

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081720\
 Data File : VN062990.D
 Acq On : 17 Aug 2020 23:57
 Operator : JC/MD
 Sample : L3696-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 W-1

Quant Time: Aug 18 07:46:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081720W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 17:31:03 2020
 Response via : Initial Calibration

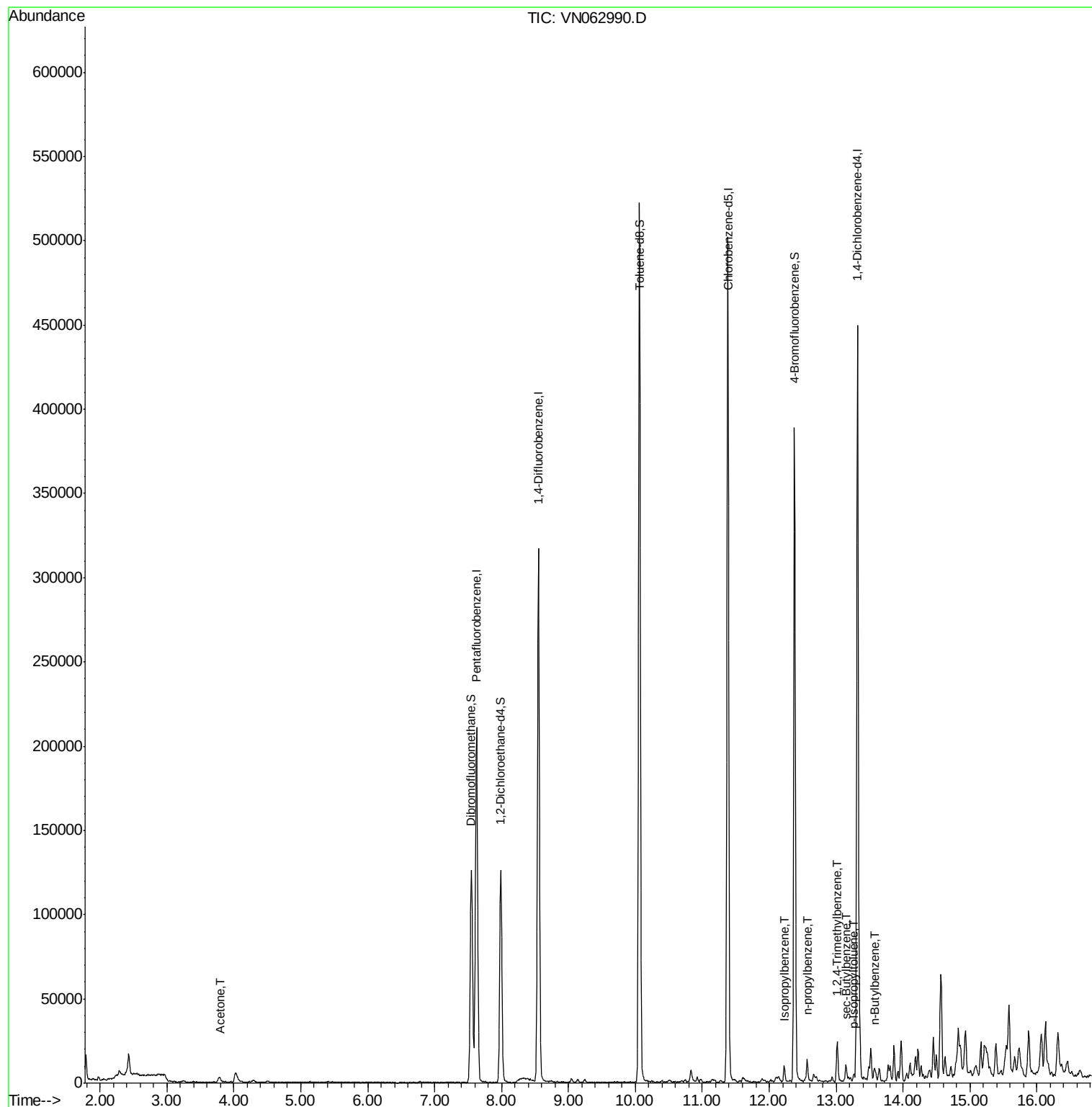
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	187720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	302942	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	315590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	132982	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	108181	54.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.80%	
35) Dibromofluoromethane	7.55	113	98906	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
50) Toluene-d8	10.06	98	380070	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.38	95	134828	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
Target Compounds						
16) Acetone	3.79	43	5186	6.735	ug/l	99
73) Isopropylbenzene	12.23	105	6946	0.757	ug/l	93
78) n-propylbenzene	12.57	91	11060	1.033	ug/l	95
84) 1,2,4-Trimethylbenzene	13.02	105	14247	1.907	ug/l	98
85) sec-Butylbenzene	13.15	105	7413	0.846	ug/l	97
86) p-Isopropyltoluene	13.26	119	2885	0.370	ug/l	93
89) n-Butylbenzene	13.59	91	3516	0.555	ug/l #	74

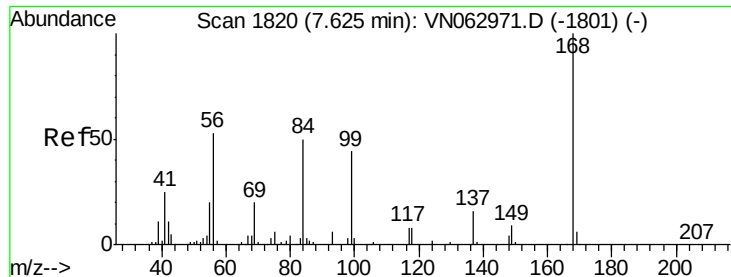
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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W-1

Quant Time: Aug 18 07:46:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081720W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 17 17:31:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062990.D

