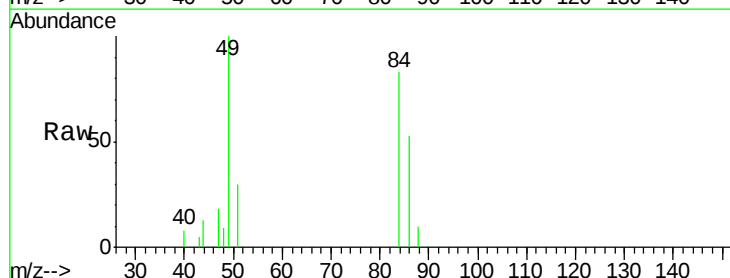
Ion Ratio Lower Upper

84 100

49 121.0 96.4 144.6

51 36.1 28.6 43.0

86 63.9 51.4 77.2

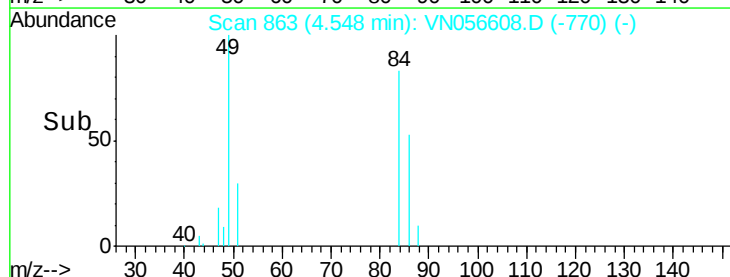
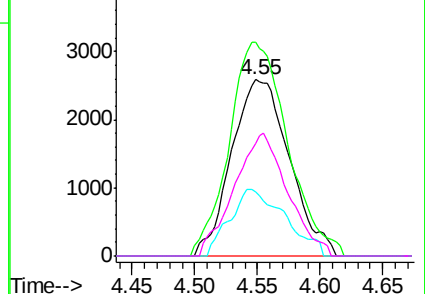


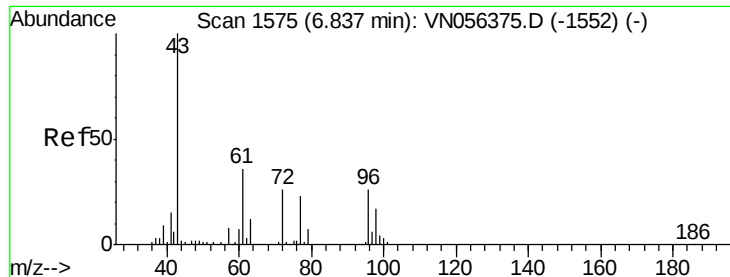
Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC

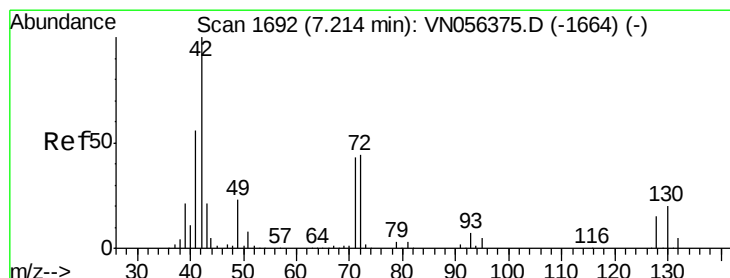
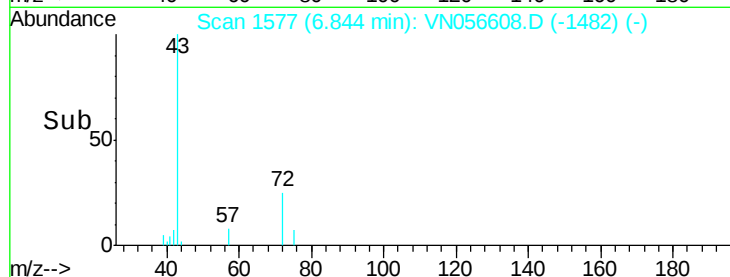
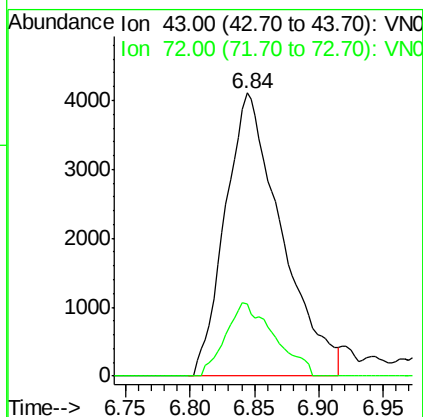
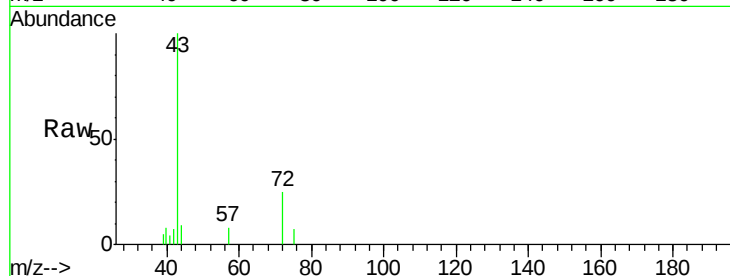




#25
 2-Butanone
 Concen: 5.692 ug/l
 RT: 6.84 min Scan# 1577
 Delta R.T. 0.01 min
 Lab File: VN056608.D
 Acq: 8 Jul 2019 14:45

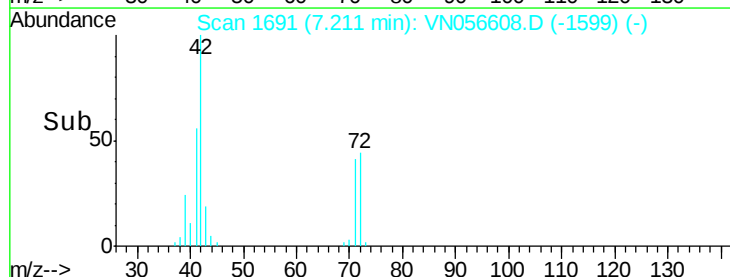
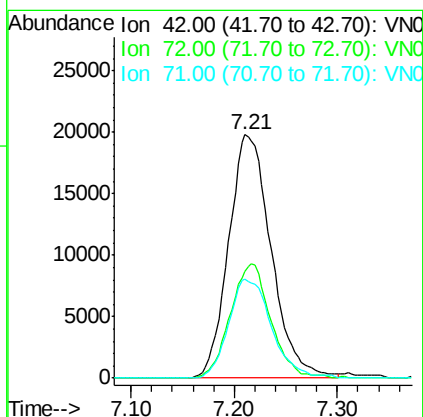
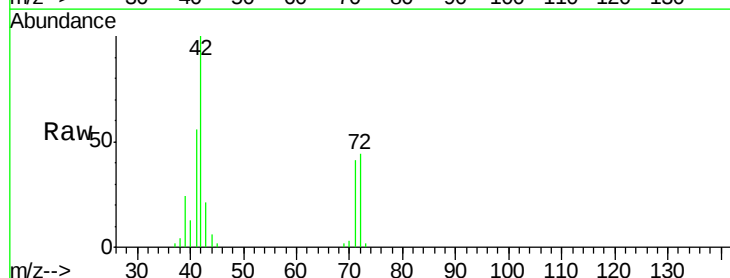
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121169TB

