

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060220\
 Data File : VN061613.D
 Acq On : 2 Jun 2020 12:14
 Operator : JC/MD
 Sample : L2795-01
 Misc : 1.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 217

Quant Time: Jun 03 07:08:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

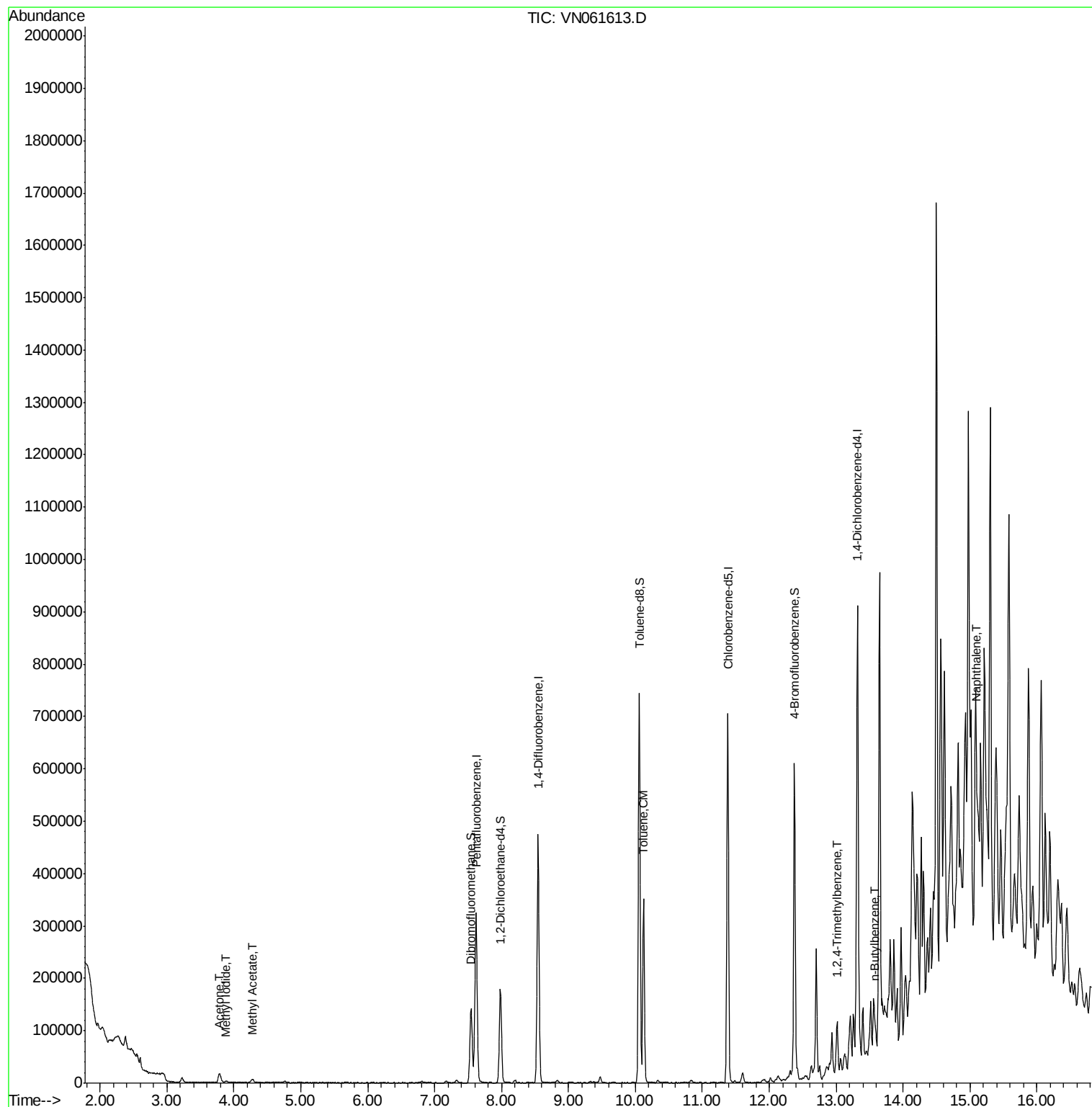
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	276787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	464069	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	433119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	235115	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	151809	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.06%	
35) Dibromofluoromethane	7.54	113	108475	46.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.16%	
50) Toluene-d8	10.06	98	541137	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
62) 4-Bromofluorobenzene	12.38	95	215798	54.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.44%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	3.88	142	3922	1.067	ug/l	94
16) Acetone	3.78	43	29494	26.919	ug/l	98
18) Methyl Acetate	4.27	43	10951	3.668	ug/l	100
52) Toluene	10.12	92	162291	19.616	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	54441	3.821	ug/l	99
89) n-Butylbenzene	13.59	91	26260	2.085	ug/l #	77
95) Naphthalene	15.10	128	66513	5.041	ug/l #	86

