

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040622\
 Data File : VN071876.D
 Acq On : 06 Apr 2022 13:54
 Operator : JC\MD
 Sample : N2247-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-4-GR-10

Quant Time: Apr 07 04:26:54 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)

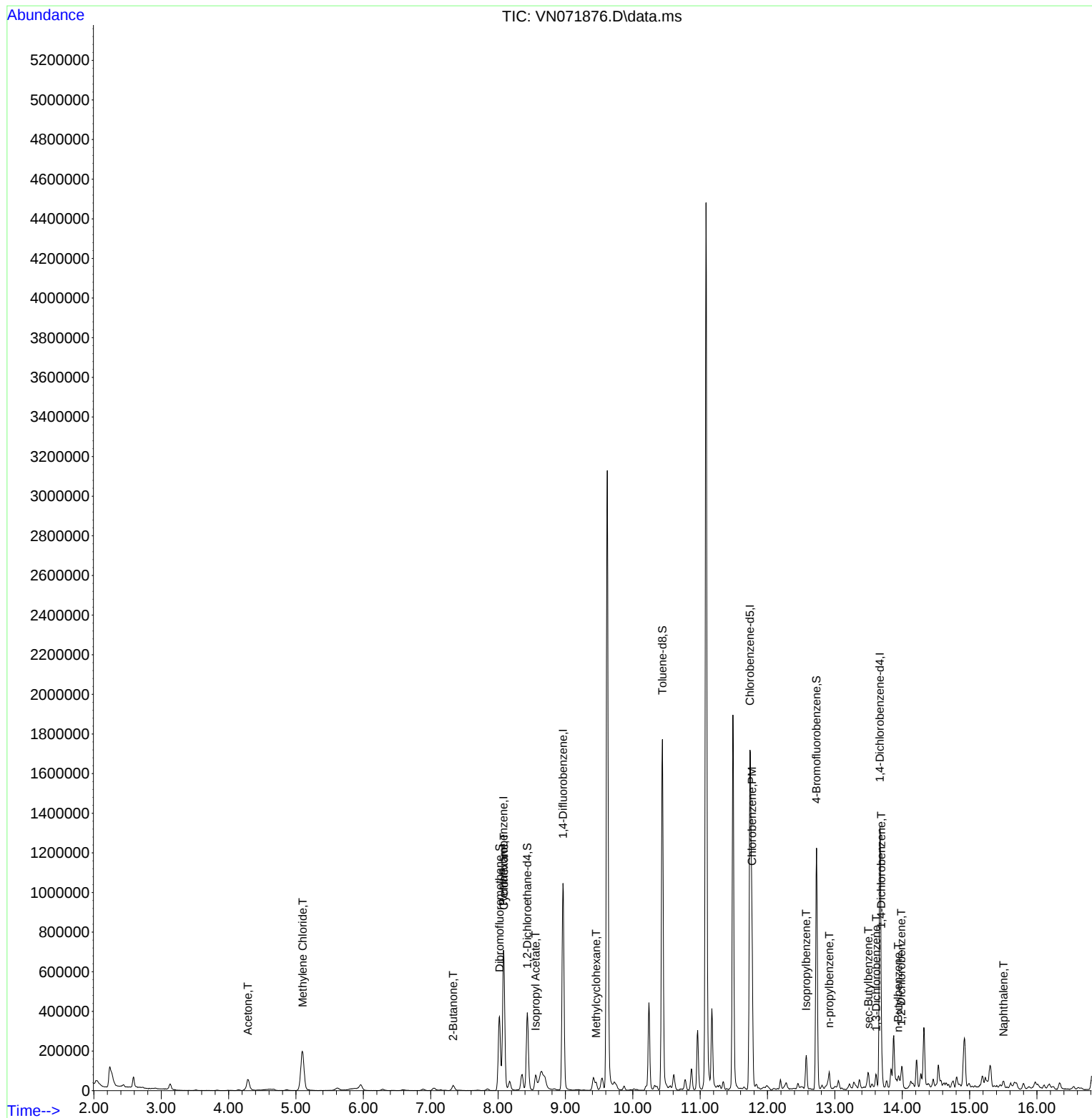
Internal Standards						
1) Pentafluorobenzene	8.081	168	575554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	985241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1028700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	398591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	313951	47.781	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.560%
35) Dibromofluoromethane	8.022	113	278529	48.042	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.080%
50) Toluene-d8	10.439	98	1263897	53.292	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.580%
62) 4-Bromofluorobenzene	12.727	95	433567	56.525	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	113.060%
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	102919	36.651	ug/l	100
20) Methylene Chloride	5.098	84	157349	26.585	ug/l	94
25) 2-Butanone	7.333	43	39194	9.682	ug/l	98
31) Cyclohexane	8.086	56	20066	2.246	ug/l #	37
39) Methylcyclohexane	9.457	83	21851	2.267	ug/l	94
43) Isopropyl Acetate	8.557	43	65164	4.421	ug/l #	88
65) Chlorobenzene	11.769	112	492199	23.895	ug/l	99
73) Isopropylbenzene	12.574	105	117608	3.501	ug/l	99
78) n-propylbenzene	12.915	91	66280	1.876	ug/l	100
85) sec-Butylbenzene	13.498	105	49026	1.555	ug/l	83
87) 1,3-Dichlorobenzene	13.615	146	21366	1.593	ug/l	95
88) 1,4-Dichlorobenzene	13.686	146	33890	2.590	ug/l	87
89) n-Butylbenzene	13.939	91	20316	1.089	ug/l #	82
91) 1,2-Dichlorobenzene	13.986	146	17151	1.302	ug/l	92
95) Naphthalene	15.504	128	37767	5.725	ug/l #	95

