

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072091.D
 Acq On : 20 Apr 2022 20:40
 Operator : JC\MD
 Sample : N2480-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-16-1A-3

Quant Time: Apr 21 03:35:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

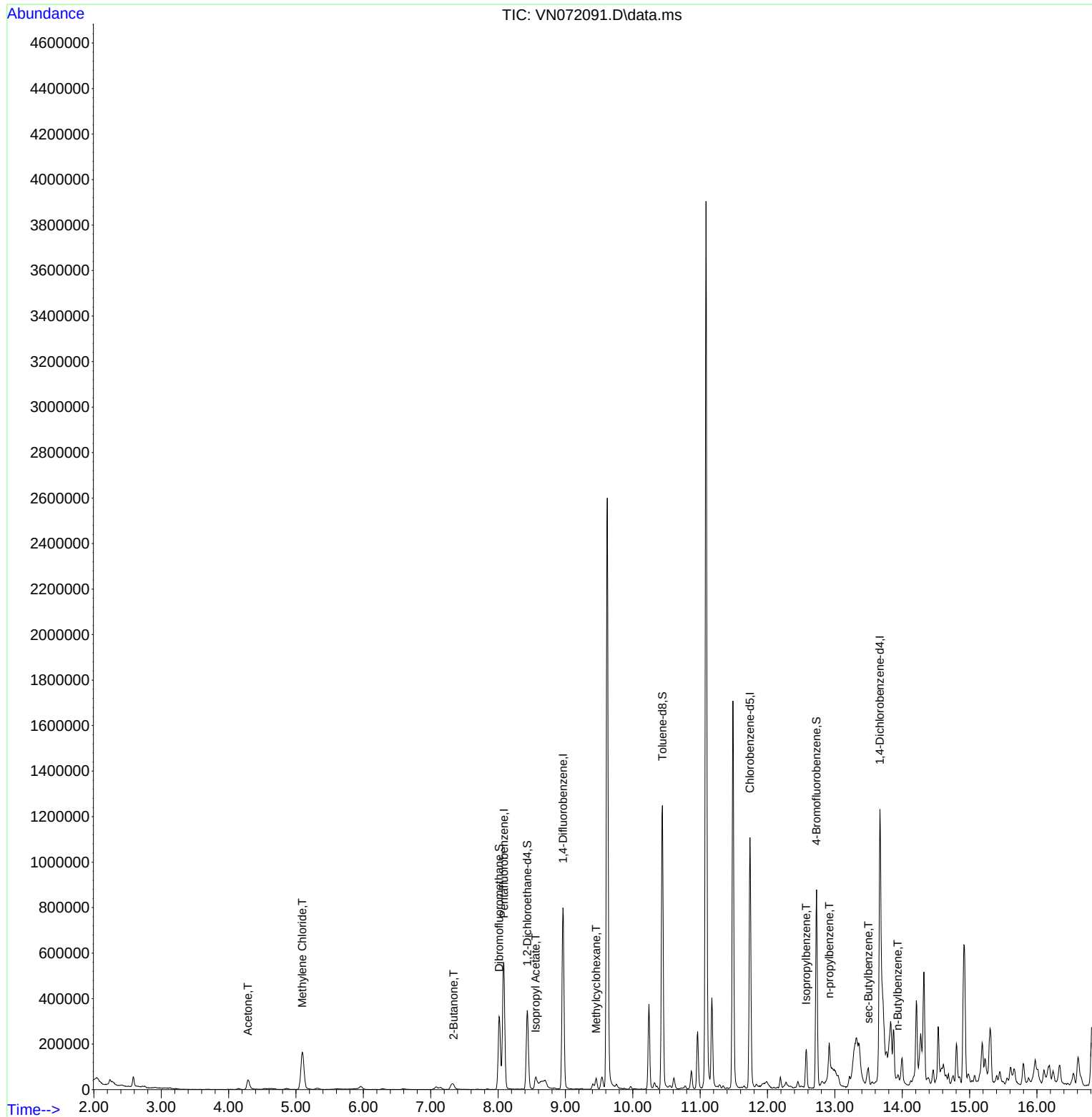
Internal Standards						
1) Pentafluorobenzene	8.086	168	471171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	751062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	680113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	340410	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	285745	53.123	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.240%	
35) Dibromofluoromethane	8.016	113	237792	53.804	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 107.600%	
50) Toluene-d8	10.439	98	918971	50.830	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.660%	
62) 4-Bromofluorobenzene	12.727	95	305646	52.272	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 104.540%	
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	75746	32.951	ug/l	94
20) Methylene Chloride	5.092	84	145738	30.079	ug/l	98
25) 2-Butanone	7.339	43	30200	9.113	ug/l	94
39) Methylcyclohexane	9.457	83	20544	2.796	ug/l	95
43) Isopropyl Acetate	8.557	43	62005	5.518	ug/l #	85
73) Isopropylbenzene	12.574	105	120620	4.205	ug/l	100
78) n-propylbenzene	12.915	91	111064	3.681	ug/l	97
85) sec-Butylbenzene	13.498	105	48324	1.794	ug/l #	72
89) n-Butylbenzene	13.933	91	21126	1.326	ug/l #	81