Acq: 17 Aug 2020 23:57

Instrument :

MSVOA_N

ClientSampled :

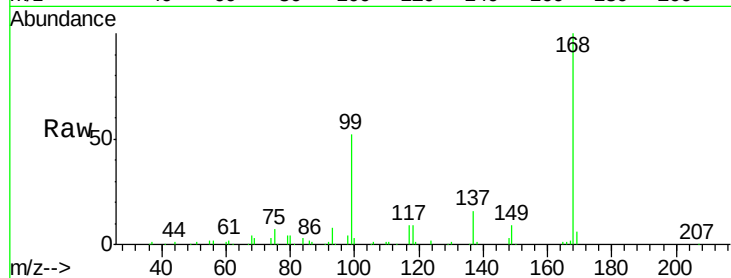
W-1

Tot Ion:168 Resp: 187720

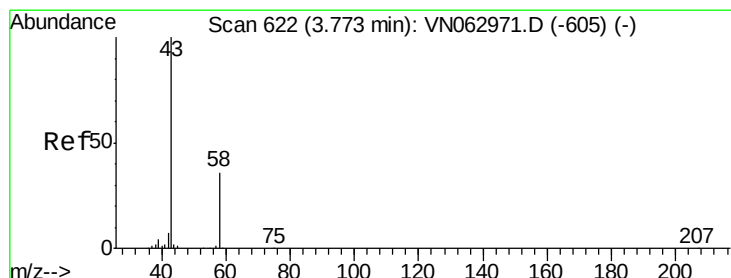
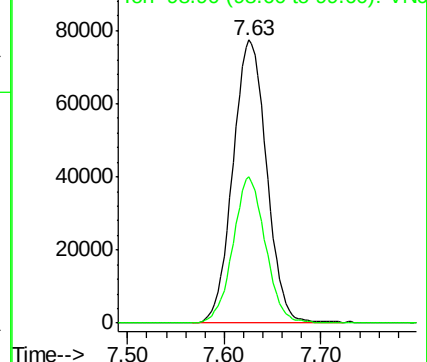
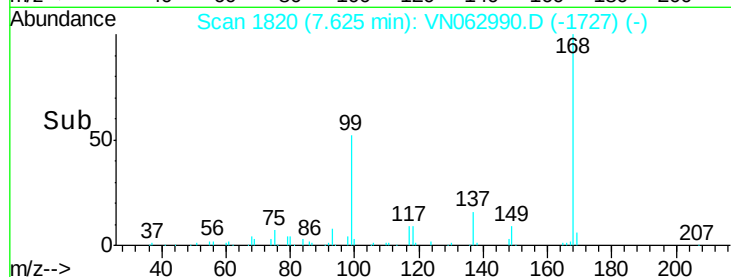
Ion Ratio Lower Upper

168 100

99 51.7 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): VN062990.D (-1727) (-)



#16

Acetone

Concen: 6.735 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN062990.D

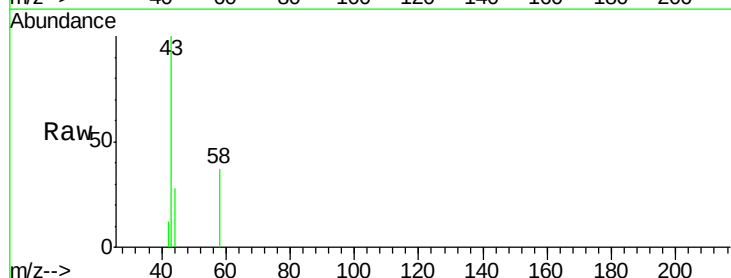
Acq: 17 Aug 2020 23:57

Tgt Ion: 43 Resp: 5186

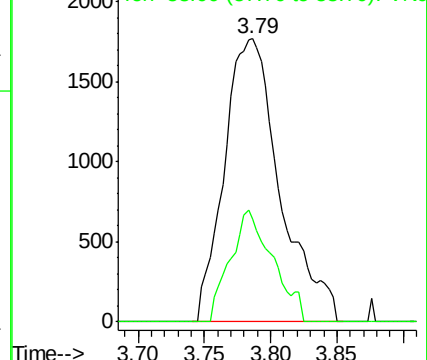
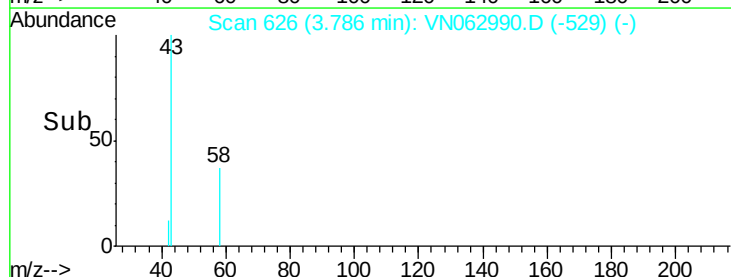
Ion Ratio Lower Upper

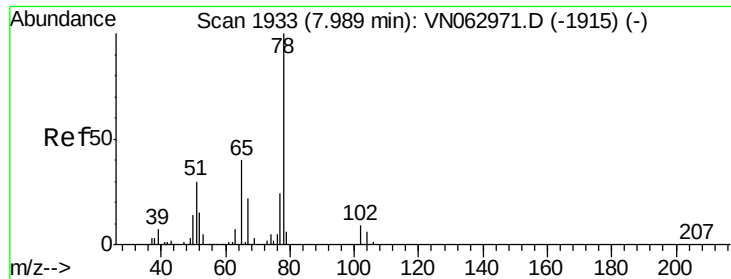
43 100

58 36.6 28.7 43.1



Abundance Ion 43.00 (42.70 to 43.70): VN062990.D (-529) (-)