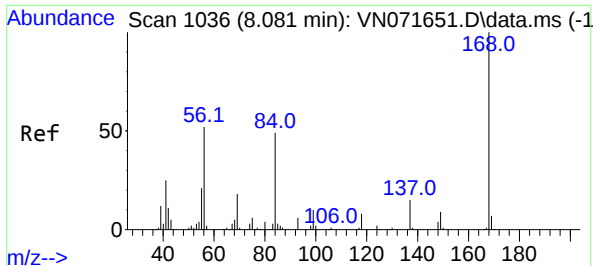
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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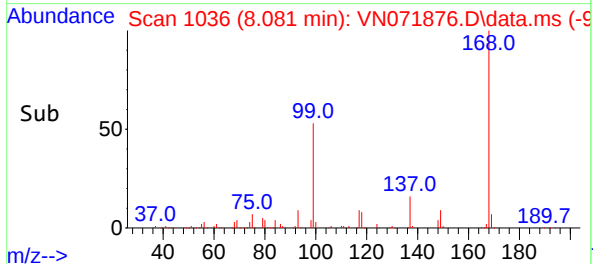
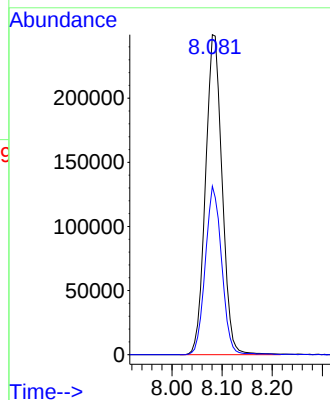
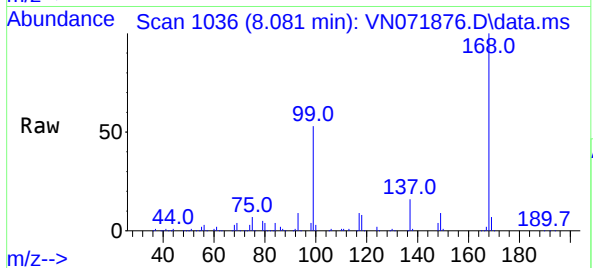