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VN061613.D

Acq: 2 Jun 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

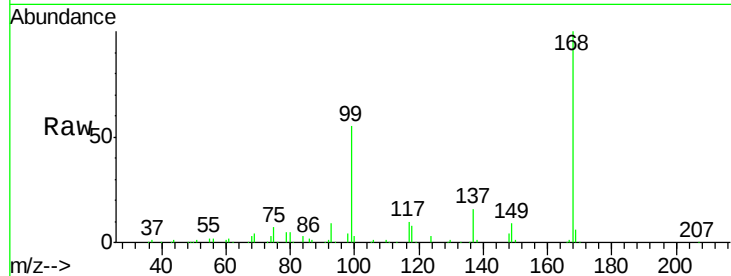
217

Tot Ion:168 Resp: 276787

Ion Ratio Lower Upper

168 100

99 54.7 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

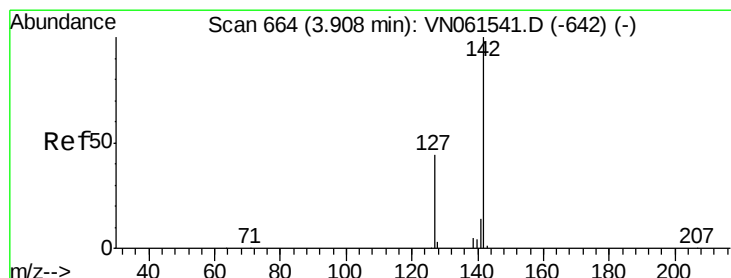
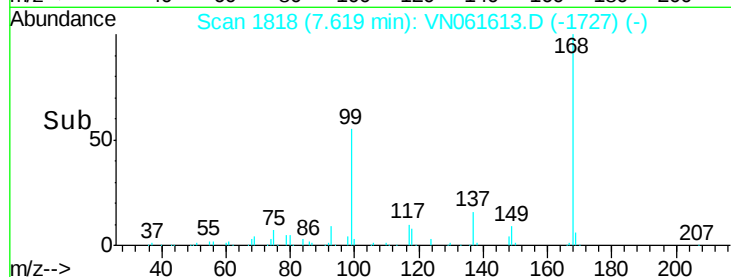
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#10

