

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072075.D
 Acq On : 20 Apr 2022 13:52
 Operator : JC\MD
 Sample : N2468-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-15-1-6

Quant Time: Apr 21 03:28:28 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)

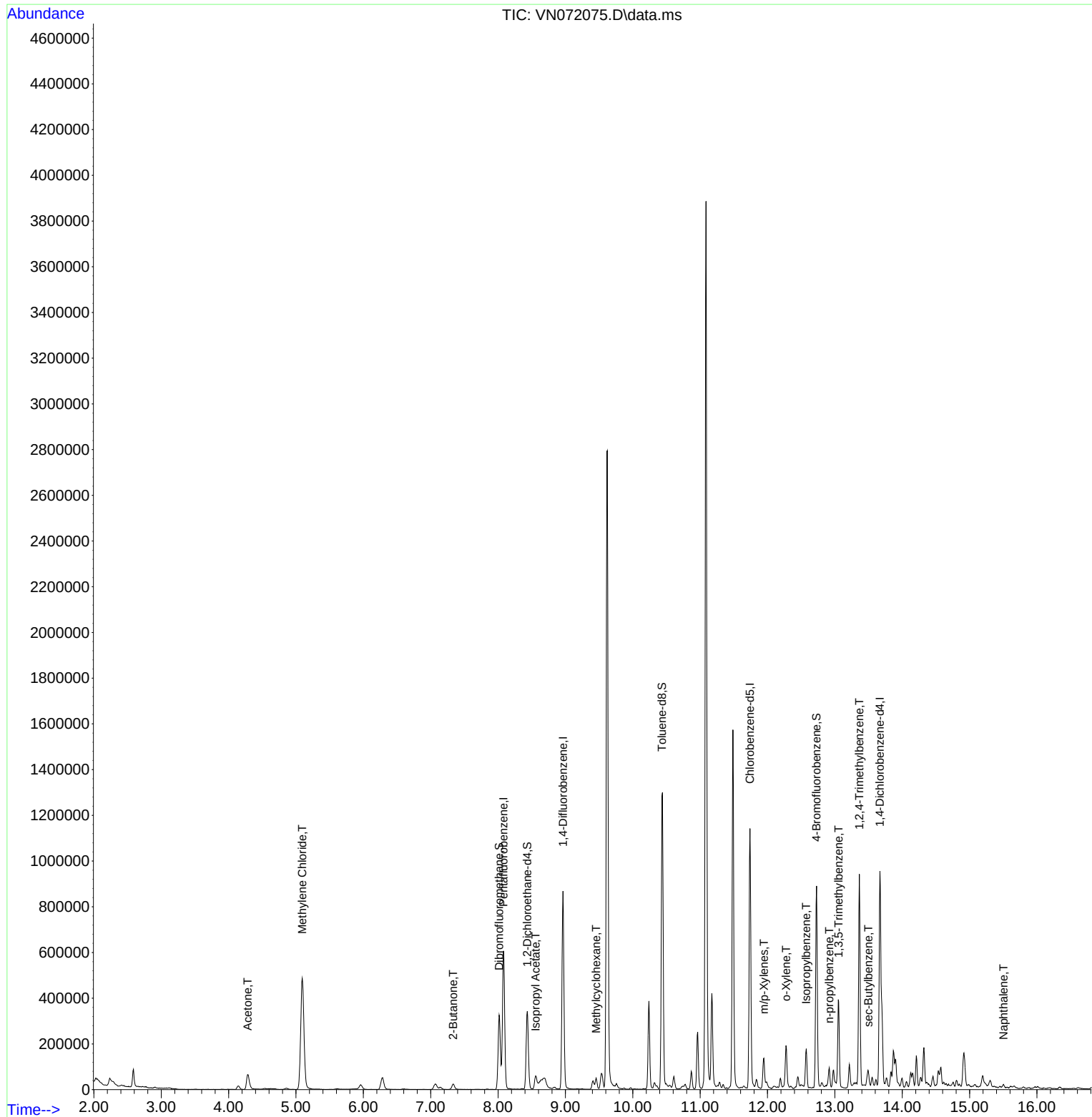
Internal Standards						
1) Pentafluorobenzene	8.080	168	496368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	790871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	710839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	279163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	283269	49.989	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.980%
35) Dibromofluoromethane	8.016	113	242141	52.031	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.060%
50) Toluene-d8	10.433	98	970030	50.953	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.900%
62) 4-Bromofluorobenzene	12.727	95	318018	51.651	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.300%
Target Compounds						
					Qvalue	
16) Acetone	4.281	43	121181	50.039	ug/l	93
20) Methylene Chloride	5.092	84	445122	87.204	ug/l	97
25) 2-Butanone	7.333	43	42084	12.054	ug/l	93
39) Methylcyclohexane	9.457	83	19148	2.475	ug/l	95
43) Isopropyl Acetate	8.557	43	62250	5.261	ug/l #	87
68) m/p-Xylenes	11.945	106	45037	4.865	ug/l	97
69) o-Xylene	12.274	106	54530	5.934	ug/l	100
73) Isopropylbenzene	12.574	105	117458	4.993	ug/l	100
78) n-propylbenzene	12.915	91	68578	2.771	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	216616	11.622	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	528599	29.067	ug/l	99
85) sec-Butylbenzene	13.498	105	35605	1.612	ug/l #	75
95) Naphthalene	15.504	128	13349	4.773	ug/l #	91

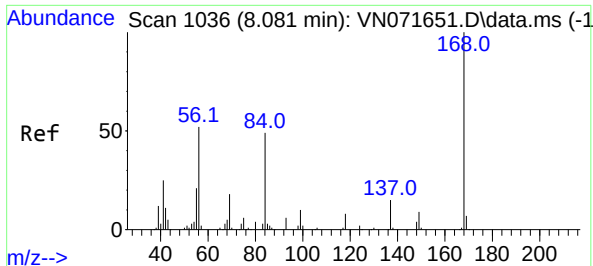
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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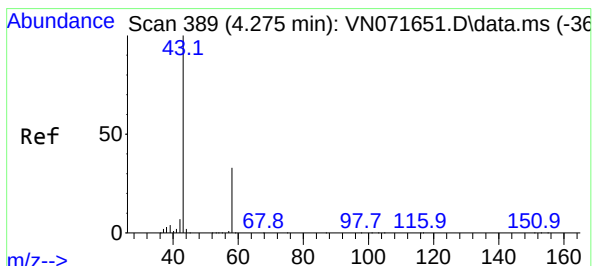
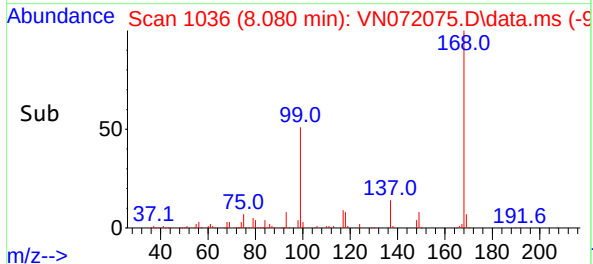
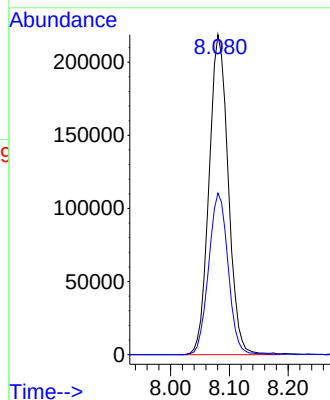
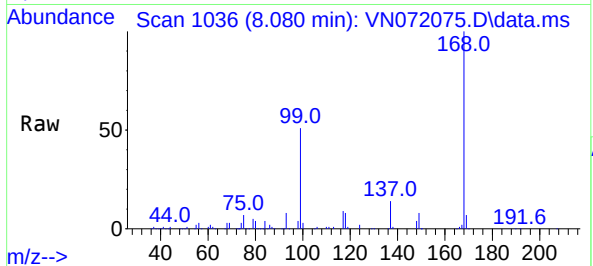