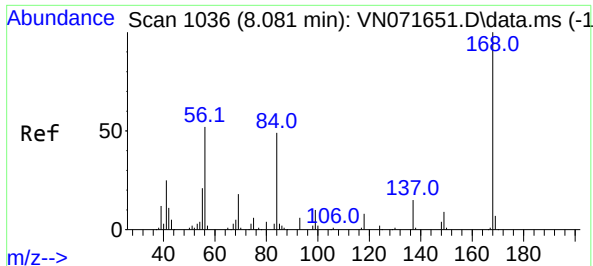
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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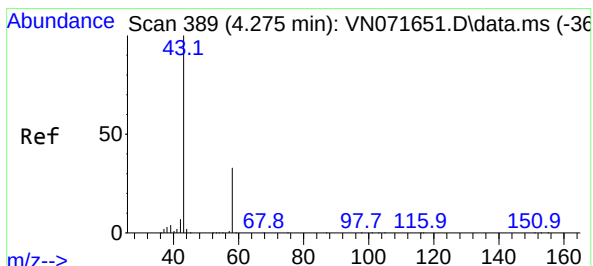
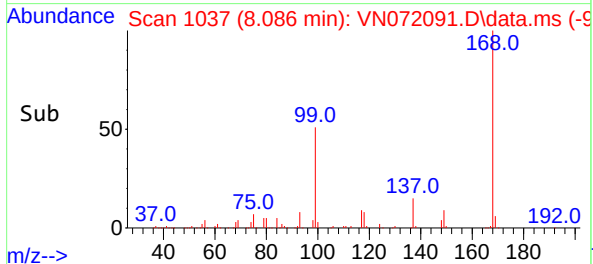
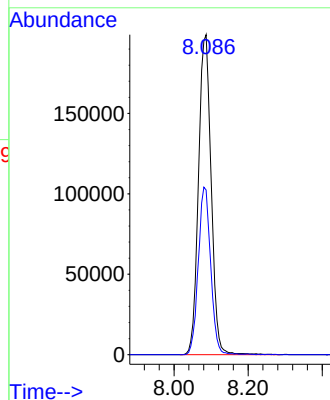
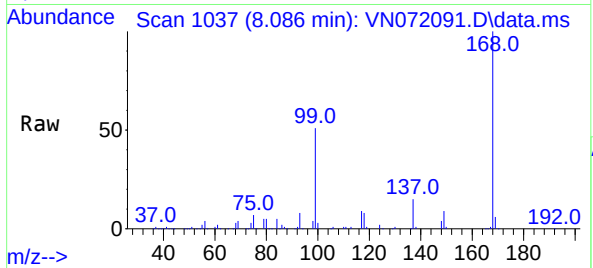




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN072091.D
Acq: 20 Apr 2022 20:40

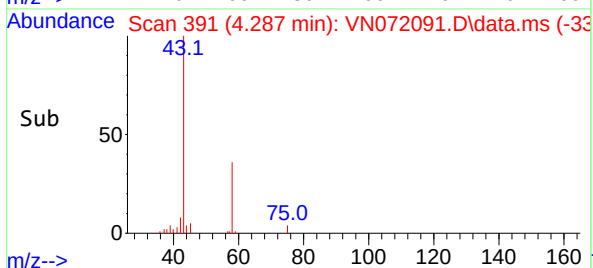
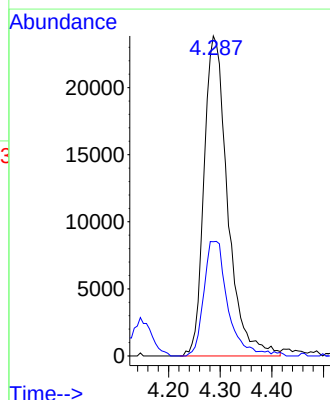
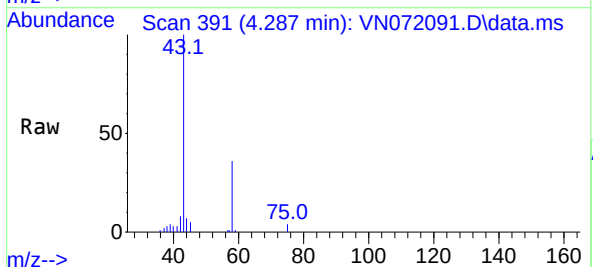
Instrument :
MSVOA_N
ClientSampleId :
WC-16-1A-3

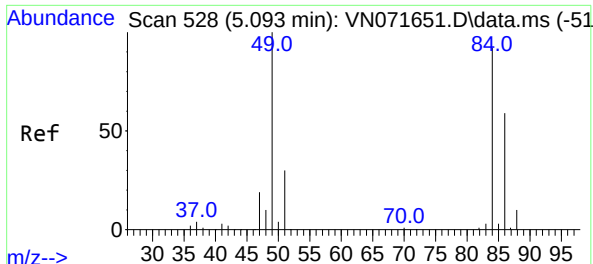
Tgt Ion:168 Resp: 471171
Ion Ratio Lower Upper
168 100
99 51.5 42.3 63.5



#16
Acetone
Concen: 32.951 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072091.D
Acq: 20 Apr 2022 20:40