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

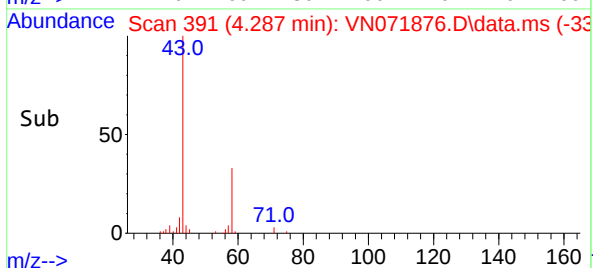
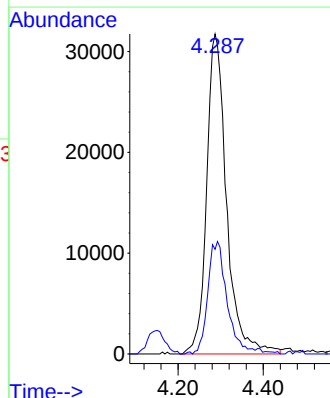
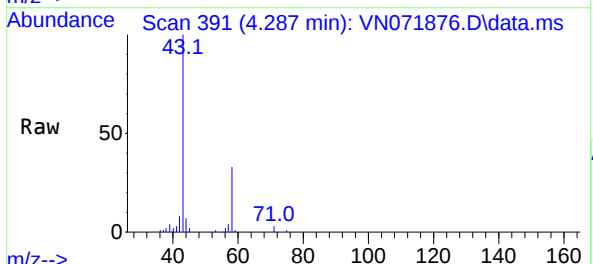
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-GR-10

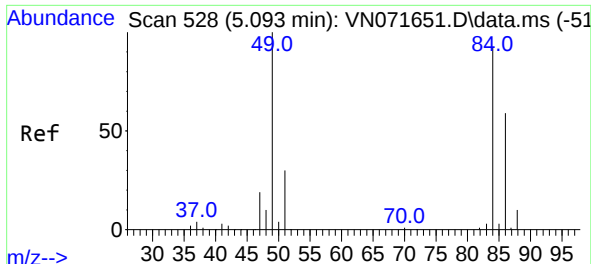
Tgt Ion:168 Resp: 575554
Ion Ratio Lower Upper
168 100
99 52.6 42.3 63.5



#16
Acetone
Concen: 36.651 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Tgt Ion: 43 Resp: 102919
Ion Ratio Lower Upper
43 100
58 32.7 26.0 39.0



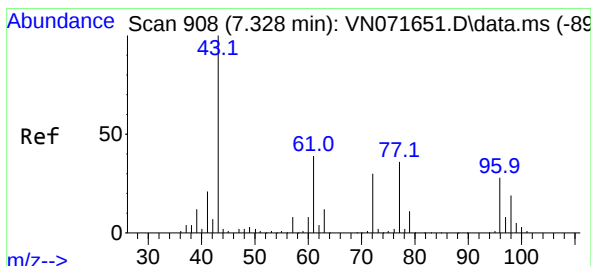
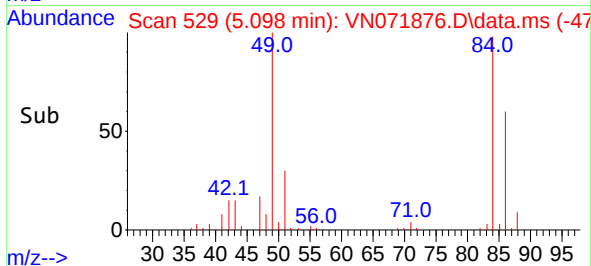
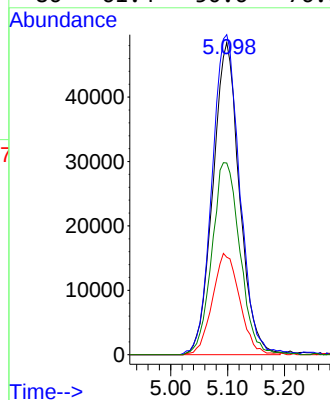
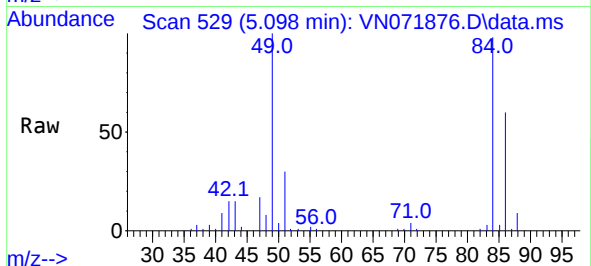