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN072075.D
Acq: 20 Apr 2022 13:52

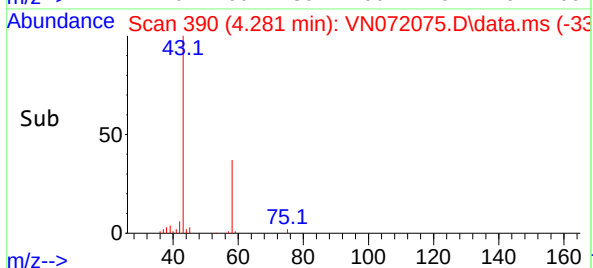
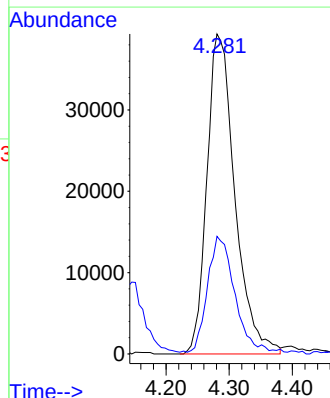
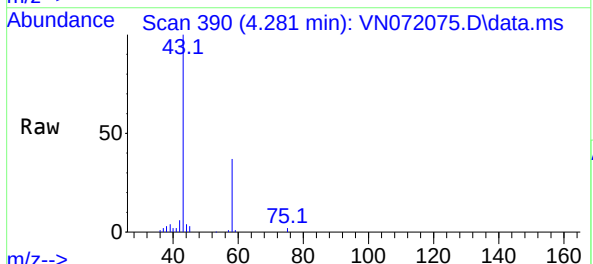
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-6

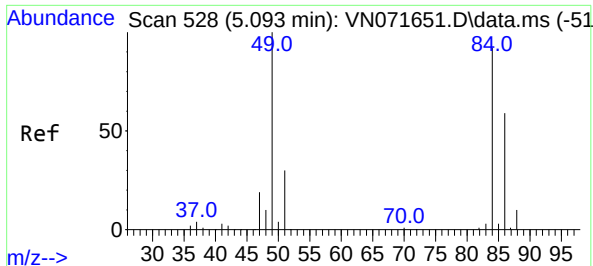
Tgt Ion:168 Resp: 496368
Ion Ratio Lower Upper
168 100
99 50.5 42.3 63.5



#16
Acetone
Concen: 50.039 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN072075.D
Acq: 20 Apr 2022 13:52

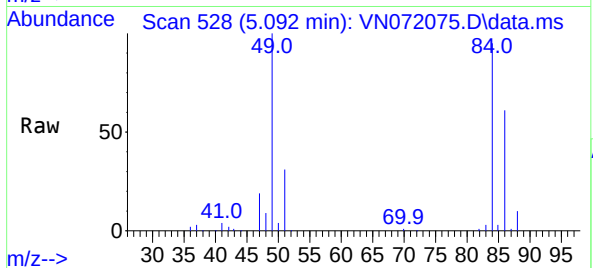
Tgt Ion: 43 Resp: 121181
Ion Ratio Lower Upper
43 100
58 36.2 26.0 39.0





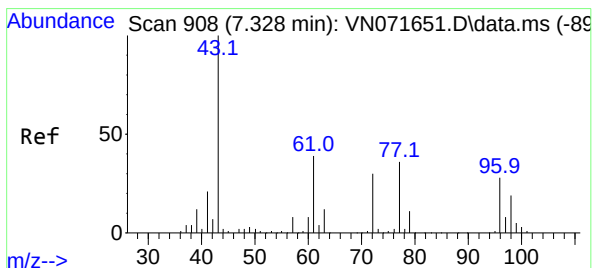
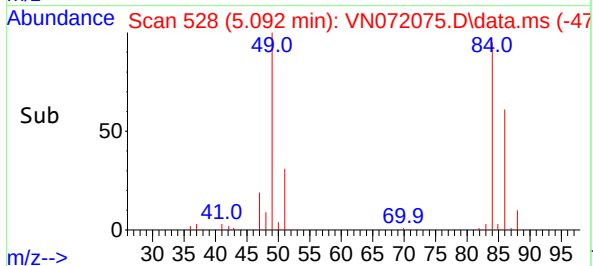
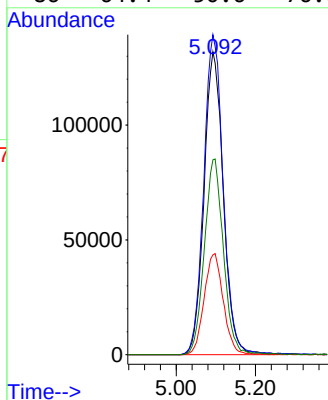
#20
Methylene Chloride
Concen: 87.204 ug/l
RT: 5.092 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN072075.D
Acq: 20 Apr 2022 13:52

Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-6



Tgt Ion: 84 Resp: 445122

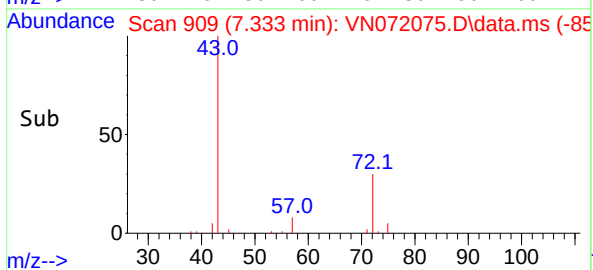
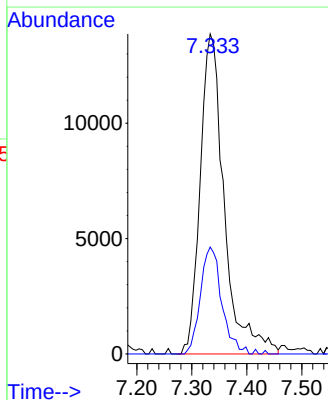
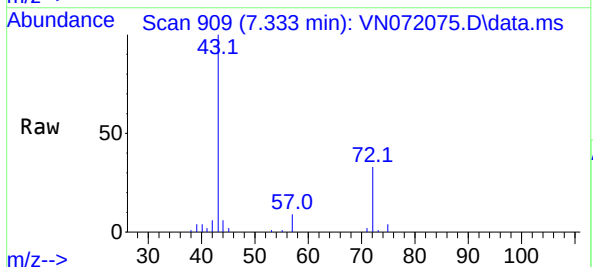
Ion	Ratio	Lower	Upper
84	100		
49	105.6	88.3	132.5
51	33.0	28.2	42.2
86	64.4	50.6	76.0

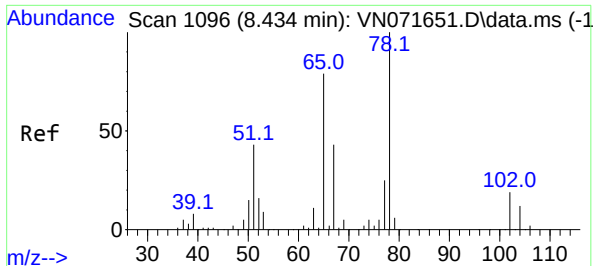


#25
2-Butanone
Concen: 12.054 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.005 min
Lab File: VN072075.D
Acq: 20 Apr 2022 13:52

Tgt Ion: 43 Resp: 42084

Ion	Ratio	Lower	Upper
43	100		
72	33.4	23.7	35.5





#33

1,2-Dichloroethane-d4

Concen: 49.989 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072075.D

Acq: 20 Apr 2022 13:52

Instrument :

MSVOA_N

ClientSampleId :

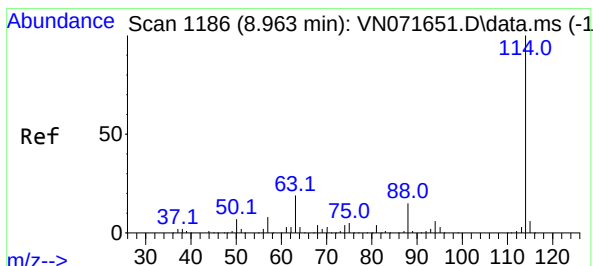
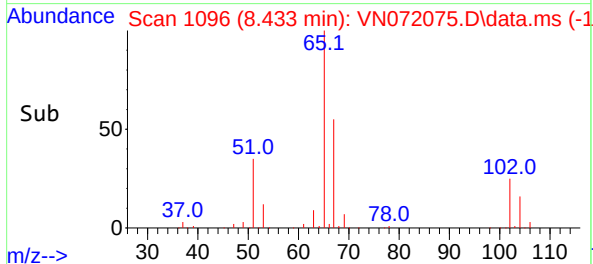
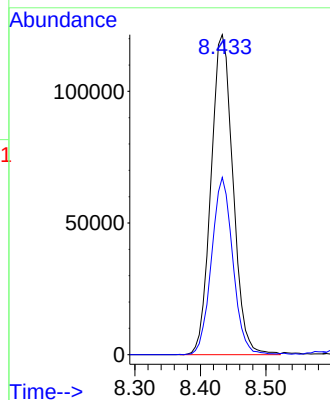
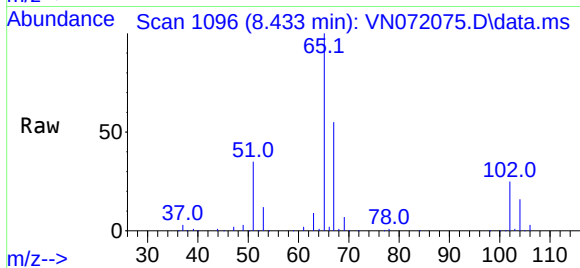
WC-15-1-6

Tgt Ion: 65 Resp: 283269

Ion Ratio Lower Upper

65 100

67 53.6 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: VN072075.D

Acq: 20 Apr 2022 13:52

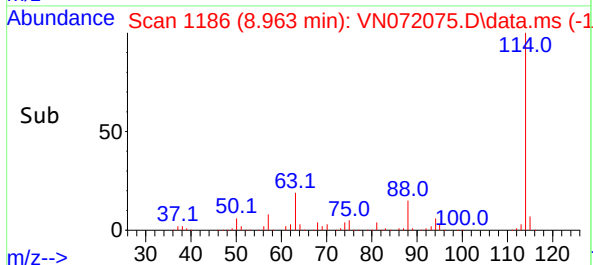
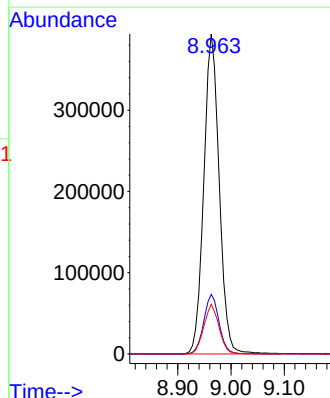
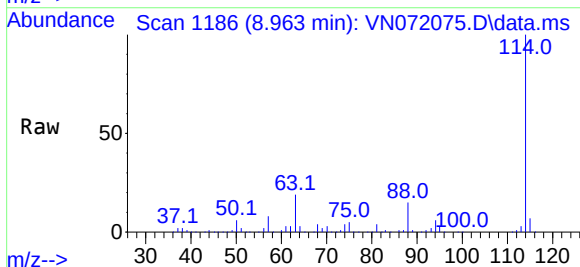
Tgt Ion: 114 Resp: 790871

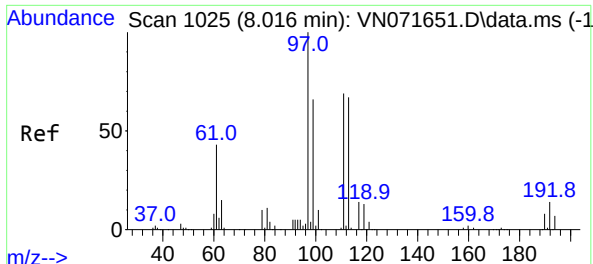
Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