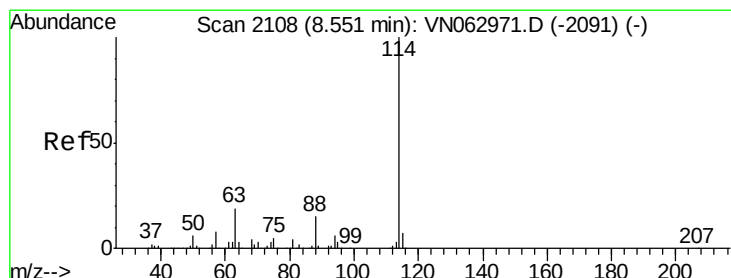
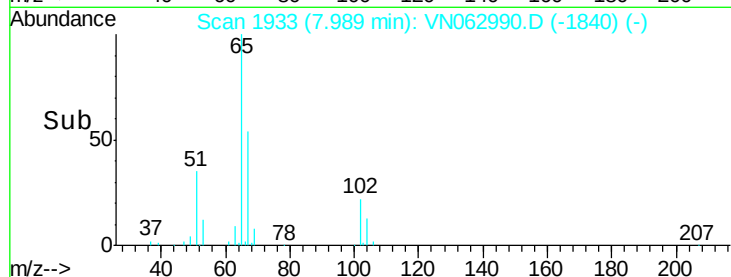
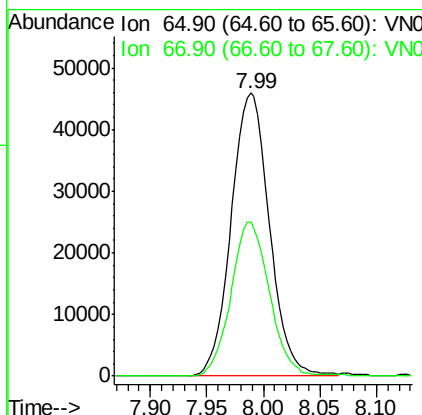
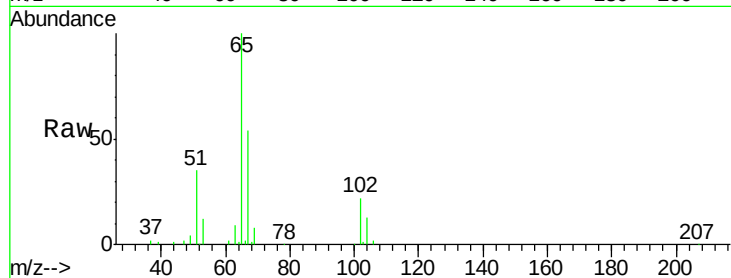




#33
 1,2-Dichloroethane-d4
 Concen: 54.401 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062990.D
 Acq: 17 Aug 2020 23:57

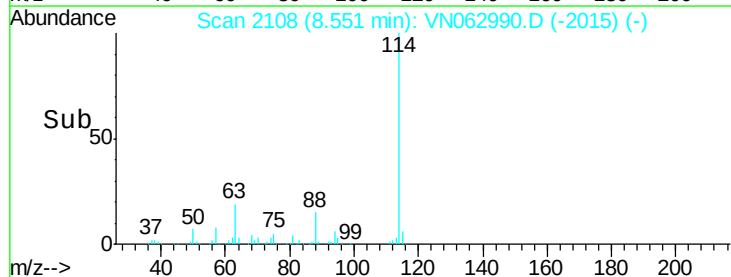
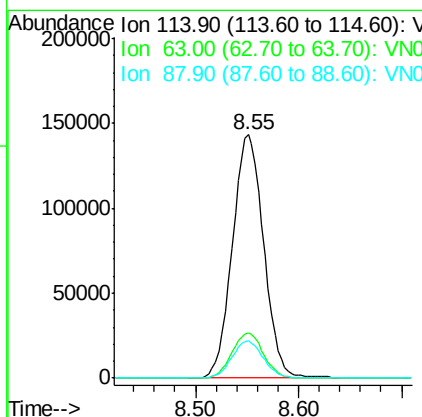
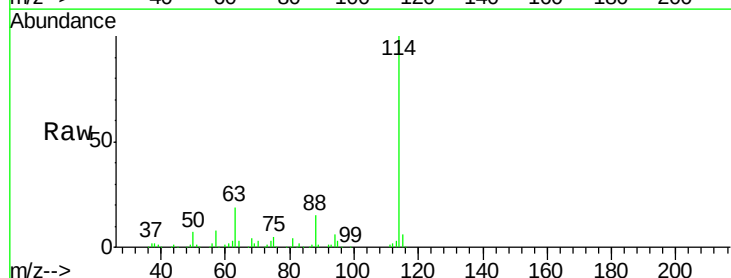
Instrument :
 MSVOA_N
 ClientSampled :
 W-1

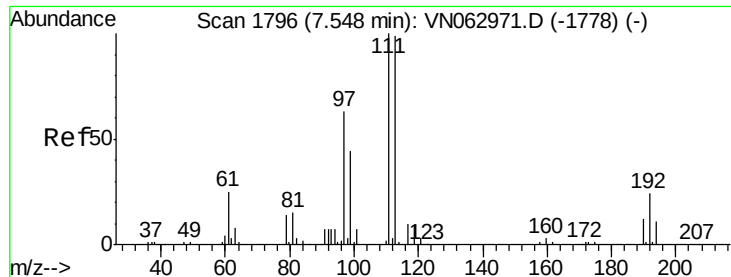
Tot Ion: 65 Resp: 108181
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062990.D
 Acq: 17 Aug 2020 23:57

Tgt Ion: 114 Resp: 302942
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.6
 88 15.3 0.0 31.0