Methyl Iodide

Concen: 1.067 ug/l

RT: 3.88 min Scan# 656

Delta R.T. -0.03 min

Lab File: VN061613.D

Acq: 2 Jun 2020 12:14

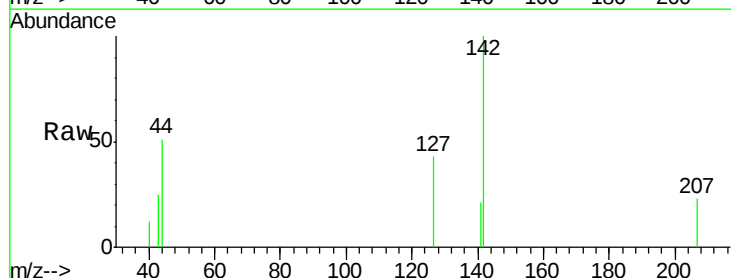
Tgt Ion:142 Resp: 3922

Ion Ratio Lower Upper

142 100

127 40.0 35.5 53.3

141 13.0 11.5 17.3



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

3.88

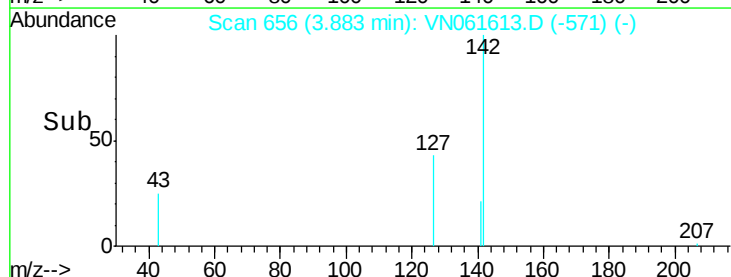
1500

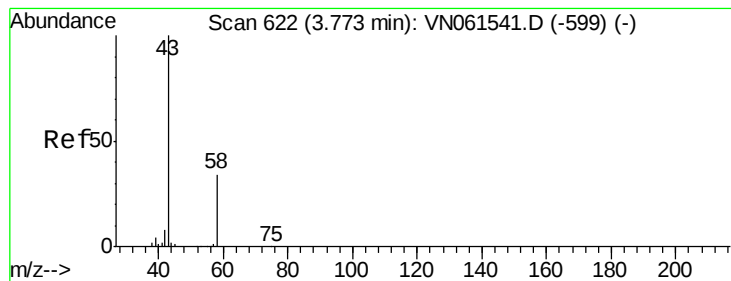
1000

500

0

Time--> 3.80 3.85 3.90 3.95





#16

Acetone

Concen: 26.919 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN061613.D

Acq: 2 Jun 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

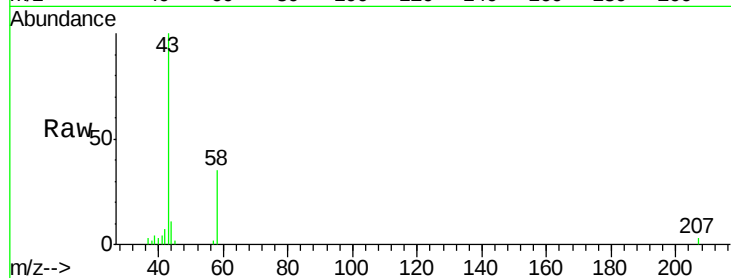
217

Tot Ion: 43 Resp: 29494

Ion Ratio Lower Upper

43 100

58 34.9 27.2 40.8

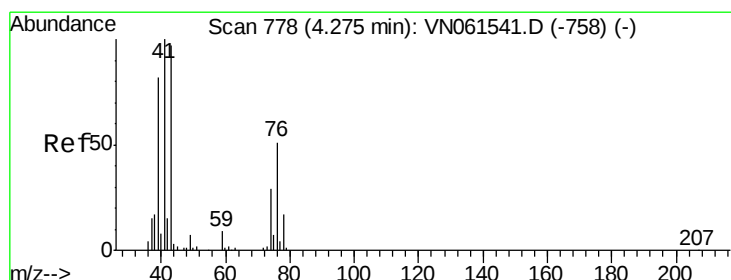
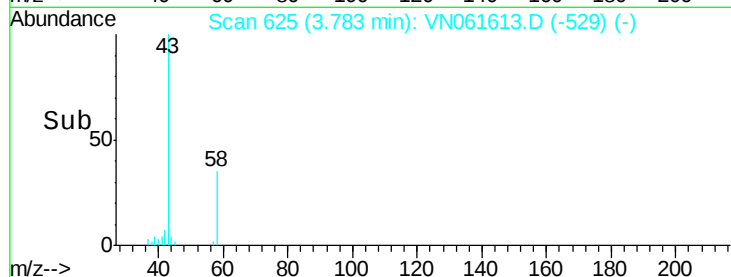


Abundance Ion 43.00 (42.70 to 43.70): VN061613.D (-625) (-)

Ion 58.00 (57.70 to 58.70): VN061613.D (-625) (-)

3.78

Time-->



#18

Methyl Acetate

Concen: 3.668 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061613.D

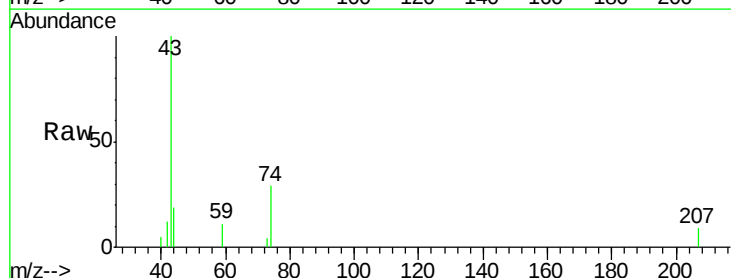
Acq: 2 Jun 2020 12:14

Tgt Ion: 43 Resp: 10951

Ion Ratio Lower Upper

43 100

74 29.0 23.2 34.8

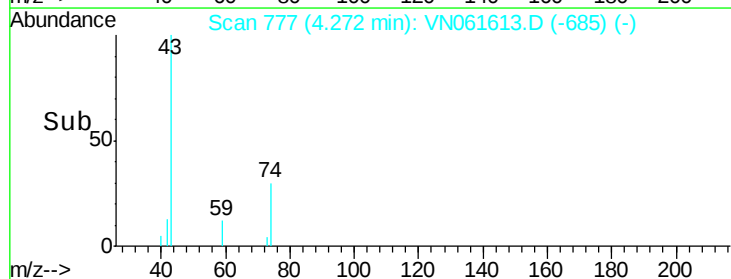


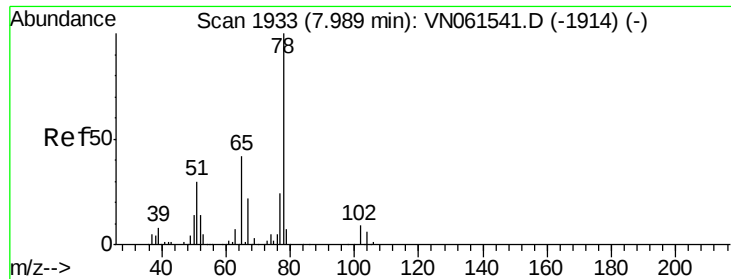
Abundance Ion 43.00 (42.70 to 43.70): VN061613.D (-685) (-)

Ion 74.00 (73.70 to 74.70): VN061613.D (-685) (-)

4.27

Time-->

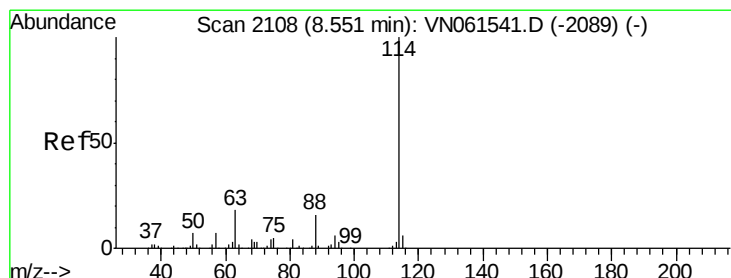
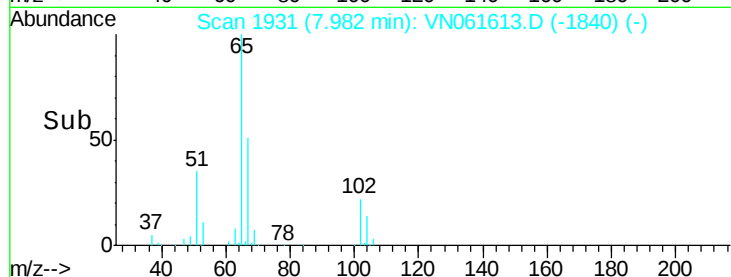
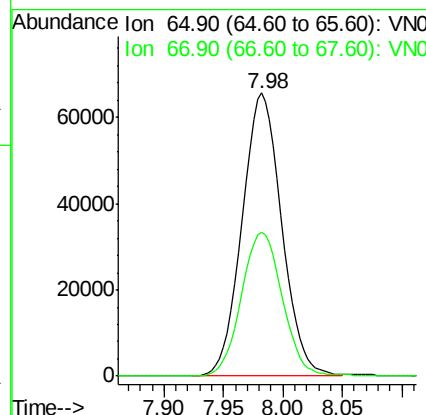
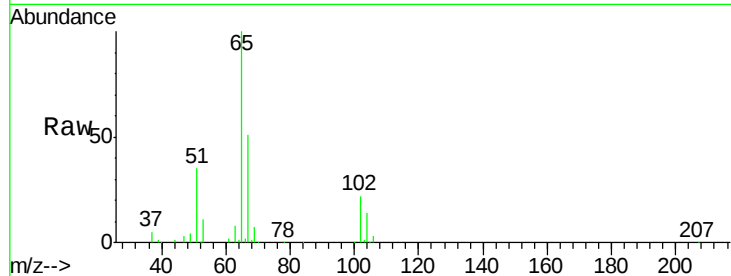