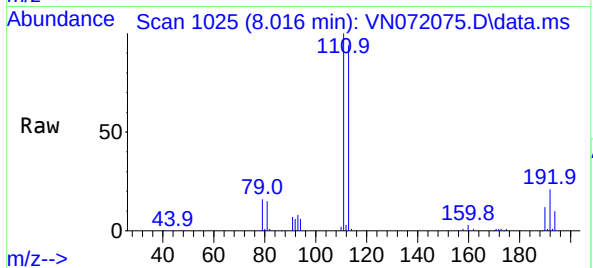
88 15.5 0.0 32.6



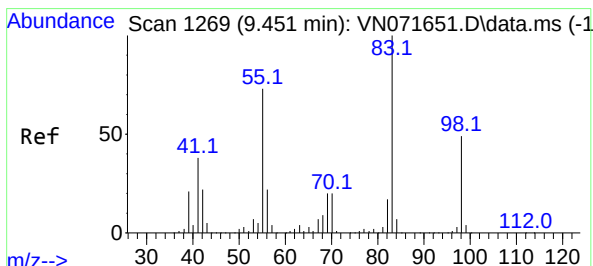
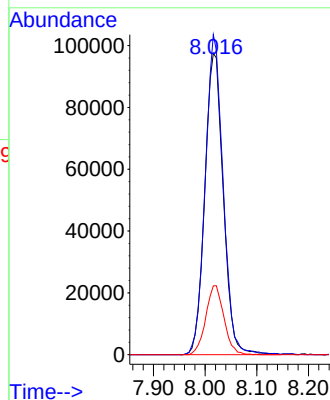
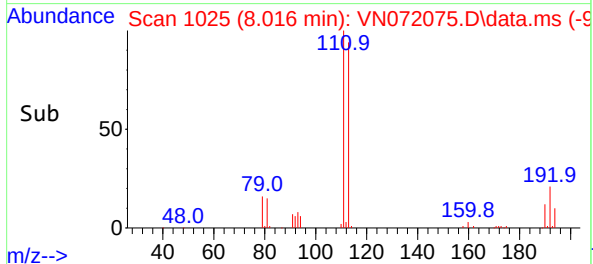


#35
Dibromofluoromethane
Concen: 52.031 ug/l
RT: 8.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072075.D
Acq: 20 Apr 2022 13:52

Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-6

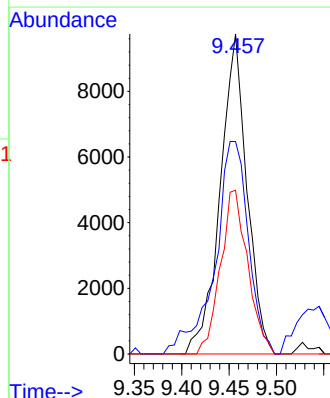
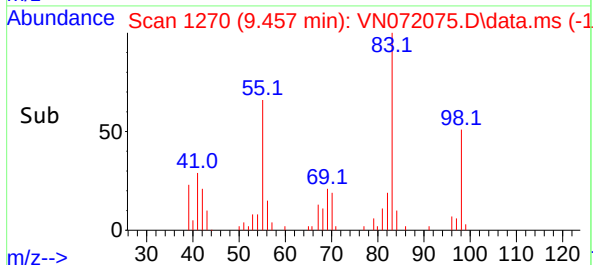
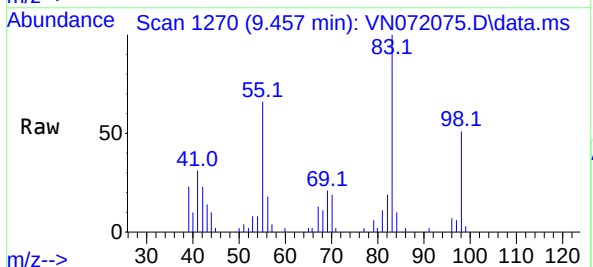


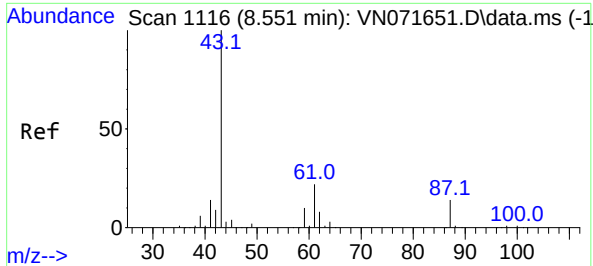
Tgt Ion:113 Resp: 242141
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 22.5 17.0 25.6



#39
Methylcyclohexane
Concen: 2.475 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VN072075.D
Acq: 20 Apr 2022 13:52

Tgt Ion: 83 Resp: 19148
Ion Ratio Lower Upper
83 100
55 66.4 57.8 86.8
98 51.1 39.4 59.2





#43

Isopropyl Acetate

Concen: 5.261 ug/l

RT: 8.557 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VN072075.D

Acq: 20 Apr 2022 13:52

Instrument :

MSVOA_N

ClientSampleId :

WC-15-1-6

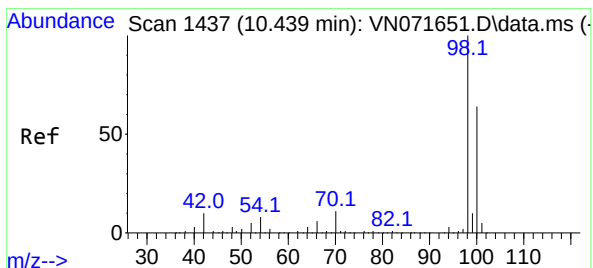
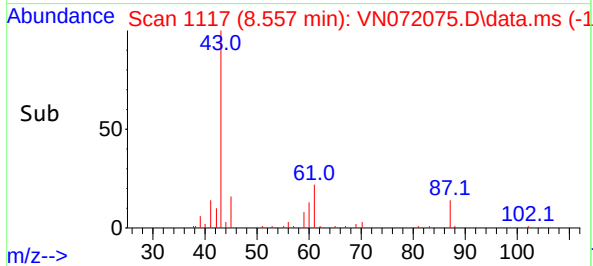
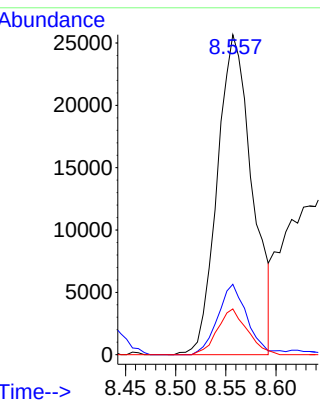
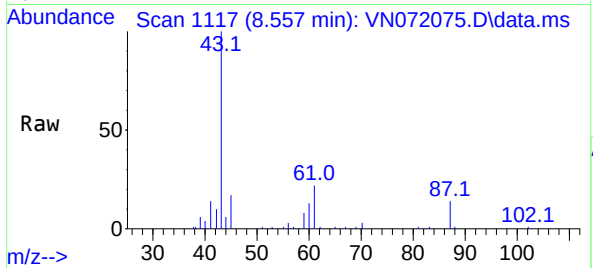
Tgt Ion: 43 Resp: 62250