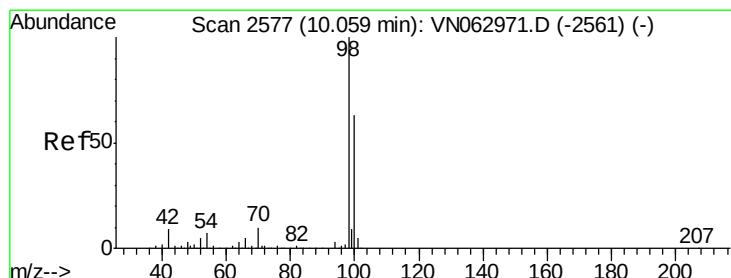
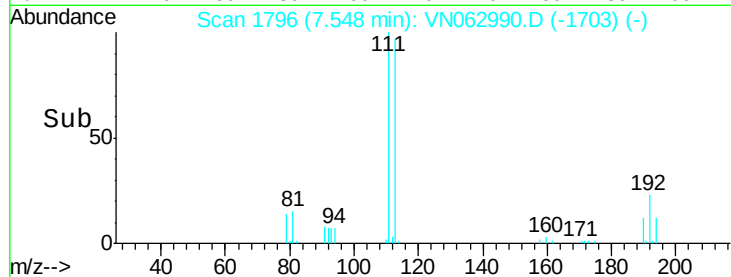
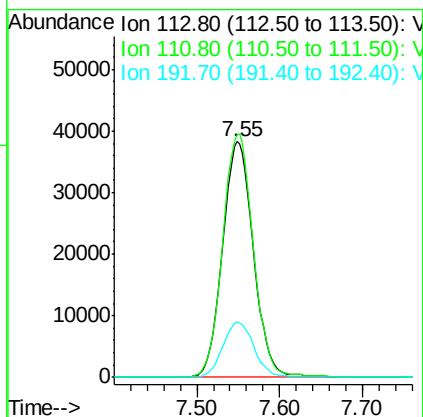
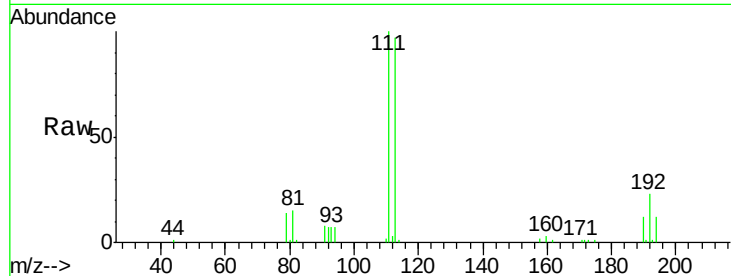




#35
Dibromofluoromethane
Concen: 50.125 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN062990.D
Acq: 17 Aug 2020 23:57

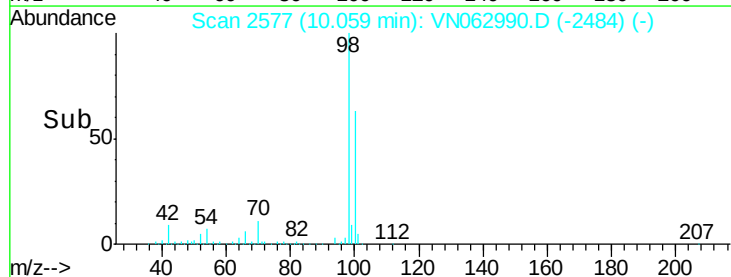
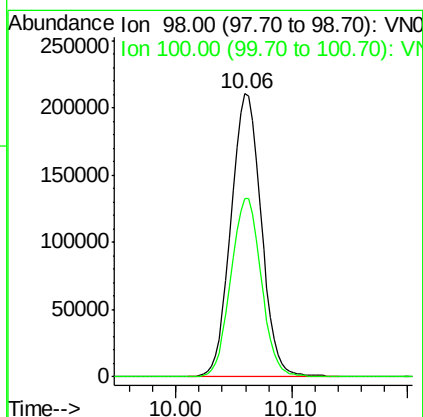
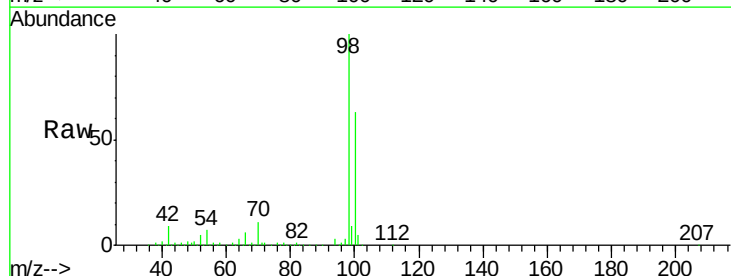
Instrument :
MSVOA_N
ClientSampled :
W-1

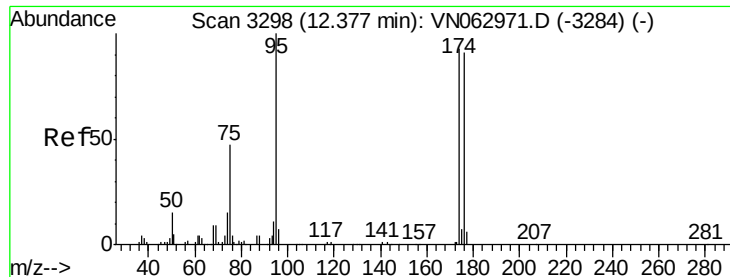
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.4	122.0
192	23.6	19.2	28.8



#50
Toluene-d8
Concen: 49.632 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062990.D
Acq: 17 Aug 2020 23:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.0	76.4