#33
 1,2-Dichloroethane-d4
 Concen: 46.034 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN061613.D
 Acq: 2 Jun 2020 12:14

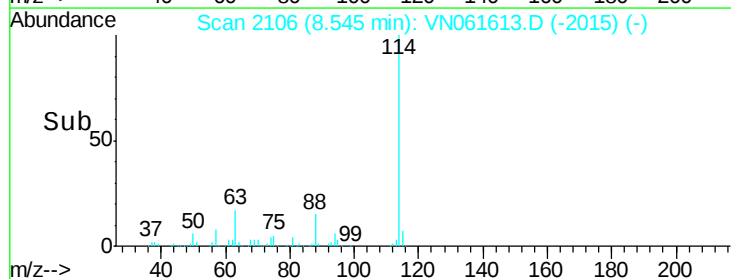
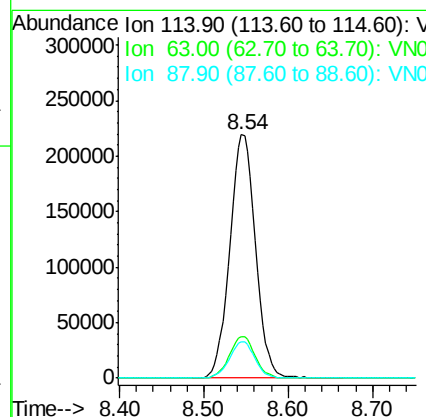
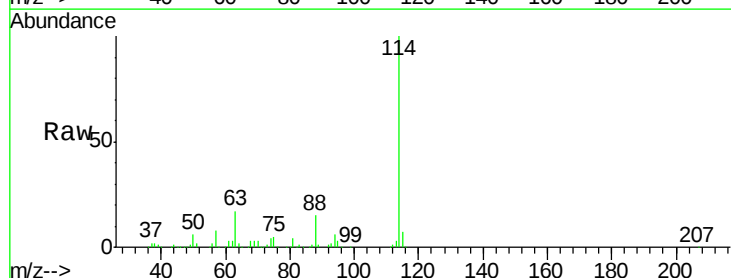
Instrument :
 MSVOA_N
 ClientSampleId :
 217

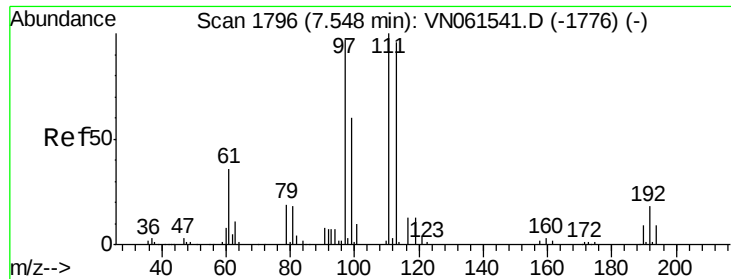
Tot Ion: 65 Resp: 151809
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.54 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: VN061613.D
 Acq: 2 Jun 2020 12:14

Tgt Ion: 114 Resp: 464069
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.8
 88 14.9 0.0 31.0

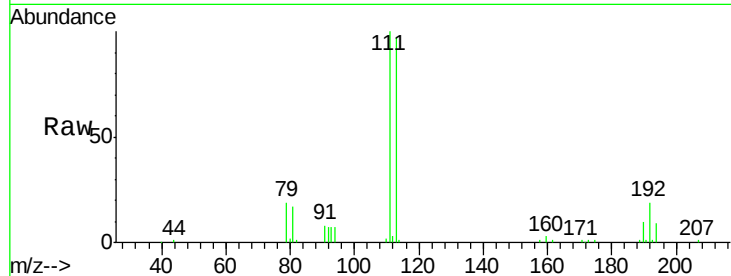




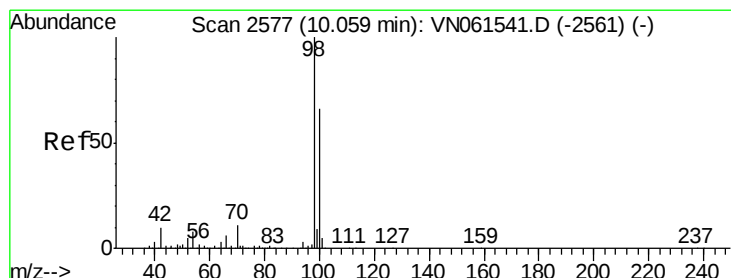
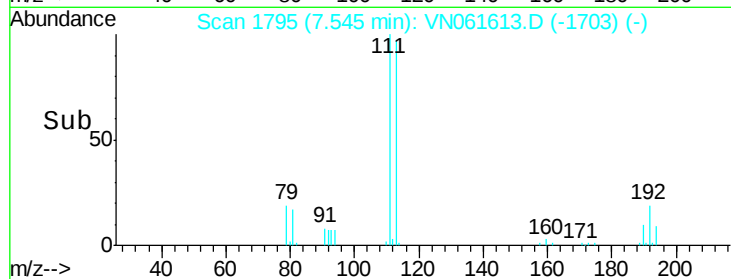
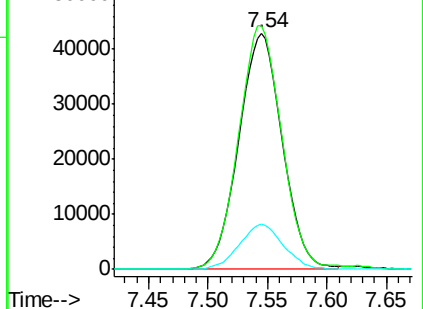
#35
 Dibromofluoromethane
 Concen: 46.078 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061613.D
 Acq: 2 Jun 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 217