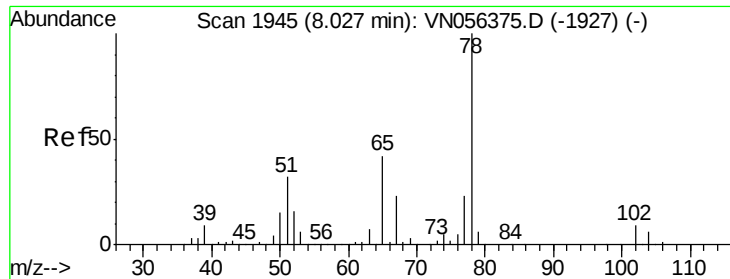
Tot Ion: 43 Resp: 12436
 Ion Ratio Lower Upper
 43 100
 72 25.3 20.6 31.0



#29
 Tetrahydrofuran
 Concen: 42.511 ug/l
 RT: 7.21 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: VN056608.D
 Acq: 8 Jul 2019 14:45

Tgt Ion: 42 Resp: 56763
 Ion Ratio Lower Upper
 42 100
 72 44.5 34.7 52.1
 71 41.0 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 52.104 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056608.D

Acq: 8 Jul 2019 14:45

Instrument :

MSVOA_N

ClientSampleId :

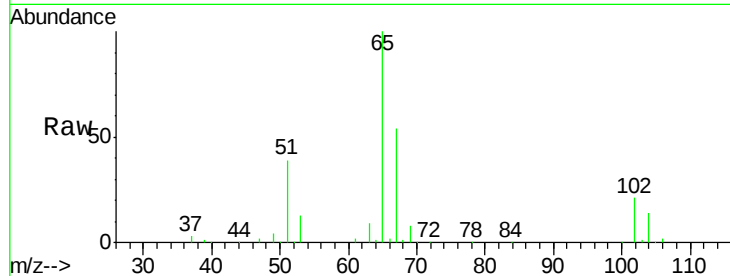
PB121169TB

Tot Ion: 65 Resp: 171688

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

80000

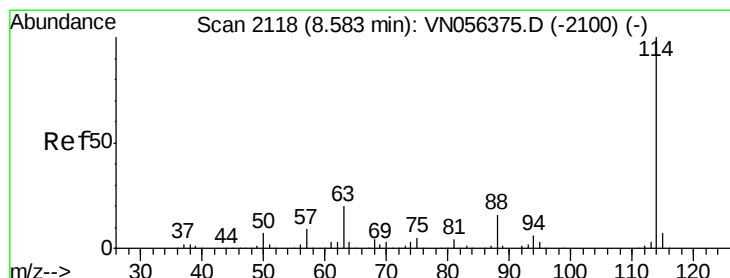
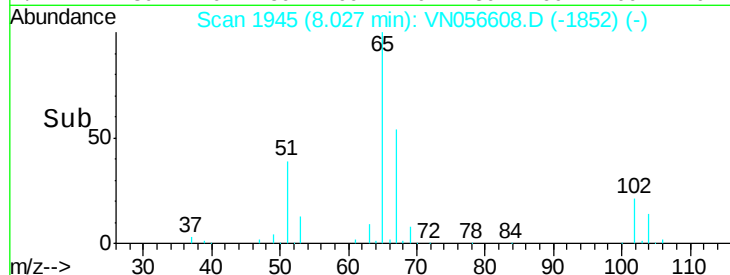
60000