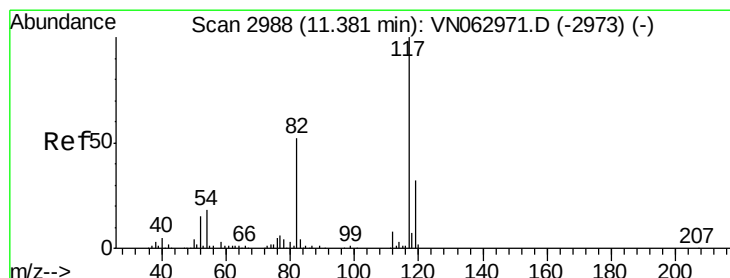
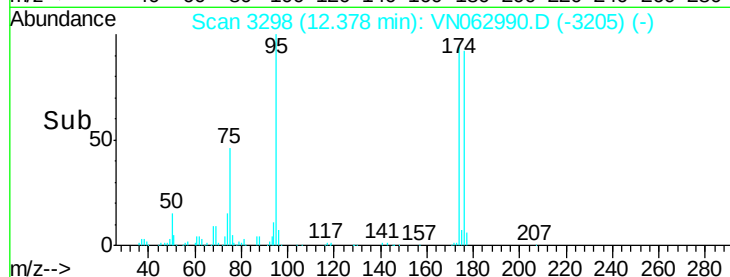
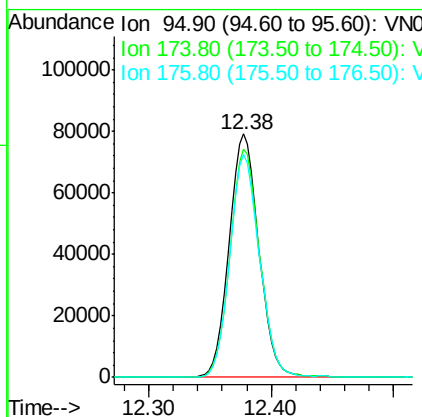
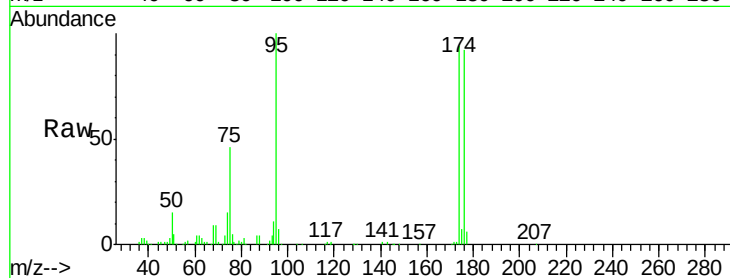




#62
4-Bromofluorobenzene
Concen: 48.999 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062990.D
Acq: 17 Aug 2020 23:57

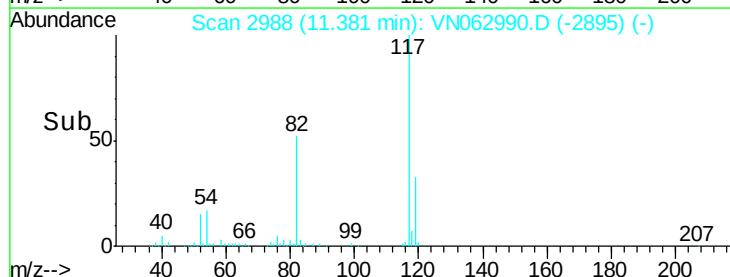
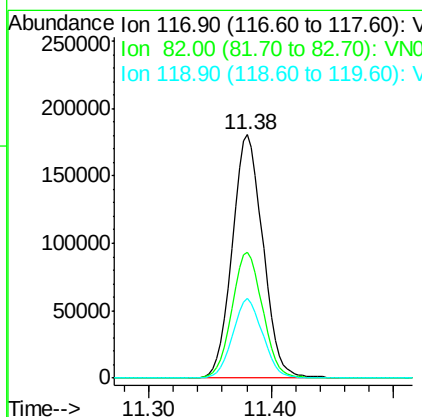
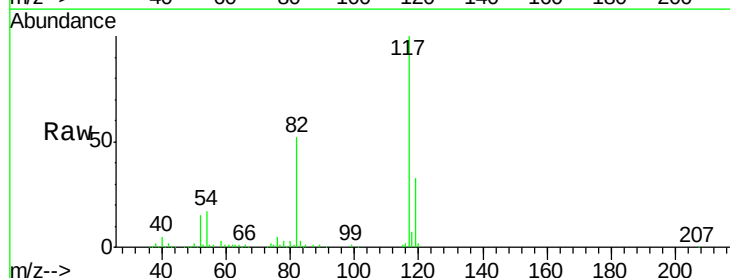
Instrument :
MSVOA_N
ClientSampled :
W-1

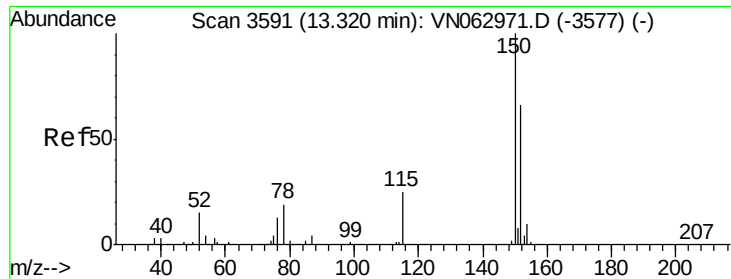
Tot Ion	95	Resp	134828
Ion Ratio	Lower	Upper	
95	100		
174	93.4	0.0	185.2
176	90.8	0.0	178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062990.D
Acq: 17 Aug 2020 23:57

Tgt Ion	117	Resp	315590
Ion Ratio	Lower	Upper	
117	100		
82	51.9	41.3	61.9
119	32.6	25.8	38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062990.D

Acq: 17 Aug 2020 23:57

Instrument :