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.4	125.0
192	19.4	15.4	23.2

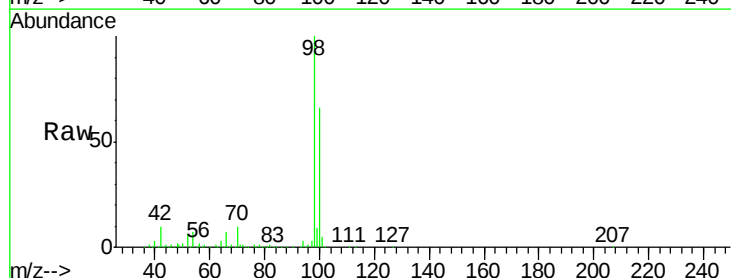


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

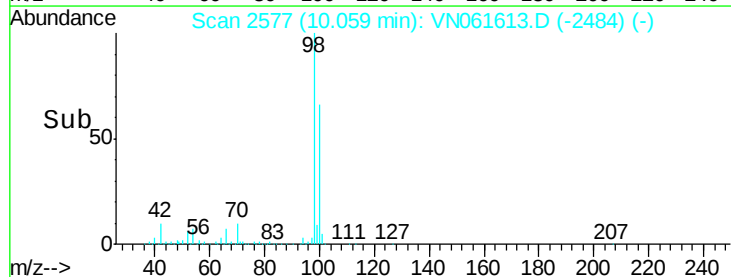
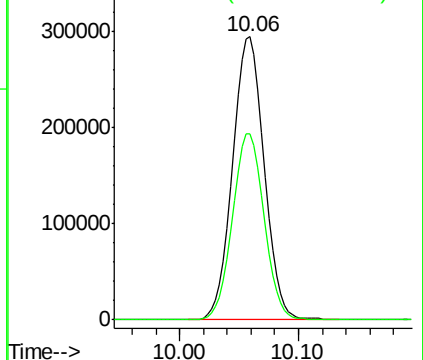


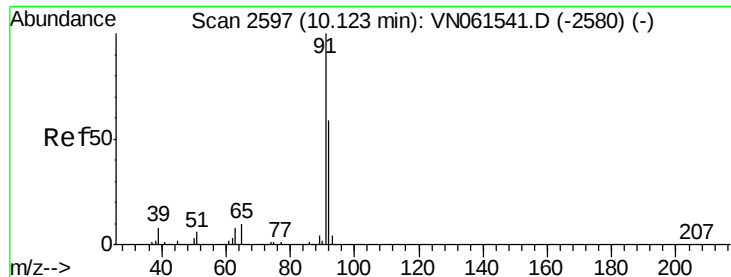
#50
 Toluene-d8
 Concen: 49.603 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN061613.D
 Acq: 2 Jun 2020 12:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.8	79.2



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN





#52

Toluene

Concen: 19.616 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061613.D

Acq: 2 Jun 2020 12:14

Instrument :

MSVOA_N

ClientSampled :

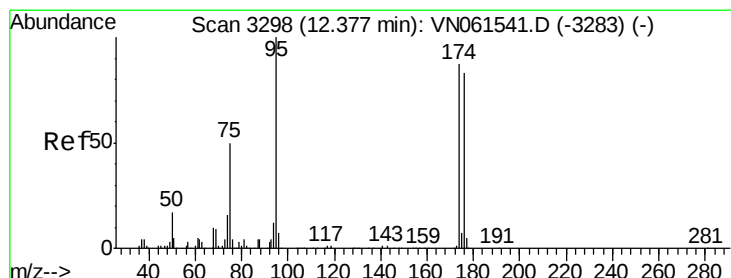
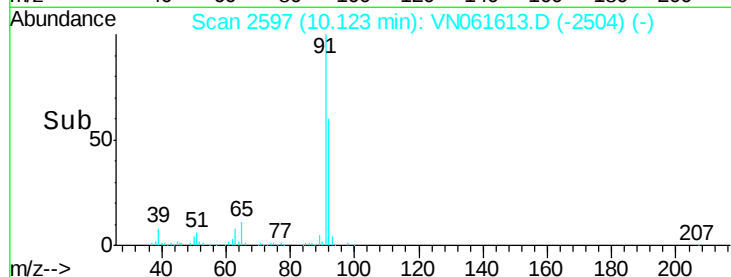
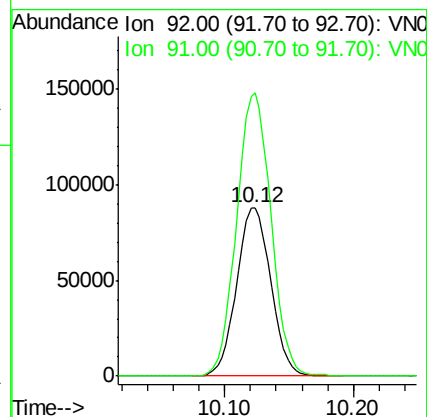
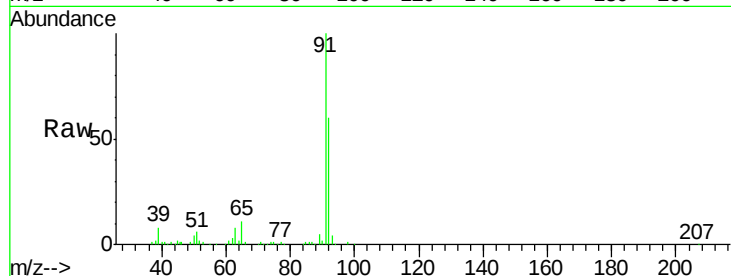
217