40000

20000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN056608.D

Acq: 8 Jul 2019 14:45

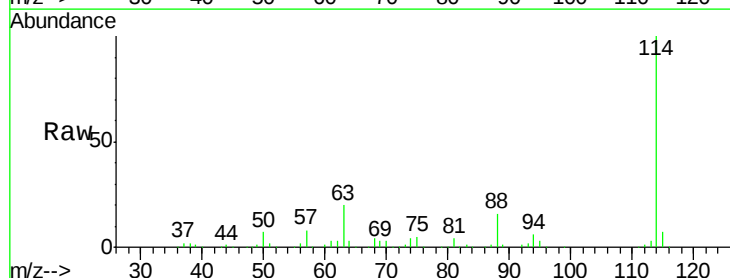
Tgt Ion: 114 Resp: 509128

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.2

88 15.6 0.0 31.4



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

8.58

300000

250000

200000

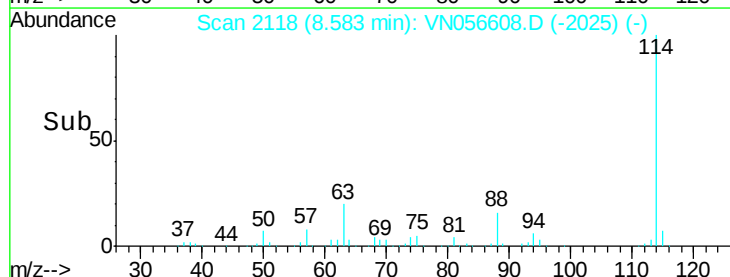
150000

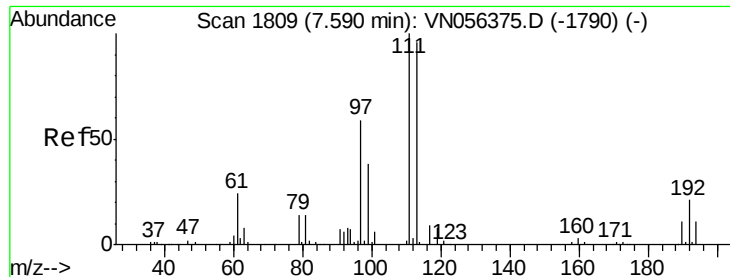
100000

50000

0

Time--> 8.50 8.60 8.70 8.80

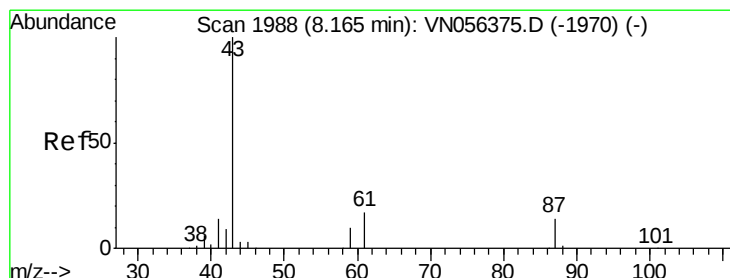
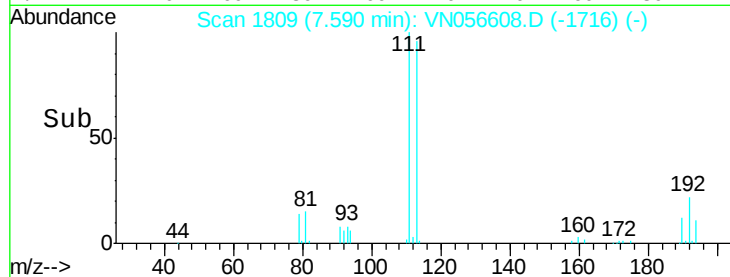
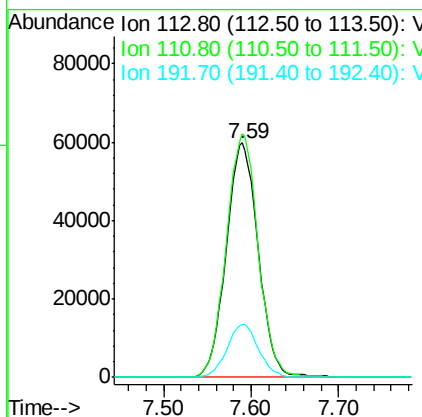
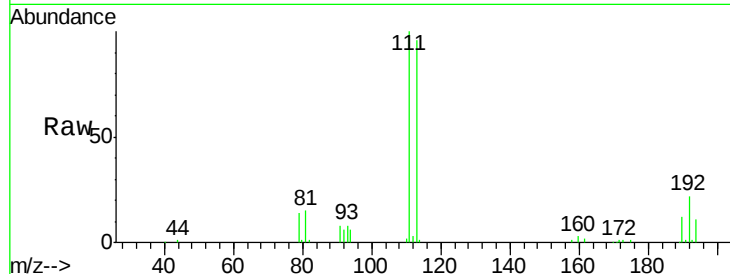