MSVOA_N

ClientSampleId :

W-1

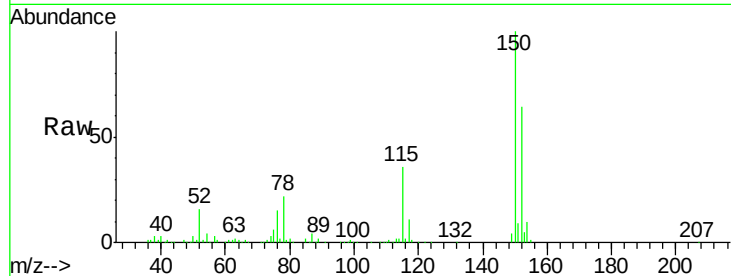
Tot Ion:152 Resp: 132982

Ion Ratio Lower Upper

152 100

115 56.5 27.1 81.3

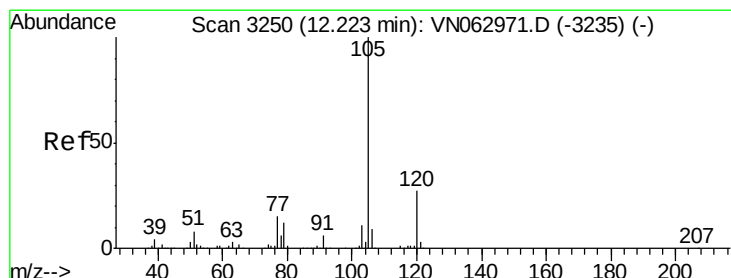
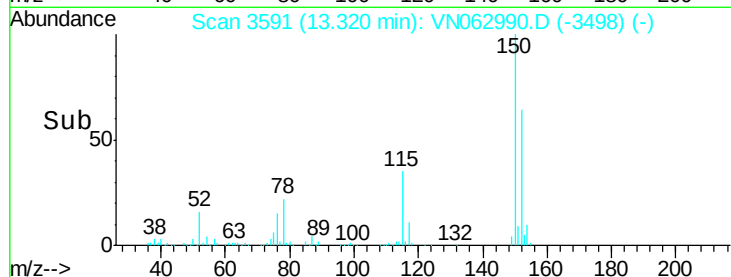
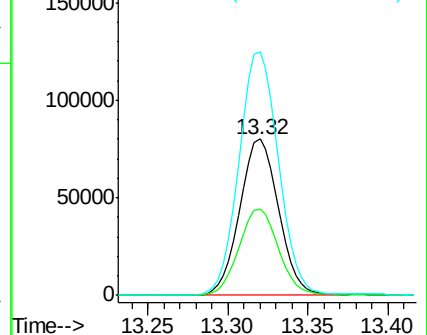
150 158.9 0.0 341.4



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



#73

Isopropylbenzene

Concen: 0.757 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN062990.D

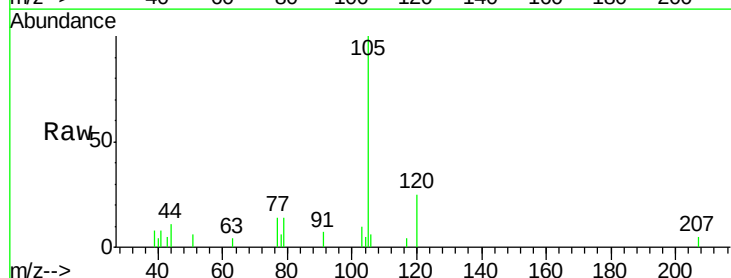
Acq: 17 Aug 2020 23:57

Tgt Ion:105 Resp: 6946

Ion Ratio Lower Upper

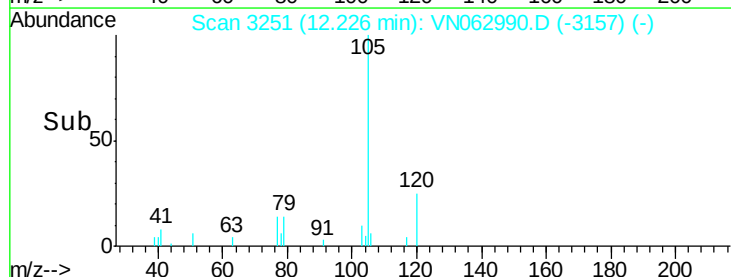
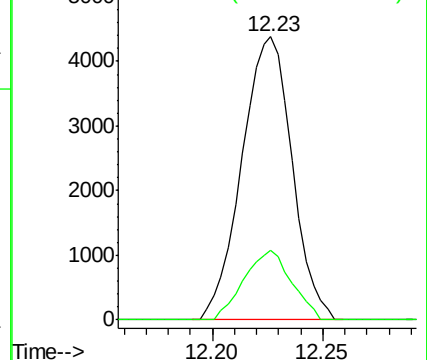
105 100

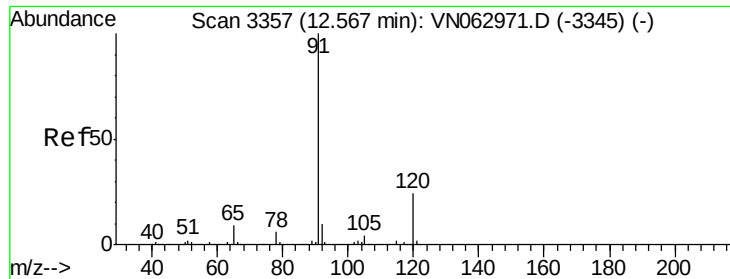
120 23.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 1.033 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062990.D

Acq: 17 Aug 2020 23:57

Instrument :

MSVOA_N

ClientSampleId :