Tot Ion: 92 Resp: 162291

Ion Ratio Lower Upper

92 100

91 169.0 136.4 204.6



#62

4-Bromofluorobenzene

Concen: 54.219 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061613.D

Acq: 2 Jun 2020 12:14

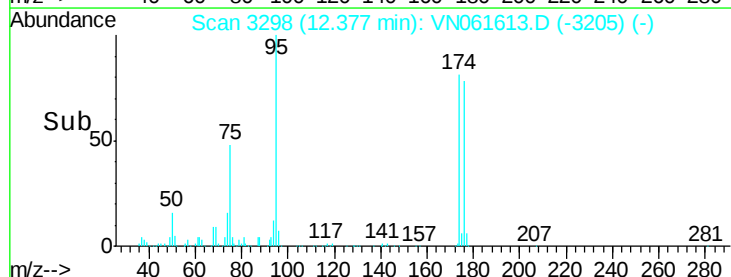
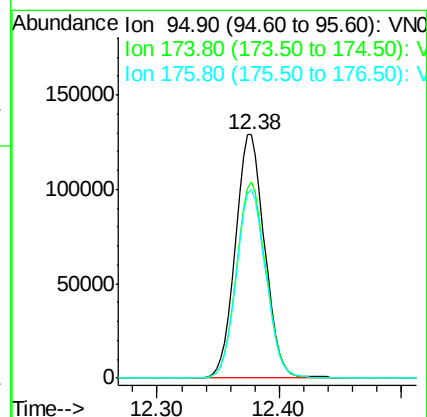
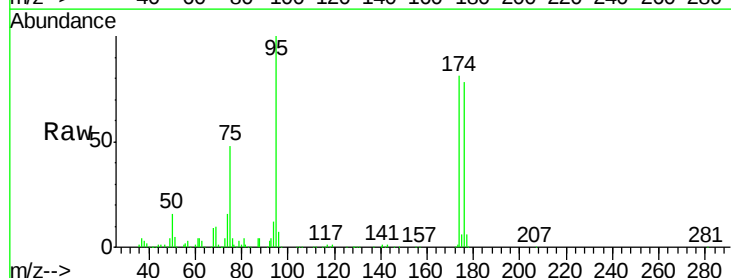
Tgt Ion: 95 Resp: 215798

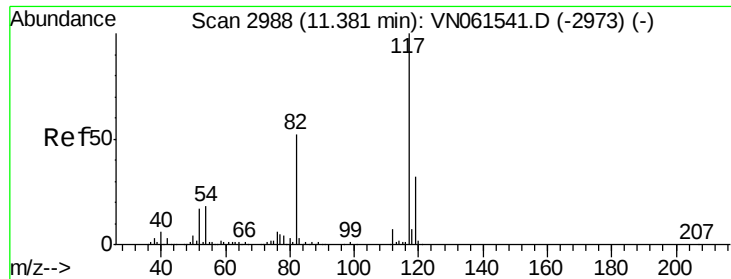
Ion Ratio Lower Upper

95 100

174 80.5 0.0 172.8

176 78.0 0.0 164.8

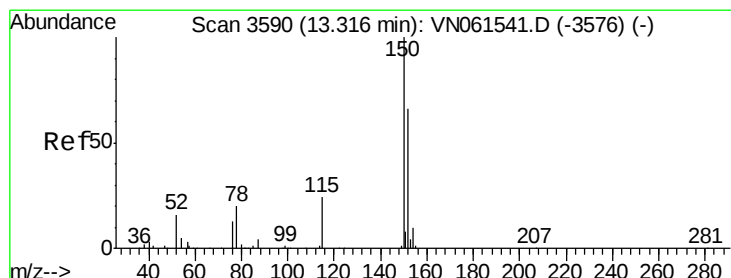
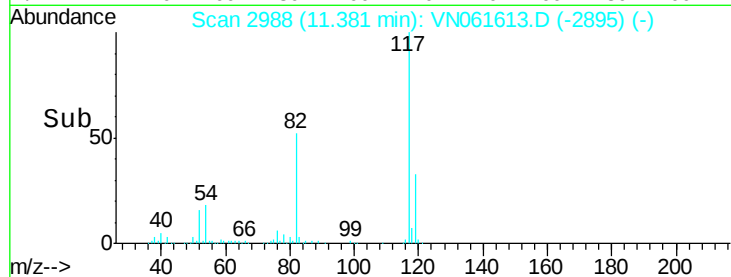
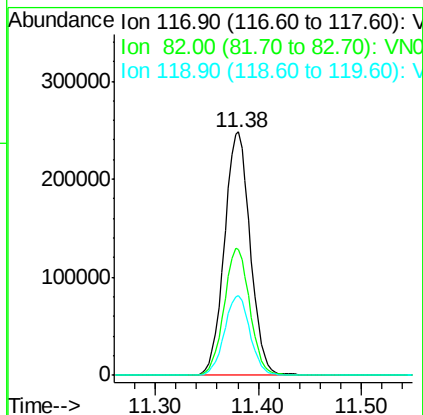
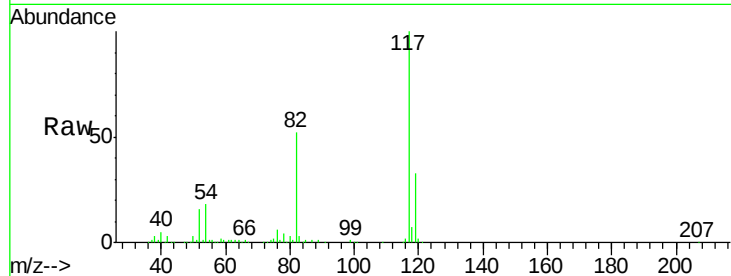