#35
 Dibromofluoromethane
 Concen: 47.894 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056608.D
 Acq: 8 Jul 2019 14:45

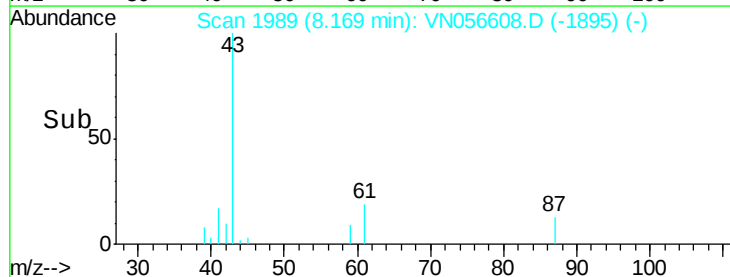
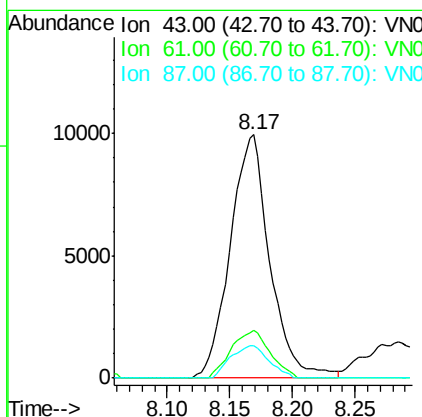
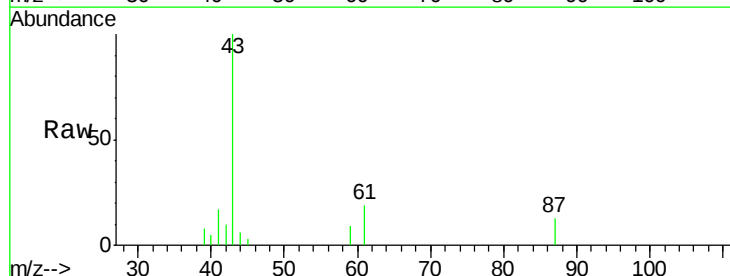
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121169TB

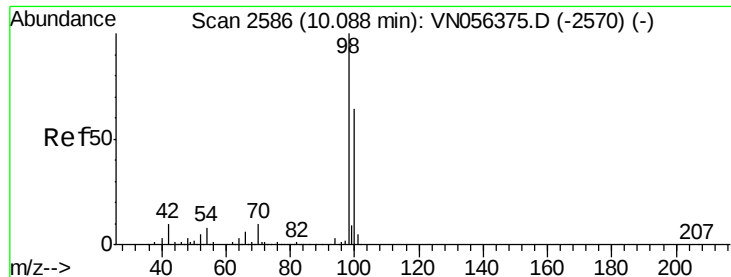
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.9	124.3
192	22.1	17.7	26.5



#43
 Isopropyl Acetate
 Concen: 3.214 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN056608.D
 Acq: 8 Jul 2019 14:45

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.2	22.0	33.0#
87	12.8	11.0	16.4





#50

Toluene-d8

Concen: 51.948 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056608.D

Acq: 8 Jul 2019 14:45

Instrument :

MSVOA_N

ClientSampleId :