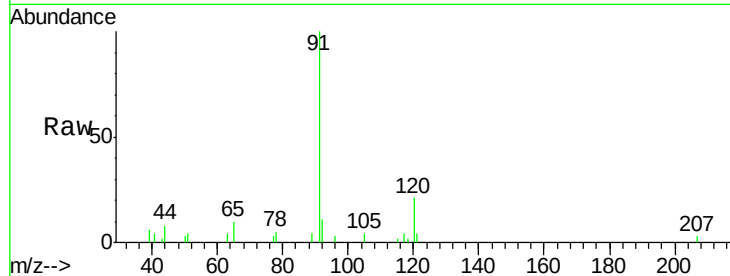
W-1

Tot Ion: 91 Resp: 11060

Ion Ratio Lower Upper

91 100

120 22.0 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VN062971.D (-3345) (-)

Ion 120.00 (119.70 to 120.70): VN062971.D (-3345) (-)

12.57

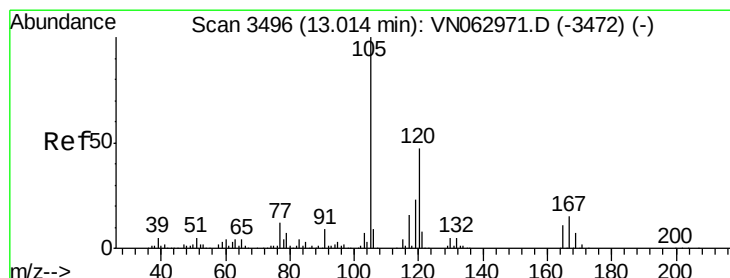
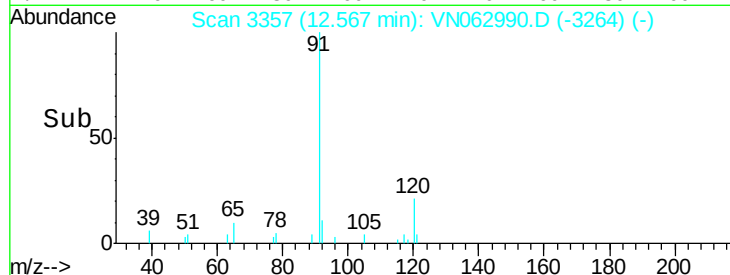
6000

4000

2000

0

Time--> 12.50 12.55 12.60



#84

1,2,4-Trimethylbenzene

Concen: 1.907 ug/l

RT: 13.02 min Scan# 3497

Delta R.T. 0.00 min

Lab File: VN062990.D

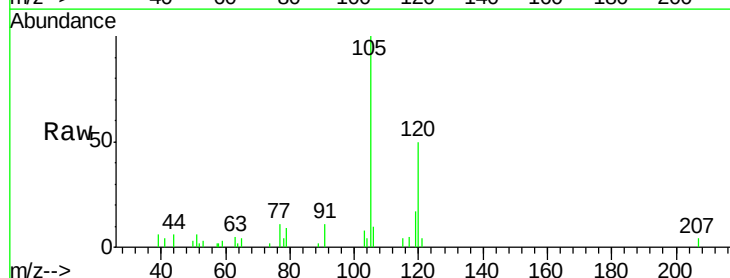
Acq: 17 Aug 2020 23:57

Tgt Ion: 105 Resp: 14247

Ion Ratio Lower Upper

105 100

120 45.2 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062971.D (-3472) (-)

Ion 120.00 (119.70 to 120.70): VN062971.D (-3472) (-)

13.02

10000

8000

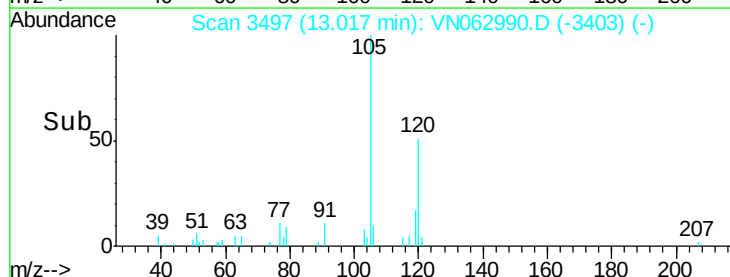
6000

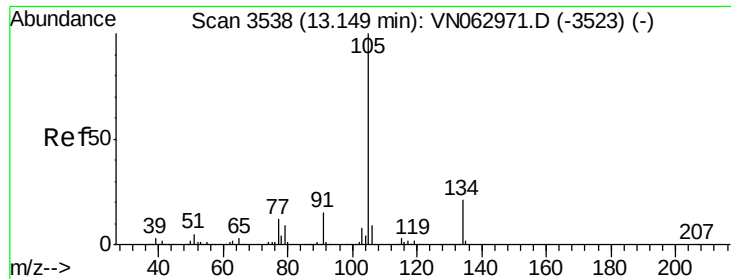
4000

2000

0

Time--> 12.95 13.00 13.05 13.10





#85

sec-Butylbenzene

Concen: 0.846 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062990.D

Acq: 17 Aug 2020 23:57

Instrument :

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ClientSampleId :