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061613.D
Acq: 2 Jun 2020 12:14

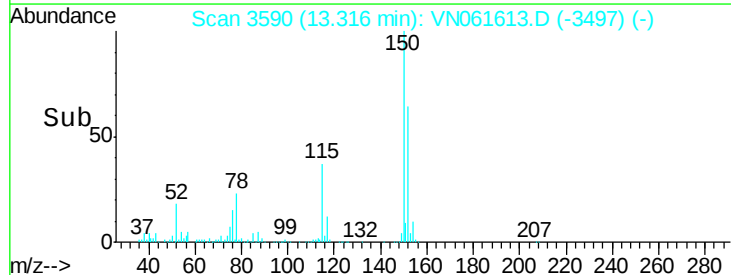
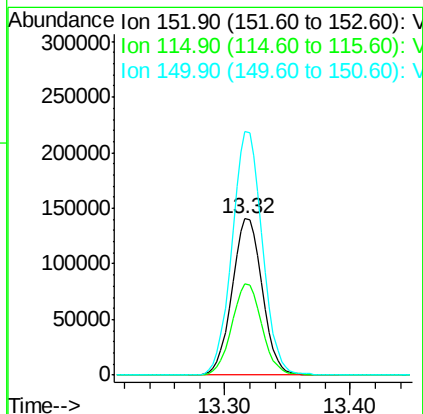
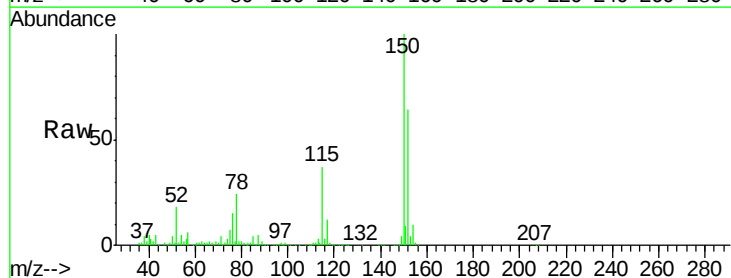
Instrument :
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ClientSampleId :
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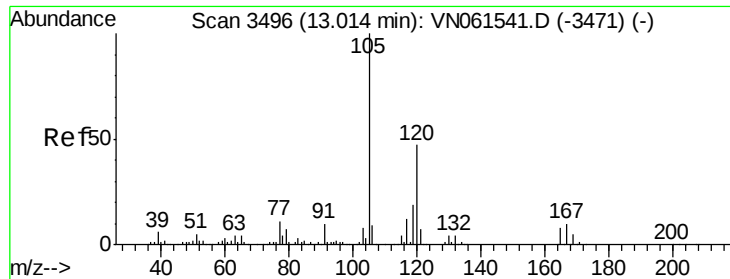
Tot Ion:117 Resp: 433119
Ion Ratio Lower Upper
117 100
82 51.8 41.5 62.3
119 32.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061613.D
Acq: 2 Jun 2020 12:14

Tgt Ion:152 Resp: 235115
Ion Ratio Lower Upper
152 100
115 57.8 28.0 84.0
150 156.6 0.0 344.0