Tgt Ion: 43 Resp: 75746
Ion Ratio Lower Upper
43 100
58 35.7 26.0 39.0



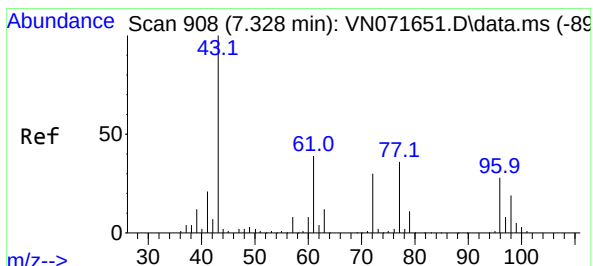
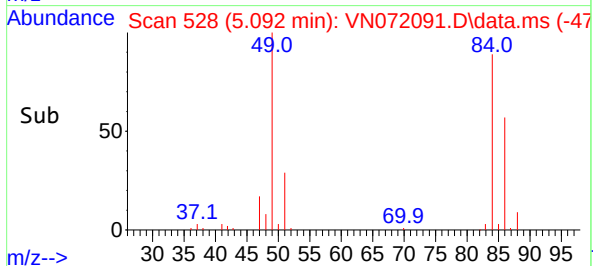
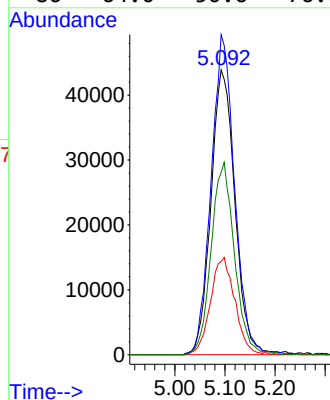
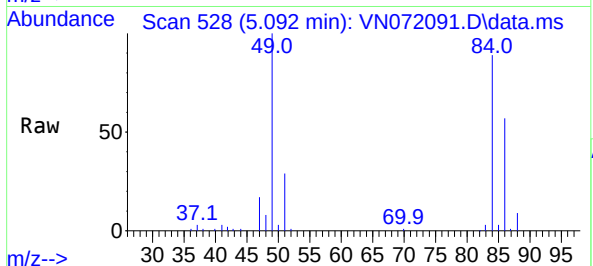


#20
Methylene Chloride
Concen: 30.079 ug/l
RT: 5.092 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN072091.D
Acq: 20 Apr 2022 20:40

Instrument :
MSVOA_N
ClientSampleId :
WC-16-1A-3

Tgt Ion: 84 Resp: 145738

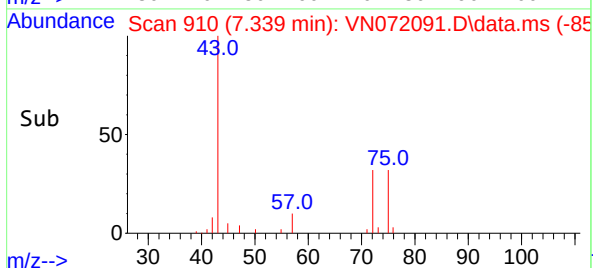
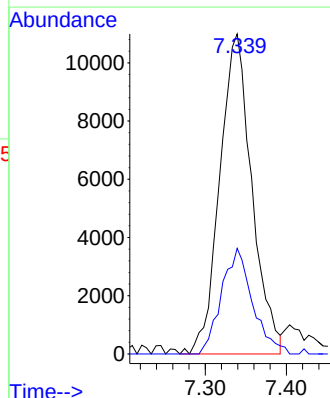
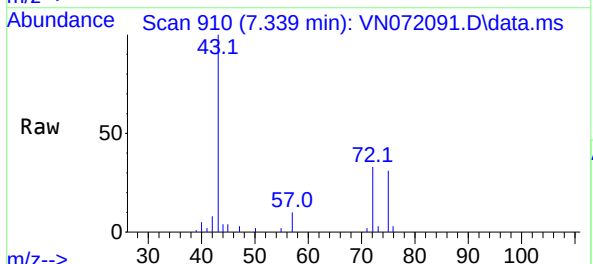
Ion	Ratio	Lower	Upper
84	100		
49	112.4	88.3	132.5
51	32.7	28.2	42.2
86	64.0	50.6	76.0

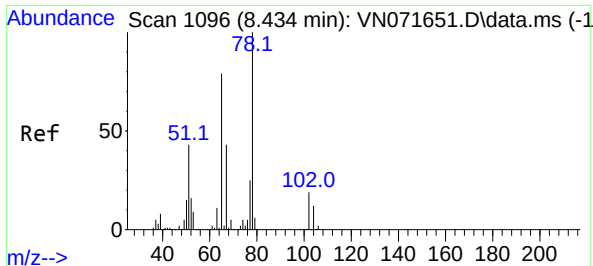


#25
2-Butanone
Concen: 9.113 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.011 min
Lab File: VN072091.D
Acq: 20 Apr 2022 20:40

Tgt Ion: 43 Resp: 30200

Ion	Ratio	Lower	Upper
43	100		
72	33.0	23.7	35.5





#33

1,2-Dichloroethane-d4

Concen: 53.123 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072091.D

Acq: 20 Apr 2022 20:40

Instrument :

MSVOA_N

ClientSampleId :

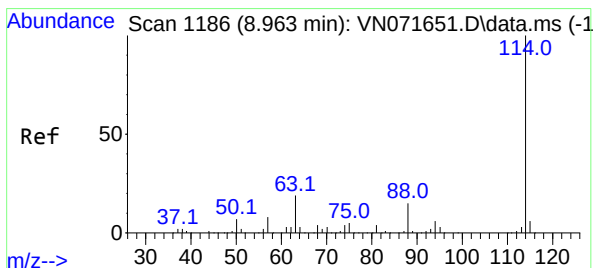
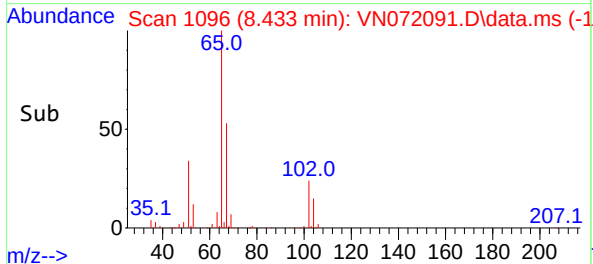
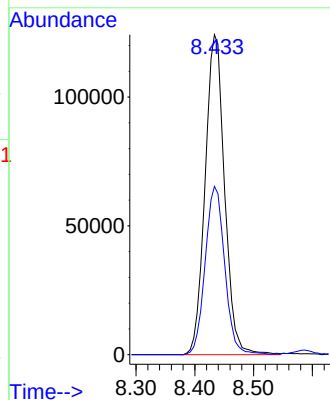
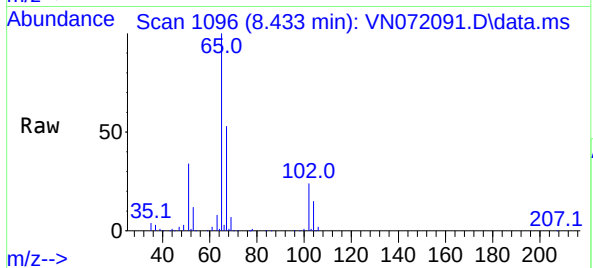
WC-16-1A-3