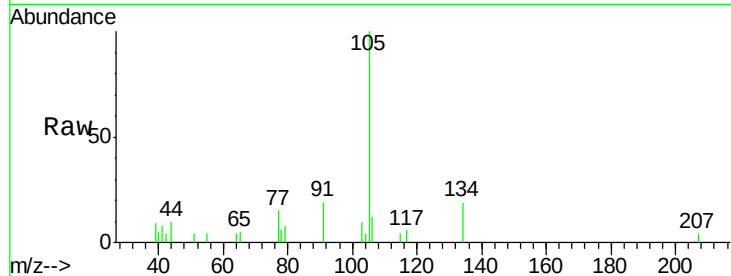
W-1

Tot Ion:105 Resp: 7413

Ion Ratio Lower Upper

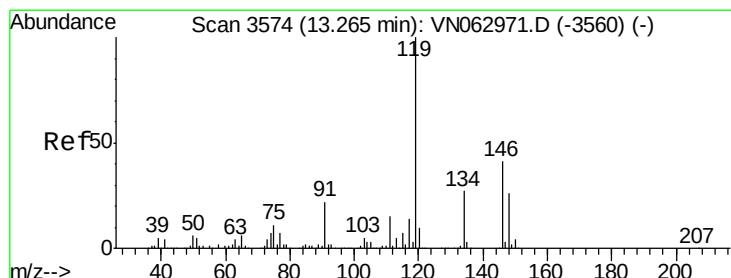
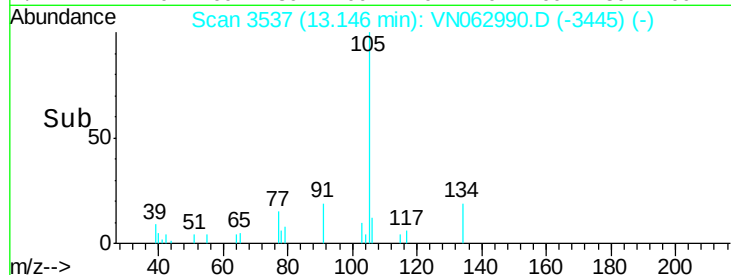
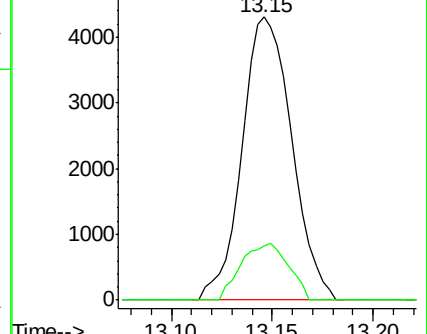
105 100

134 19.2 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.370 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062990.D

Acq: 17 Aug 2020 23:57

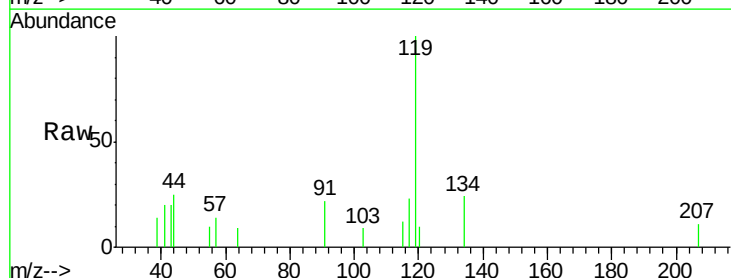
Tgt Ion:119 Resp: 2885

Ion Ratio Lower Upper

119 100

134 20.9 13.6 40.7

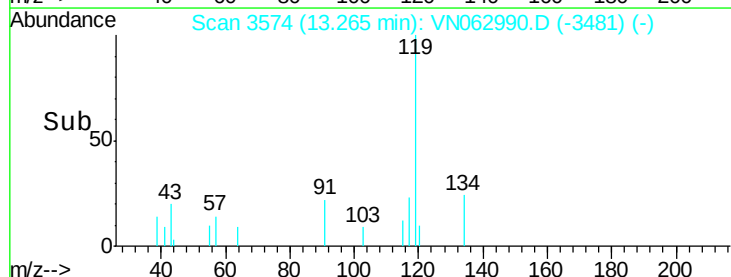
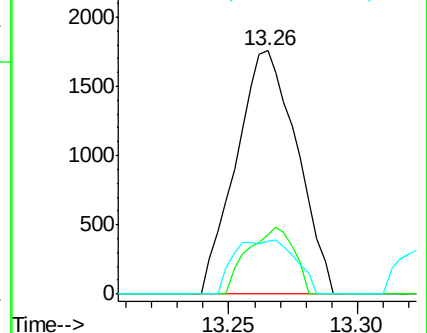
91 22.4 11.1 33.1

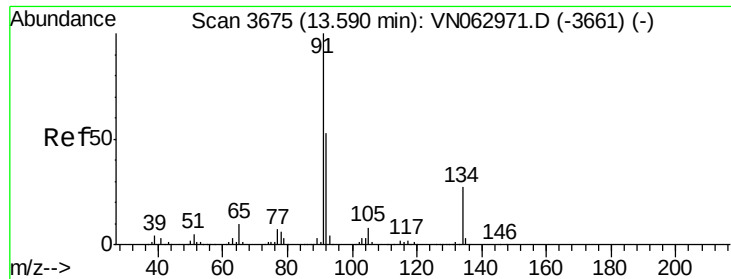


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 0.555 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062990.D

Acq: 17 Aug 2020 23:57

Instrument :

MSVOA_N

ClientSampleId :

W-1

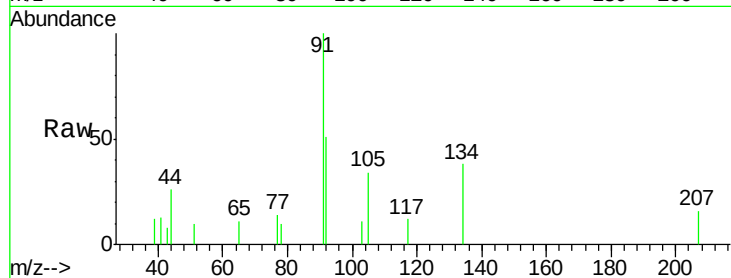
Tot Ion: 91 Resp: 3516

Ion Ratio Lower Upper

91 100

92 43.0 26.3 78.8

134 0.0 13.4 40.2#



Abundance Ion 91.00 (90.70 to 91.70): VN062990.D (-3582) (-)