Ion Ratio Lower Upper

43 100

61 18.7 21.9 32.9#

87 12.2 12.0 18.0



#50

Toluene-d8

Concen: 50.953 ug/l

RT: 10.433 min Scan# 1436

Delta R.T. -0.006 min

Lab File: VN072075.D

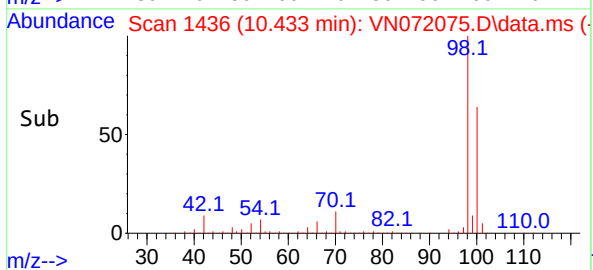
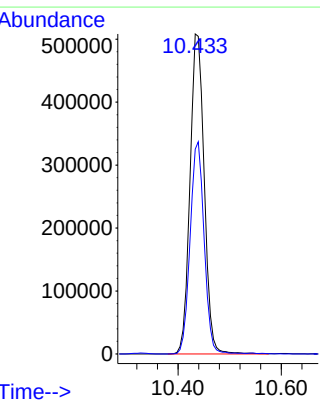
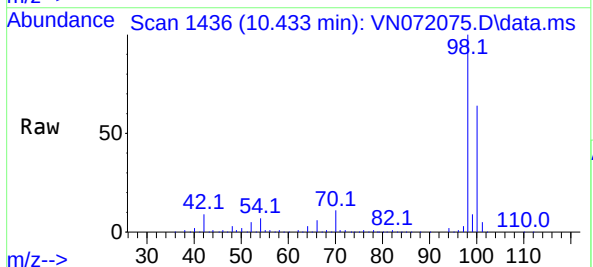
Acq: 20 Apr 2022 13:52

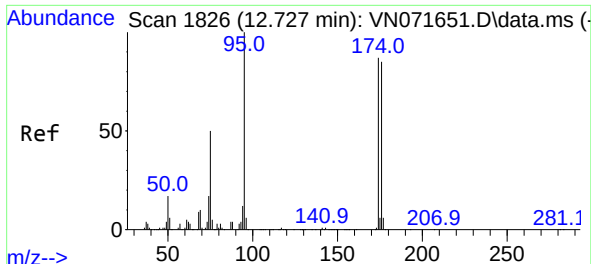
Tgt Ion: 98 Resp: 970030

Ion Ratio Lower Upper

98 100

100 65.4 52.6 78.8

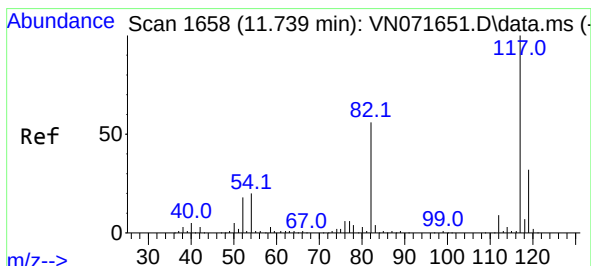
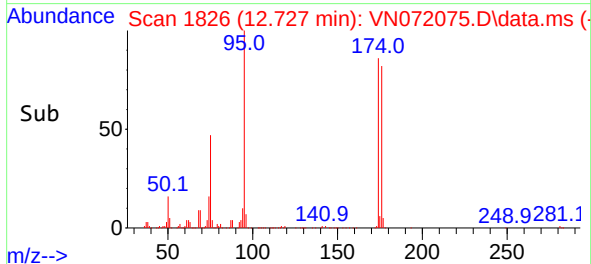
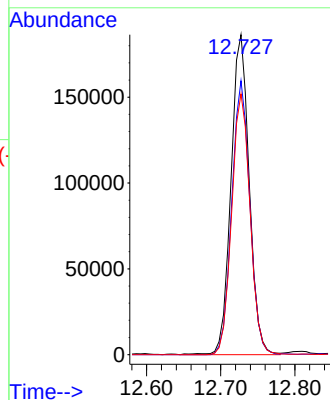
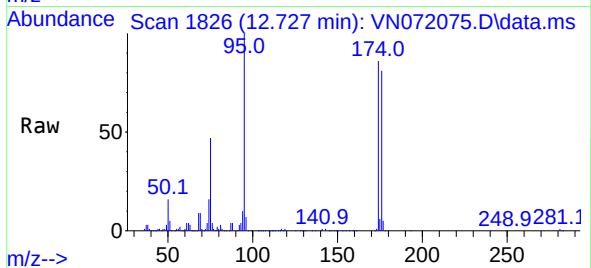




#62
4-Bromofluorobenzene
Concen: 51.651 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072075.D
Acq: 20 Apr 2022 13:52

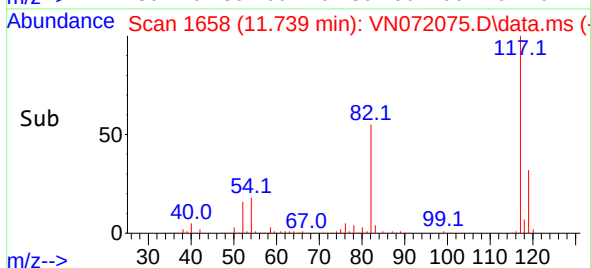
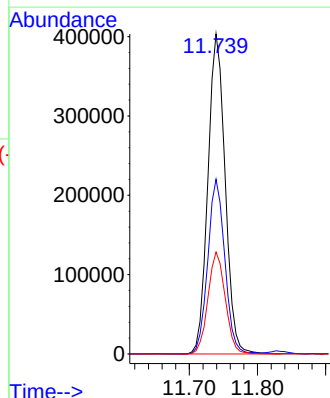
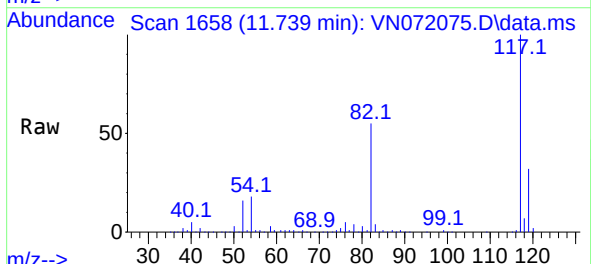
Instrument :
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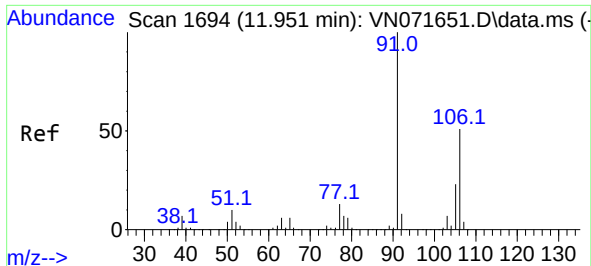
Tgt Ion: 95 Resp: 318018
Ion Ratio Lower Upper
95 100
174 85.0 0.0 167.6
176 82.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072075.D
Acq: 20 Apr 2022 13:52