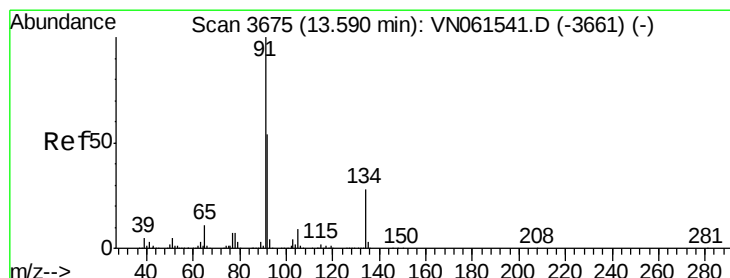
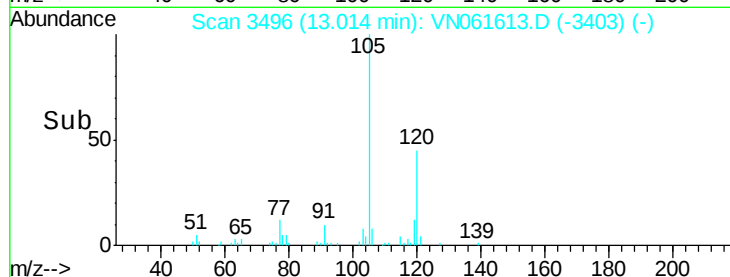
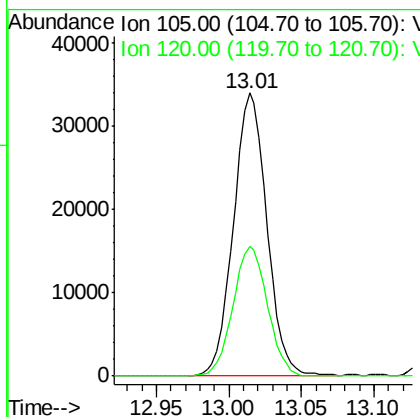
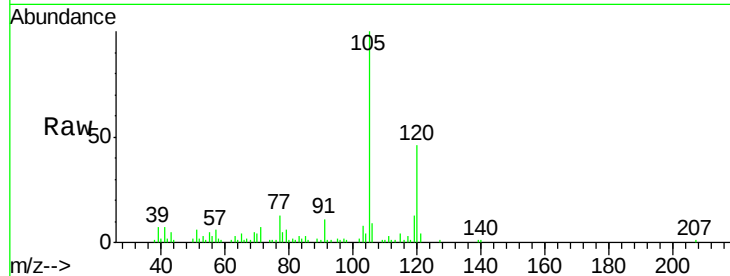




#84
 1,2,4-Trimethylbenzene
 Concen: 3.821 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061613.D
 Acq: 2 Jun 2020 12:14

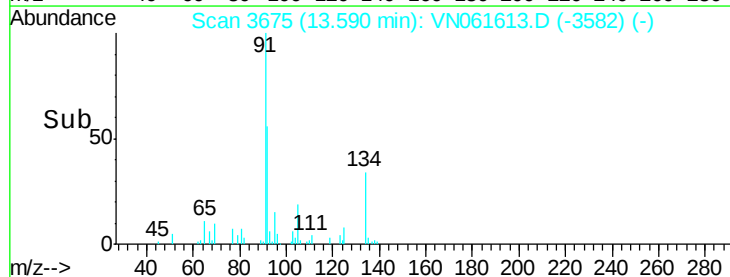
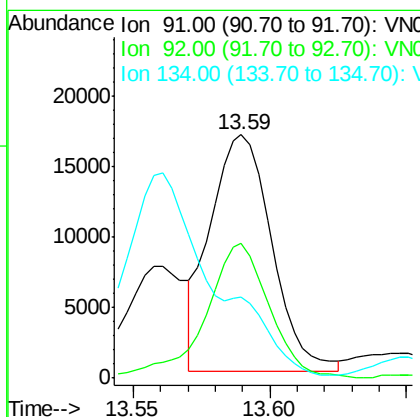
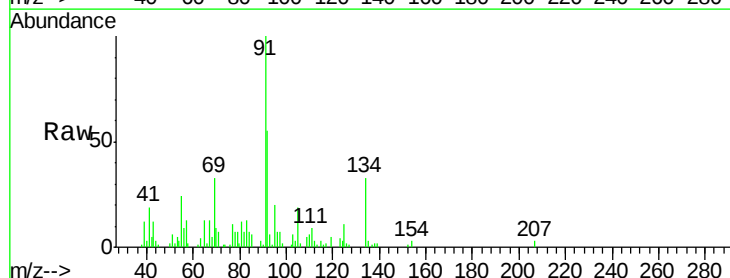
Instrument :
 MSVOA_N
 ClientSampleId :
 217

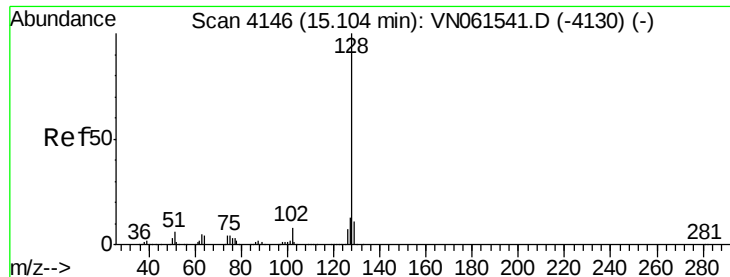
Tot Ion:105 Resp: 54441
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.2 69.5



#89
 n-Butylbenzene
 Concen: 2.085 ug/l
 RT: 13.59 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: VN061613.D
 Acq: 2 Jun 2020 12:14

Tgt Ion: 91 Resp: 26260
 Ion Ratio Lower Upper
 91 100
 92 59.3 27.2 81.6
 134 0.0 14.0 42.0#

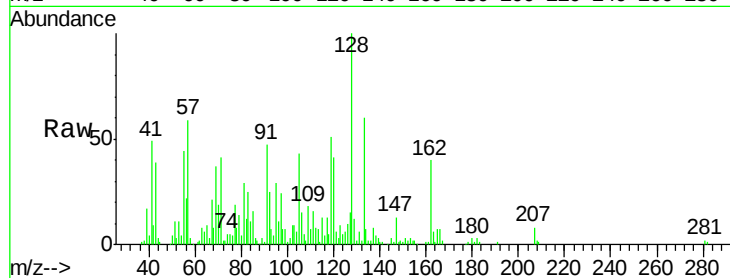




#95
Naphthalene
Concen: 5.041 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061613.D
Acq: 2 Jun 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
217

Tot Ion:128 Resp: 66513
Ion Ratio Lower Upper
128 100
127 17.3 10.0 15.0#
129 16.3 8.5 12.7#



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