Tgt Ion: 65 Resp: 285745

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072091.D

Acq: 20 Apr 2022 20:40

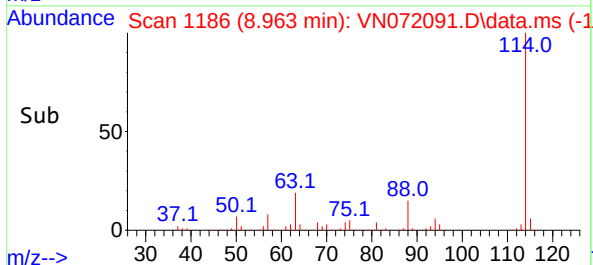
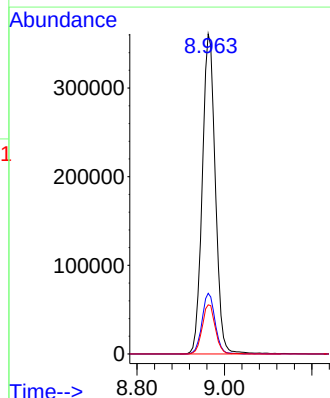
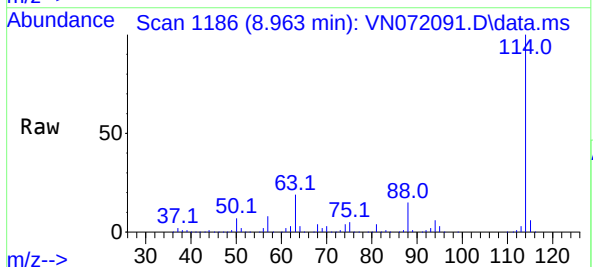
Tgt Ion: 114 Resp: 751062

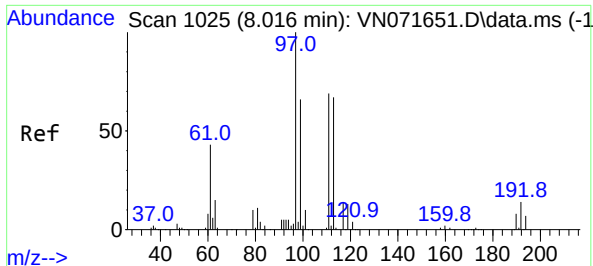
Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 15.3 0.0 32.6

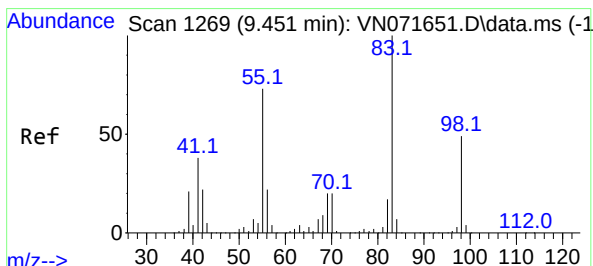
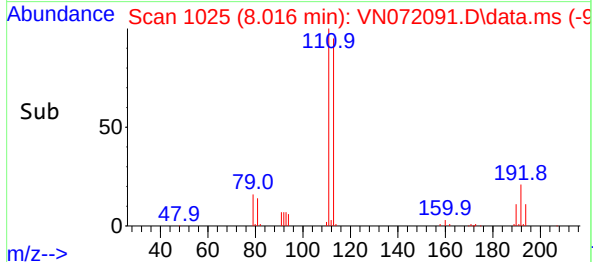
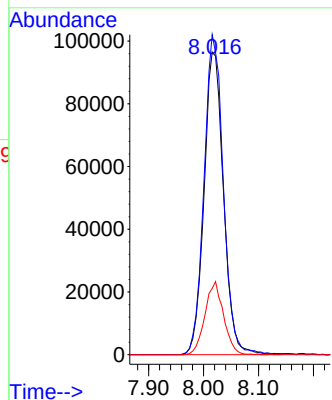
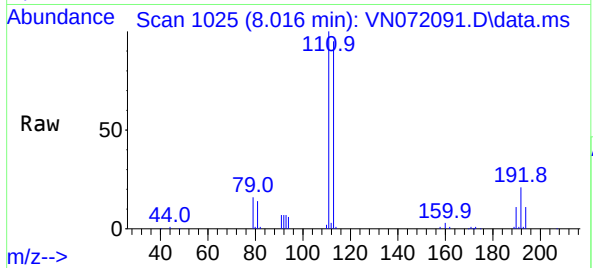




#35
Dibromofluoromethane
Concen: 53.804 ug/l
RT: 8.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072091.D
Acq: 20 Apr 2022 20:40