Tgt Ion: 117 Resp: 710839
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 31.9 25.4 38.0

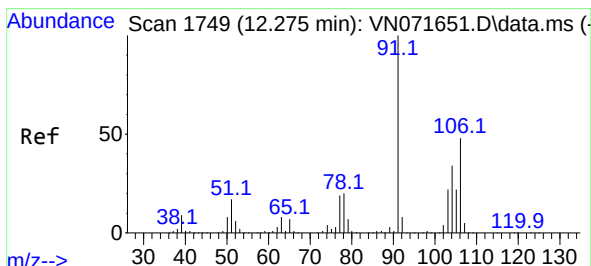
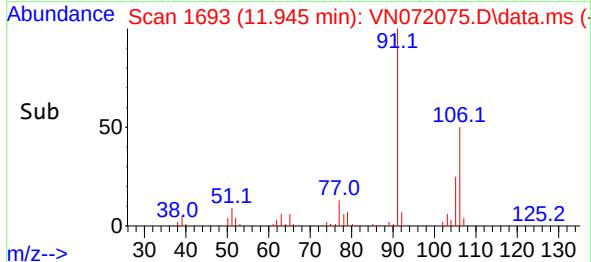
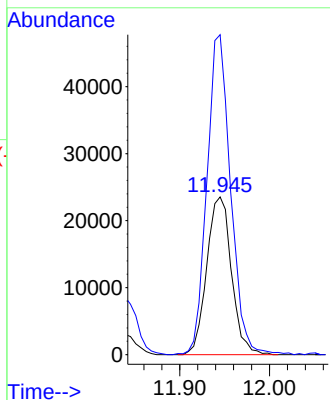
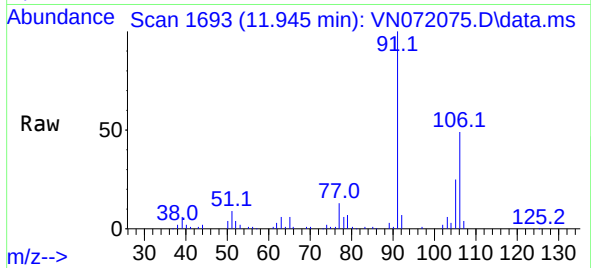




#68
m/p-Xylenes
Concen: 4.865 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072075.D
Acq: 20 Apr 2022 13:52

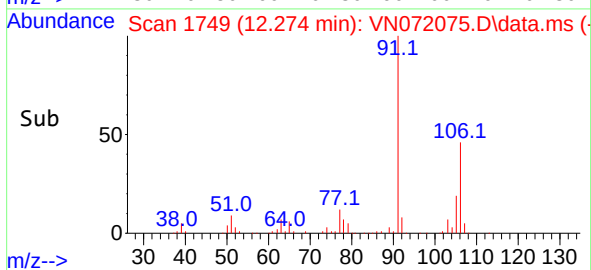
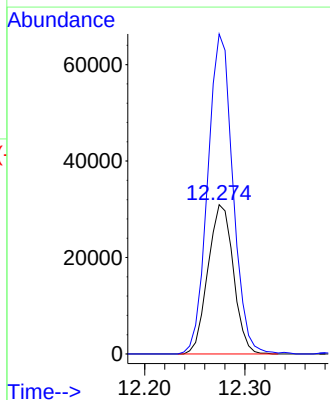
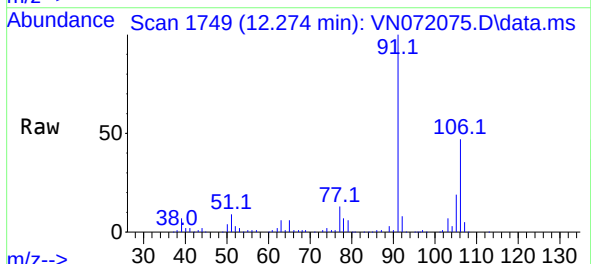
Instrument :
MSVOA_N
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WC-15-1-6

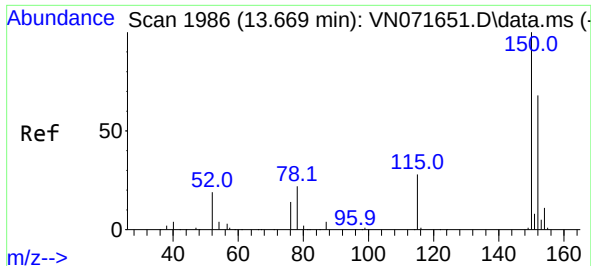
Tgt Ion:106 Resp: 45037
Ion Ratio Lower Upper
106 100
91 194.4 158.9 238.3



#69
o-Xylene
Concen: 5.934 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072075.D
Acq: 20 Apr 2022 13:52

Tgt Ion:106 Resp: 54530
Ion Ratio Lower Upper
106 100
91 212.5 106.0 318.0

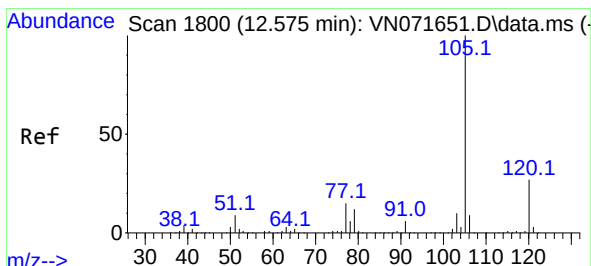
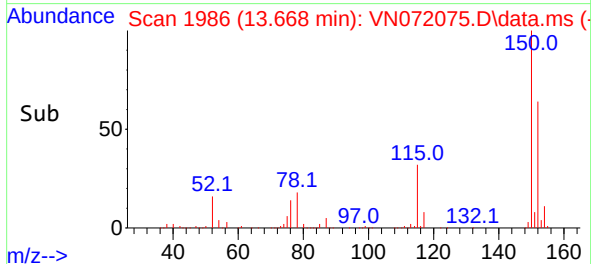
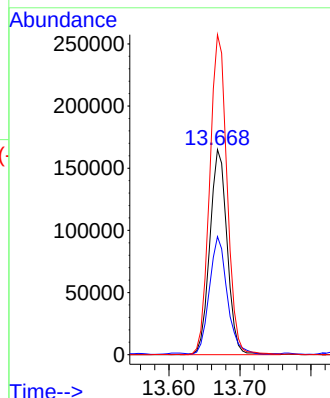
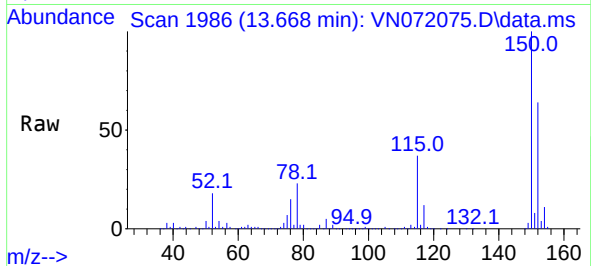