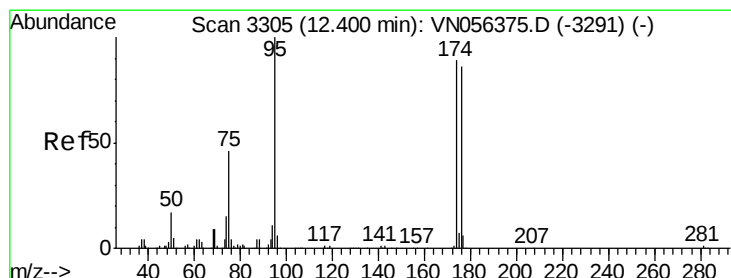
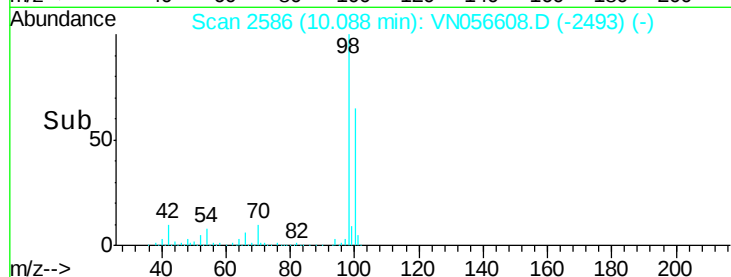
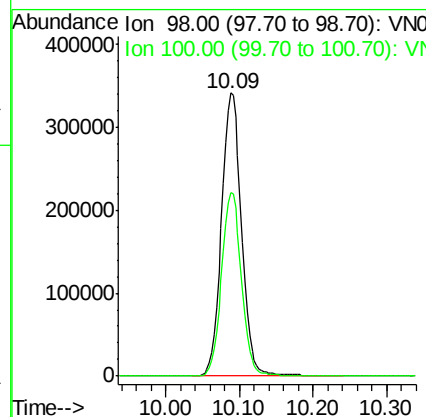
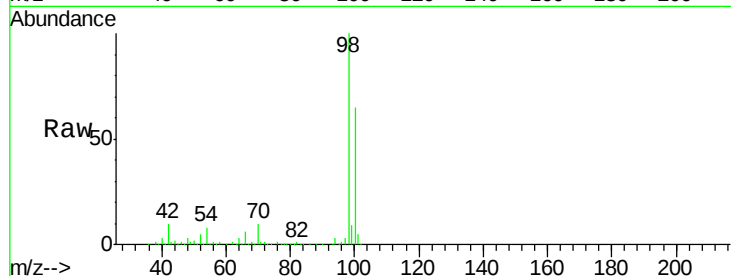
PB121169TB

Tot Ion: 98 Resp: 642001

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 58.025 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056608.D

Acq: 8 Jul 2019 14:45

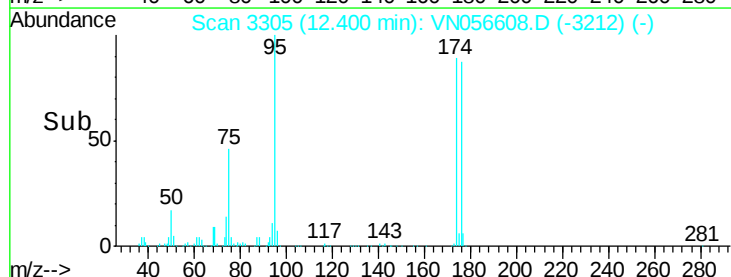
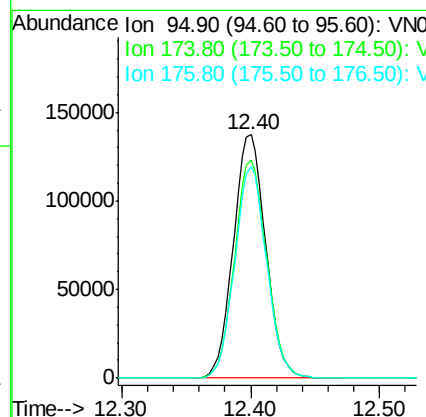
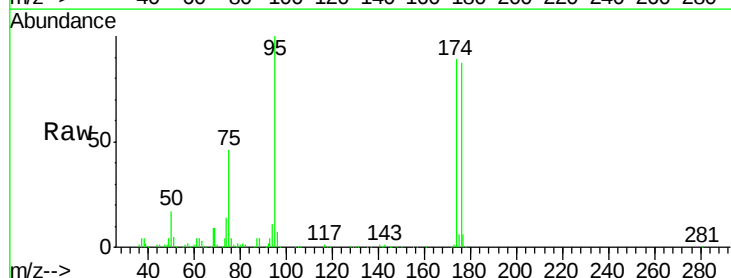
Tgt Ion: 95 Resp: 239052