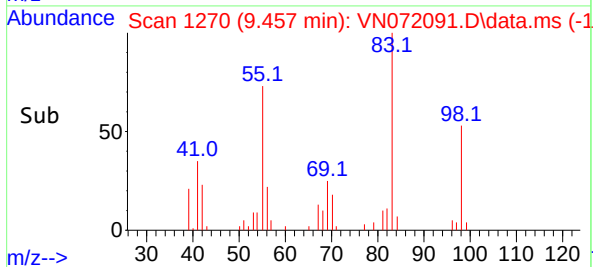
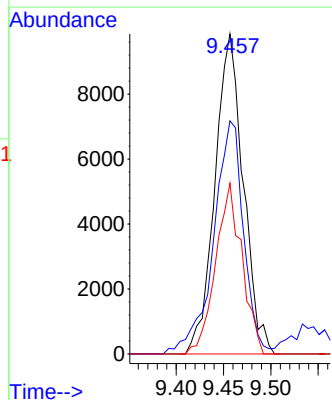
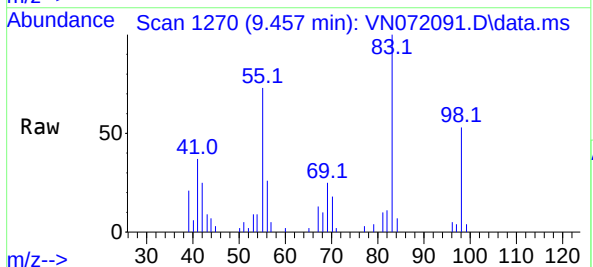
Instrument :
MSVOA_N
ClientSampleId :
WC-16-1A-3

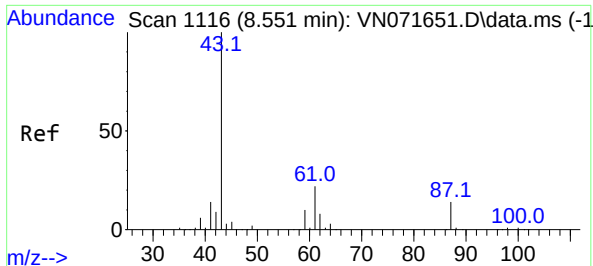
Tgt Ion:113 Resp: 237792
Ion Ratio Lower Upper
113 100
111 105.1 81.4 122.0
192 23.0 17.0 25.6



#39
Methylcyclohexane
Concen: 2.796 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VN072091.D
Acq: 20 Apr 2022 20:40

Tgt Ion: 83 Resp: 20544
Ion Ratio Lower Upper
83 100
55 69.2 57.8 86.8
98 53.3 39.4 59.2

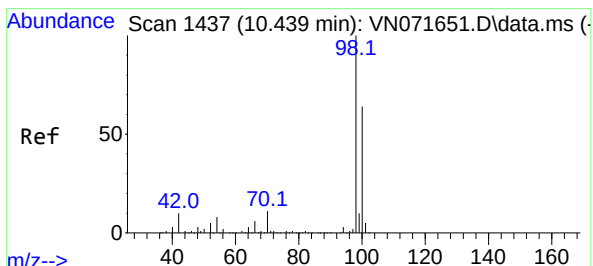
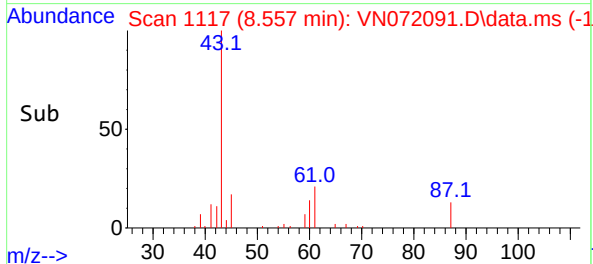
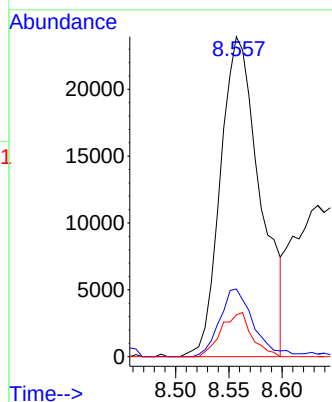
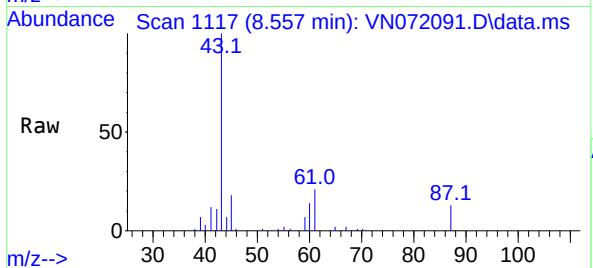




#43
Isopropyl Acetate
Concen: 5.518 ug/l
RT: 8.557 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN072091.D
Acq: 20 Apr 2022 20:40

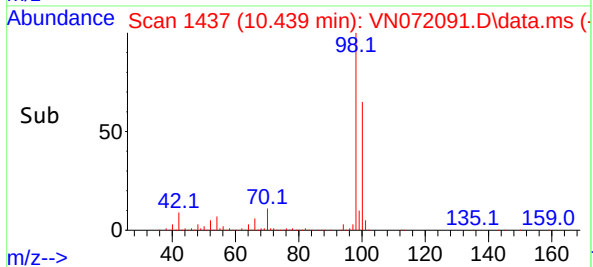
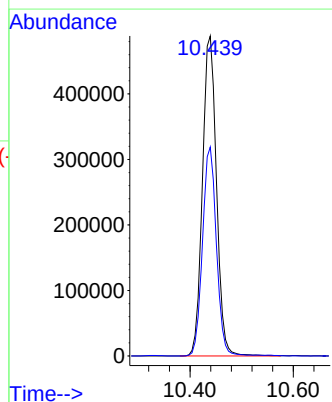
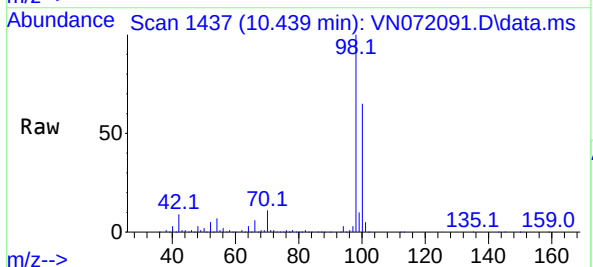
Instrument :
MSVOA_N
ClientSampleId :
WC-16-1A-3