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072075.D
Acq: 20 Apr 2022 13:52

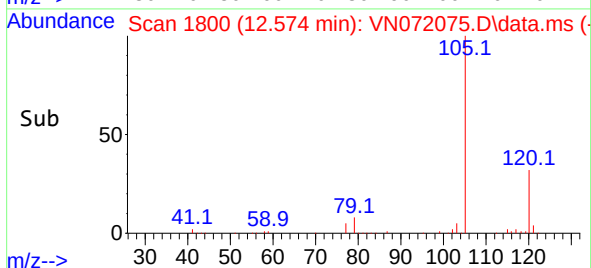
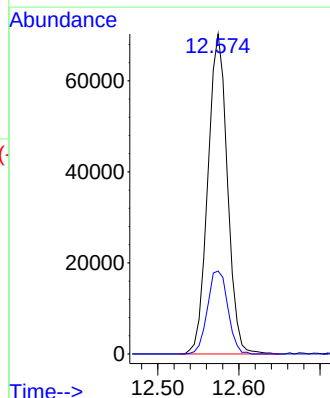
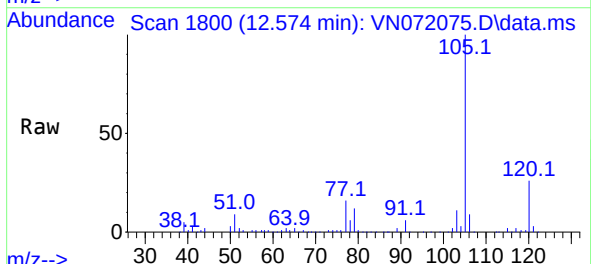
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-6

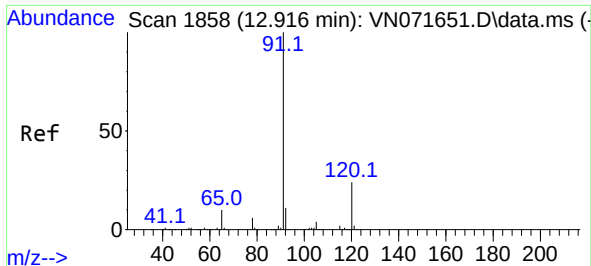
Tgt Ion:152 Resp: 279163
Ion Ratio Lower Upper
152 100
115 58.8 28.9 86.7
150 156.9 0.0 356.2



#73
Isopropylbenzene
Concen: 4.993 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072075.D
Acq: 20 Apr 2022 13:52

Tgt Ion:105 Resp: 117458
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4

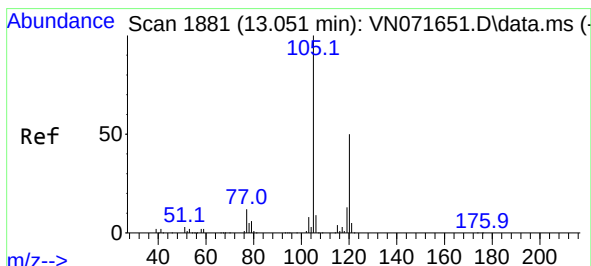
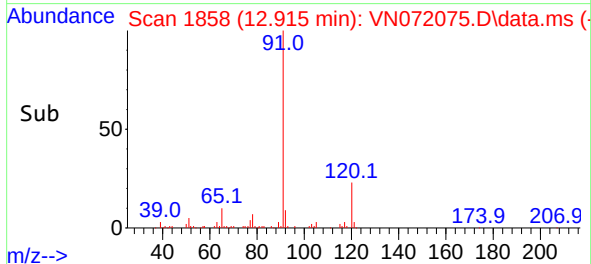
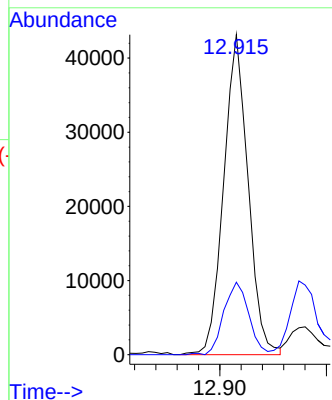
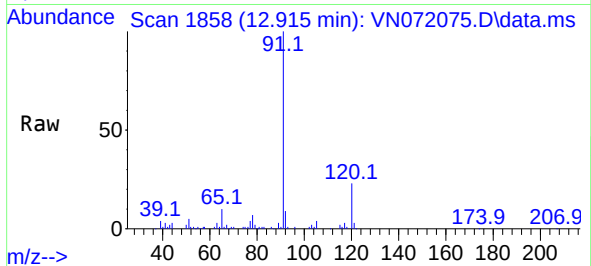




#78
n-propylbenzene
Concen: 2.771 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072075.D
Acq: 20 Apr 2022 13:52

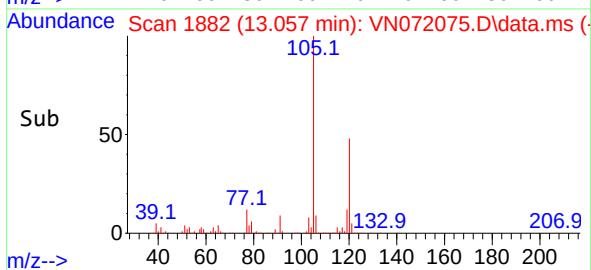
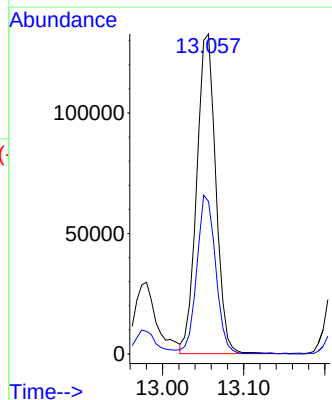
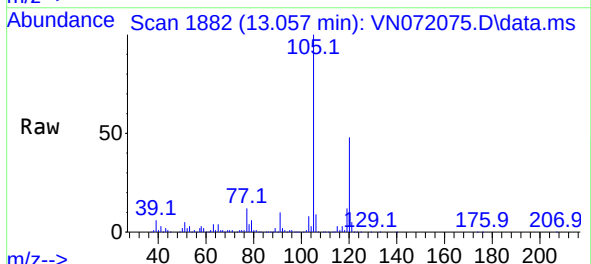
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-6