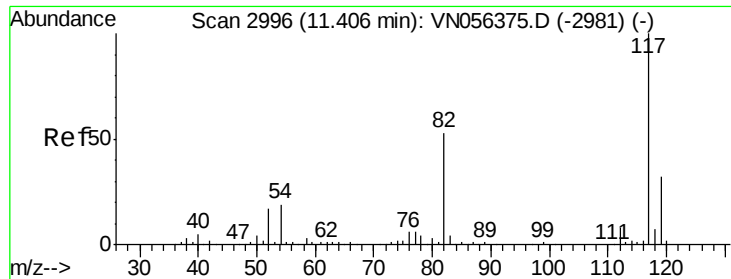
Ion Ratio Lower Upper

95 100

174 89.3 0.0 179.4

176 85.9 0.0 173.4

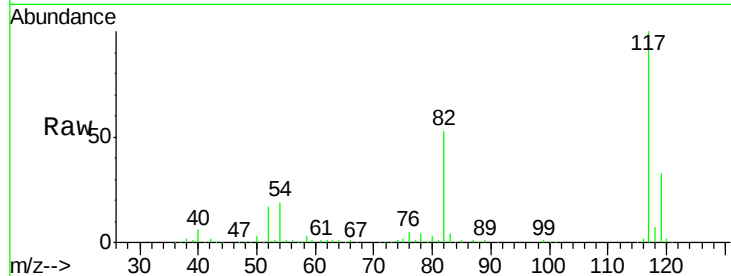




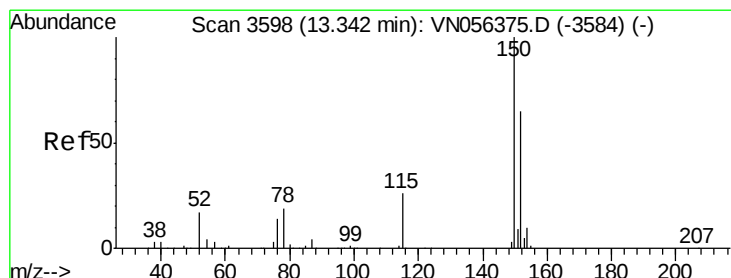
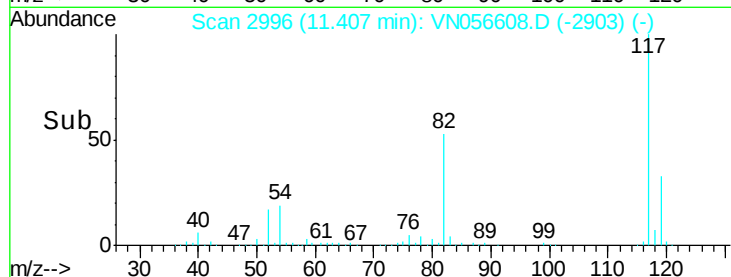
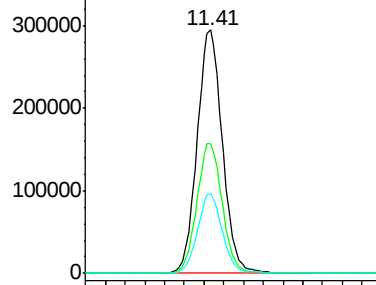
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056608.D
Acq: 8 Jul 2019 14:45