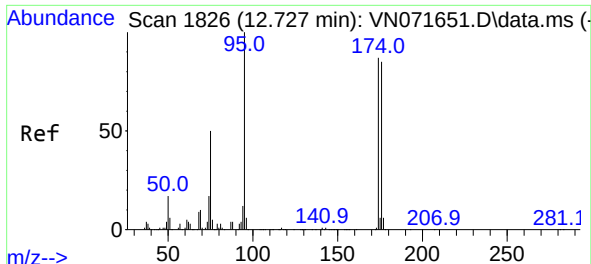
Tgt Ion: 43 Resp: 62005
Ion Ratio Lower Upper
43 100
61 18.1 21.9 32.9#
87 10.6 12.0 18.0#



#50
Toluene-d8
Concen: 50.830 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072091.D
Acq: 20 Apr 2022 20:40

Tgt Ion: 98 Resp: 918971
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

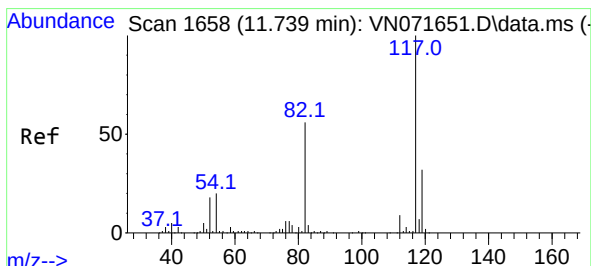
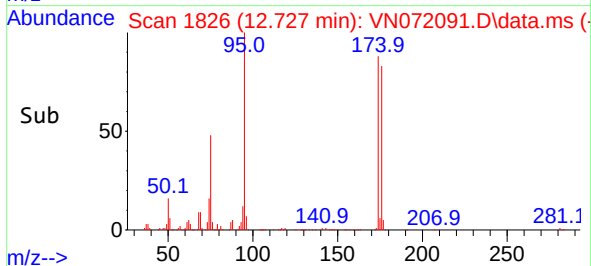
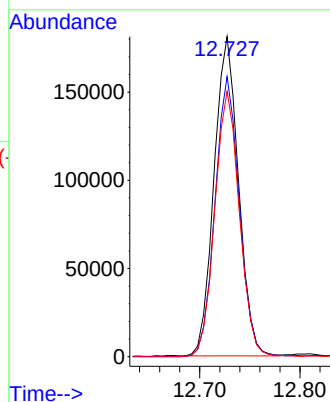
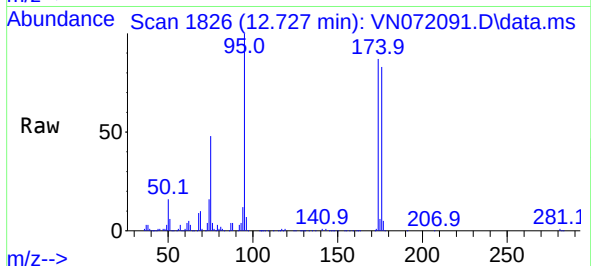




#62
4-Bromofluorobenzene
Concen: 52.272 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072091.D
Acq: 20 Apr 2022 20:40

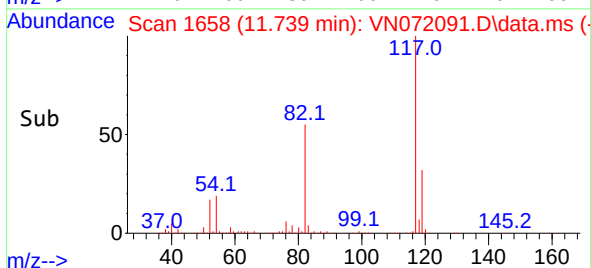
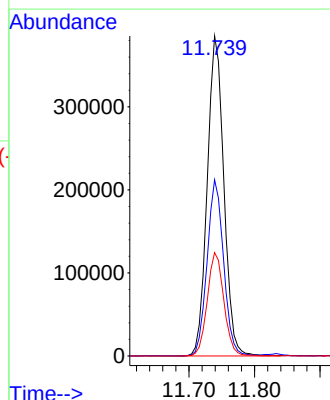
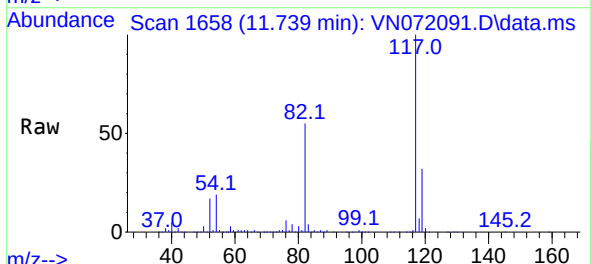
Instrument :
MSVOA_N
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WC-16-1A-3