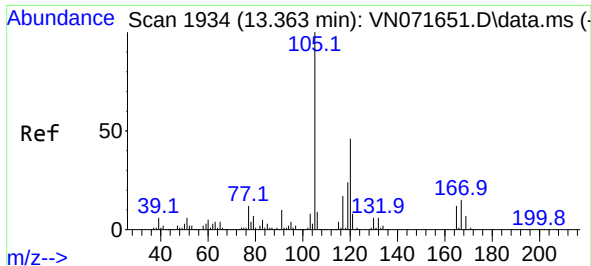
Tgt Ion: 91 Resp: 68578
Ion Ratio Lower Upper
91 100
120 23.1 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 11.622 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072075.D
Acq: 20 Apr 2022 13:52

Tgt Ion: 105 Resp: 216616
Ion Ratio Lower Upper
105 100
120 48.9 24.9 74.7

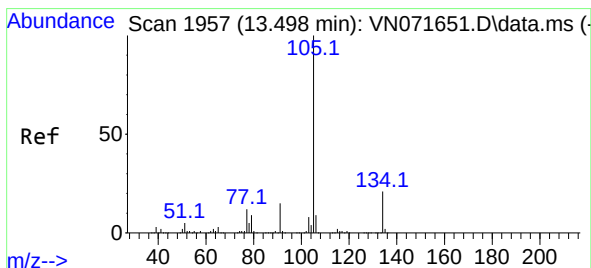
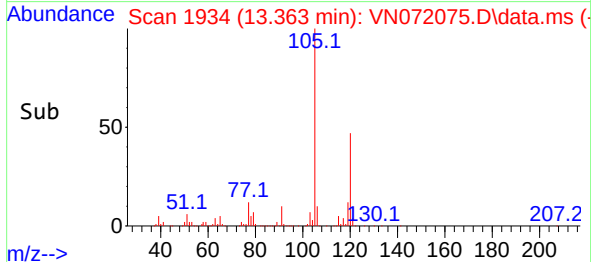
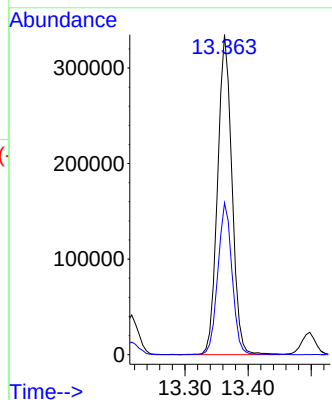
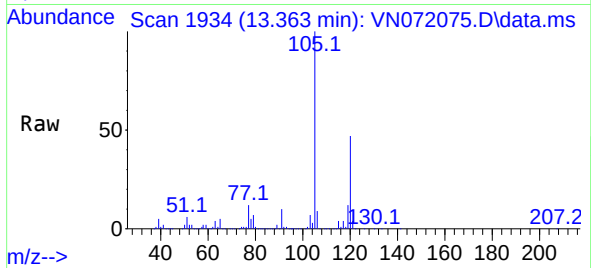




#84
1,2,4-Trimethylbenzene
Concen: 29.067 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072075.D
Acq: 20 Apr 2022 13:52

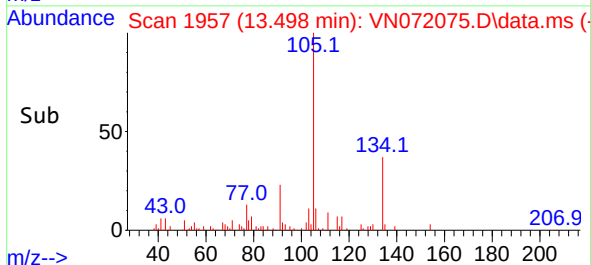
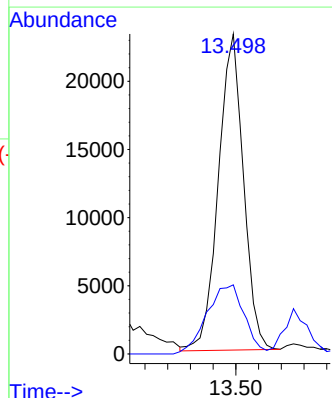
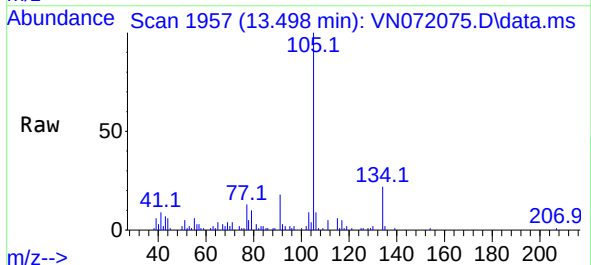
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-6

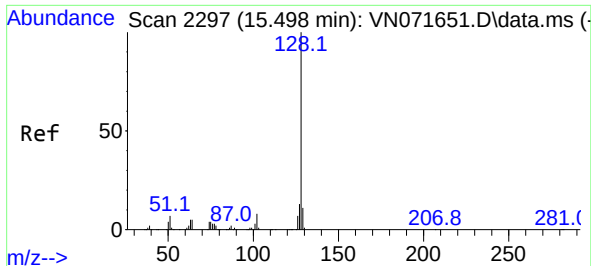
Tgt Ion:105 Resp: 528599
Ion Ratio Lower Upper
105 100
120 47.2 23.3 69.8



#85
sec-Butylbenzene
Concen: 1.612 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN072075.D
Acq: 20 Apr 2022 13:52

Tgt Ion:105 Resp: 35605
Ion Ratio Lower Upper
105 100
134 32.6 10.4 31.1#





#95

Naphthalene

Concen: 4.773 ug/l

RT: 15.504 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN072075.D

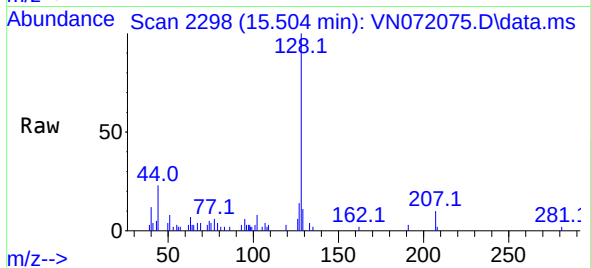
Acq: 20 Apr 2022 13:52

Instrument :

MSVOA_N

ClientSampleId :

WC-15-1-6



Tgt Ion:	128	Resp:	13349
Ion	Ratio	Lower	Upper
128	100		
127	15.9	10.3	15.5#
129	14.5	8.6	13.0#