Instrument :
MSVOA_N
ClientSampleId :
PB121169TB

Tot Ion:117 Resp: 528160
Ion Ratio Lower Upper
117 100
82 53.5 42.0 63.0
119 32.7 25.3 37.9

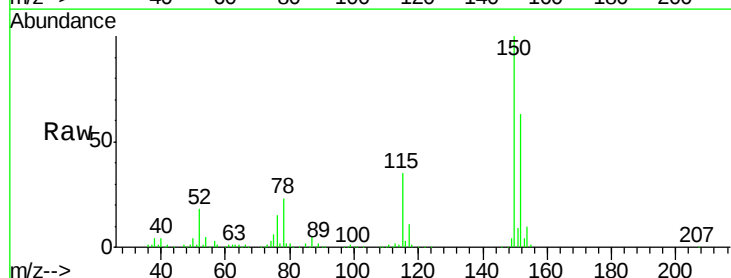


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

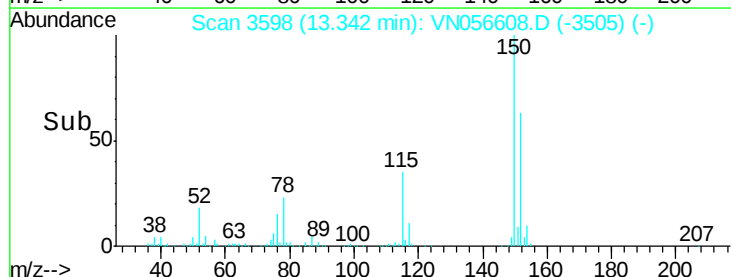
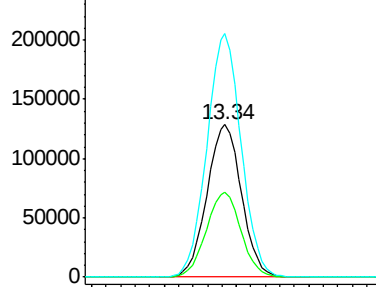


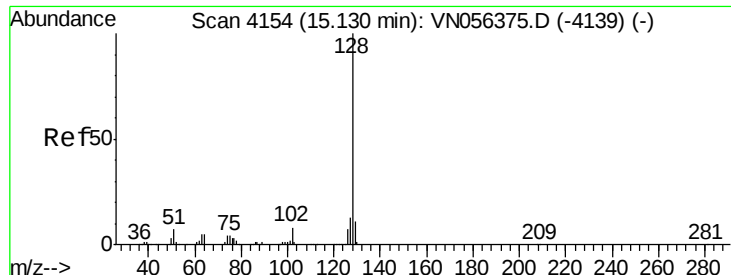
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056608.D
Acq: 8 Jul 2019 14:45

Tgt Ion:152 Resp: 212099
Ion Ratio Lower Upper
152 100
115 56.0 28.1 84.4
150 158.7 0.0 348.4



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





#95

Naphthalene

Concen: 5.773 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056608.D

Acq: 8 Jul 2019 14:45

Instrument :

MSVOA_N

ClientSampleId :

PB121169TB

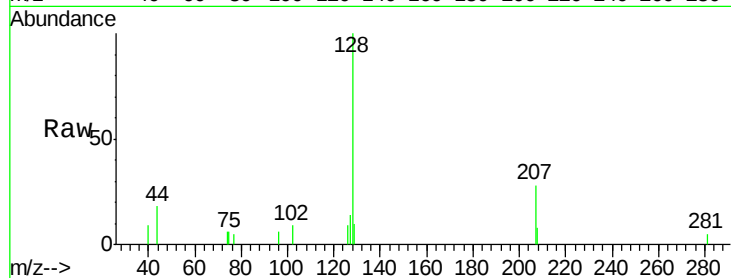
Tot Ion:128 Resp: 5724

Ion Ratio Lower Upper

128 100

127 9.9 10.2 15.2#

129 11.5 8.6 12.8



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