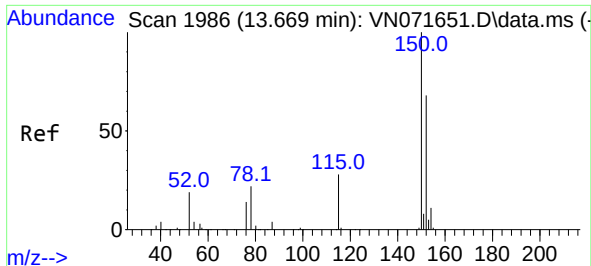
Tgt Ion: 95 Resp: 305646
Ion Ratio Lower Upper
95 100
174 87.4 0.0 167.6
176 83.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072091.D
Acq: 20 Apr 2022 20:40

Tgt Ion: 117 Resp: 680113
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 32.3 25.4 38.0

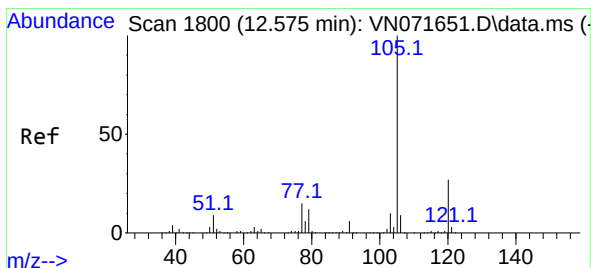
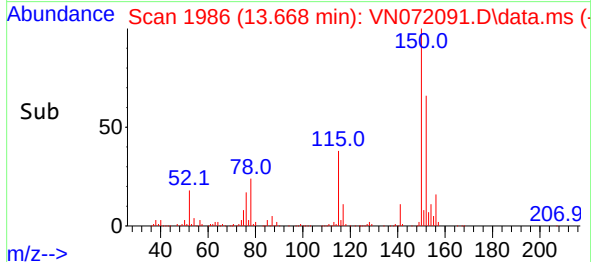
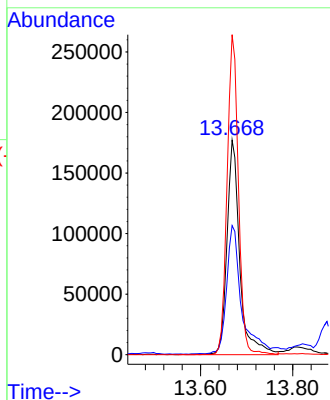
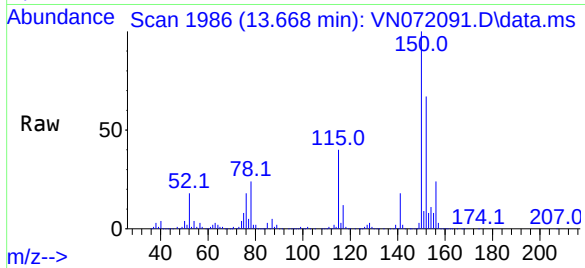




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072091.D
Acq: 20 Apr 2022 20:40

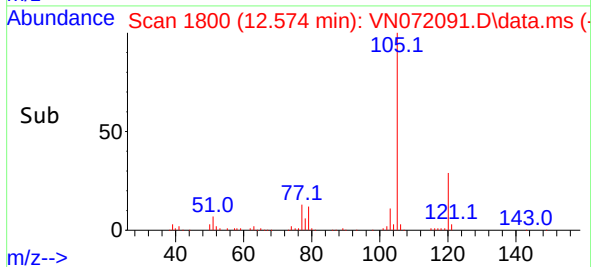
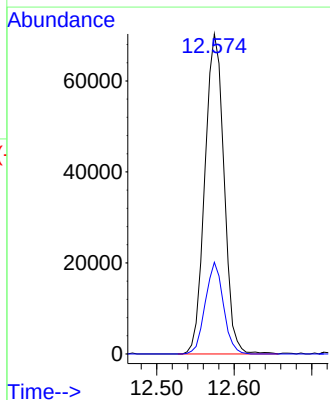
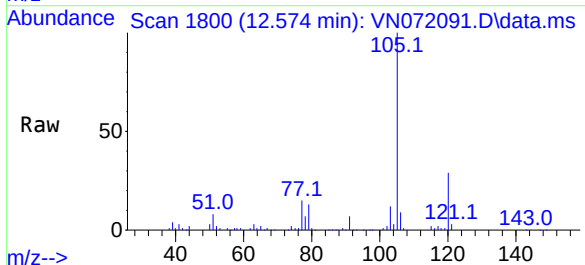
Instrument :
MSVOA_N
ClientSampleId :
WC-16-1A-3

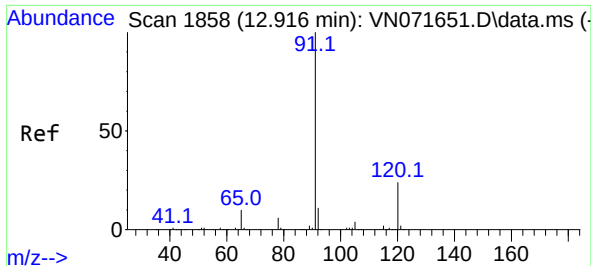
Tgt Ion:152 Resp: 340410
Ion Ratio Lower Upper
152 100
115 70.8 28.9 86.7
150 131.3 0.0 356.2



#73
Isopropylbenzene
Concen: 4.205 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072091.D
Acq: 20 Apr 2022 20:40

Tgt Ion:105 Resp: 120620
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4

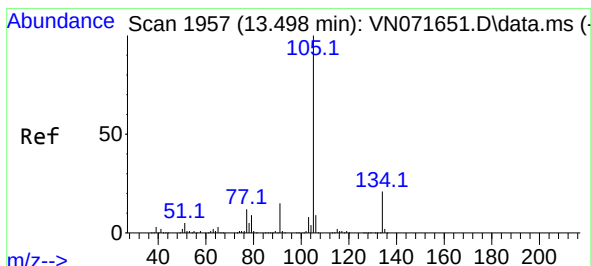
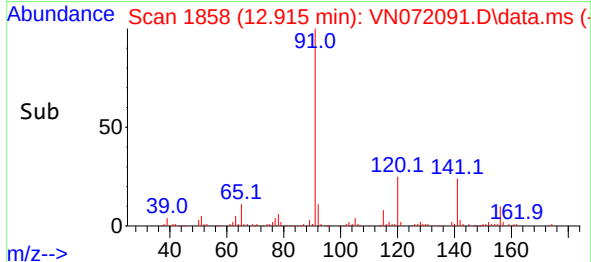
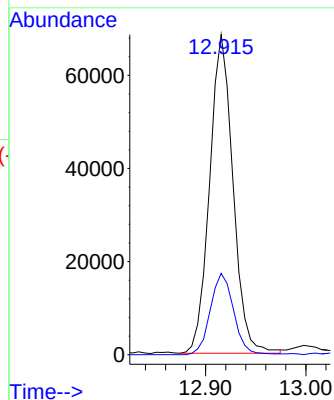
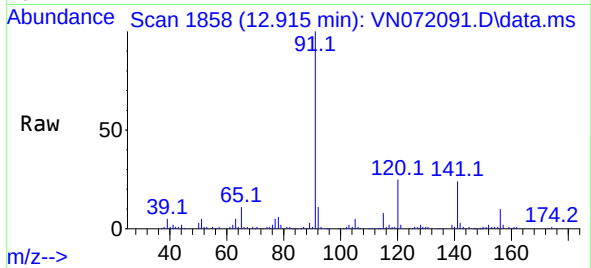




#78
n-propylbenzene
Concen: 3.681 ug/l
RT: 12.915 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072091.D
Acq: 20 Apr 2022 20:40

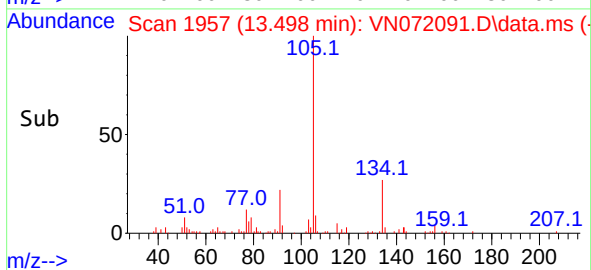
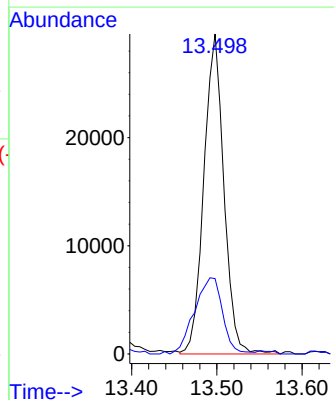
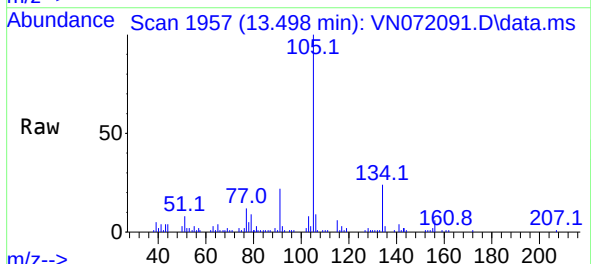
Instrument :
MSVOA_N
ClientSampleId :
WC-16-1A-3

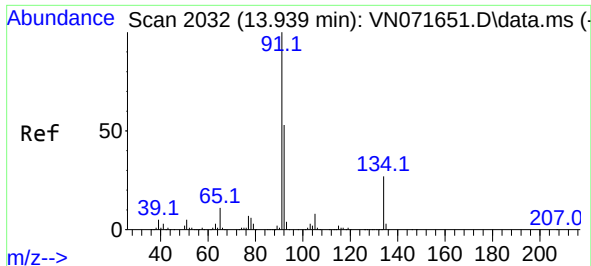
Tgt Ion: 91 Resp: 111064
Ion Ratio Lower Upper
91 100
120 25.4 11.9 35.5



#85
sec-Butylbenzene
Concen: 1.794 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN072091.D
Acq: 20 Apr 2022 20:40

Tgt Ion: 105 Resp: 48324
Ion Ratio Lower Upper
105 100
134 33.5 10.4 31.1#





#89

n-Butylbenzene

Concen: 1.326 ug/l

RT: 13.933 min Scan# 20

Delta R.T. -0.006 min

Lab File: VN072091.D

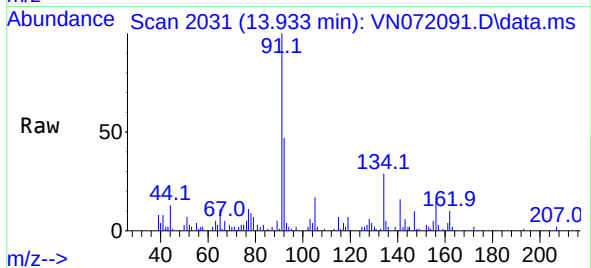
Acq: 20 Apr 2022 20:40

Instrument :

MSVOA_N

ClientSampleId :

WC-16-1A-3



Tgt Ion: 91 Resp: 21126

Ion Ratio Lower Upper

91 100

92 50.2 26.9 80.7

134 52.0 13.6 40.8#