#20
Methylene Chloride
Concen: 26.585 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-GR-10

Tgt Ion: 84 Resp: 157349

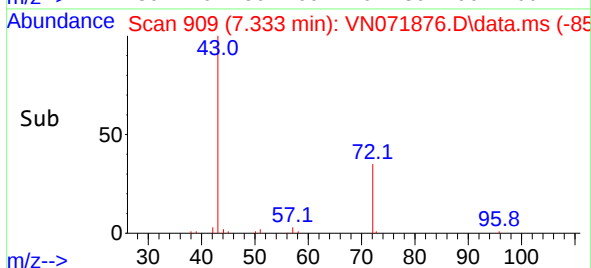
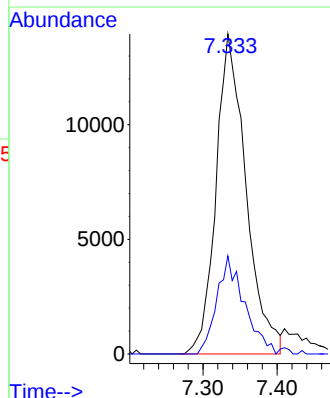
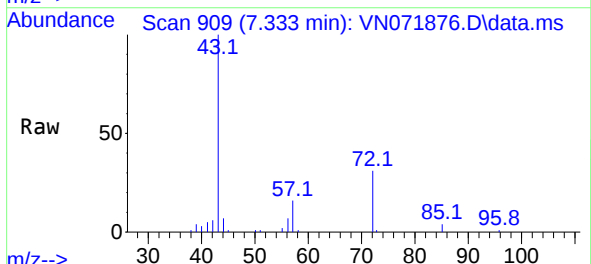
Ion	Ratio	Lower	Upper
84	100		
49	102.5	88.3	132.5
51	31.2	28.2	42.2
86	61.4	50.6	76.0

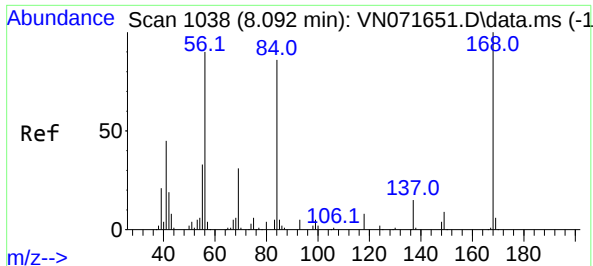


#25
2-Butanone
Concen: 9.682 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.005 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Tgt Ion: 43 Resp: 39194

Ion	Ratio	Lower	Upper
43	100		
72	30.7	23.7	35.5

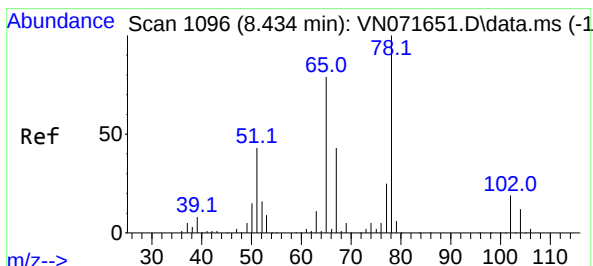
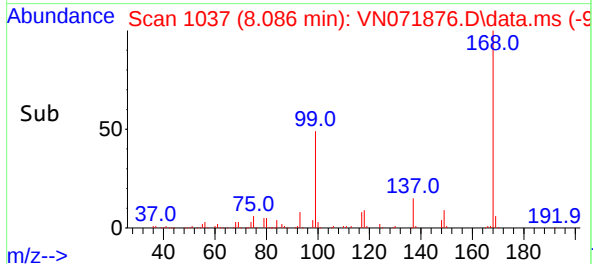
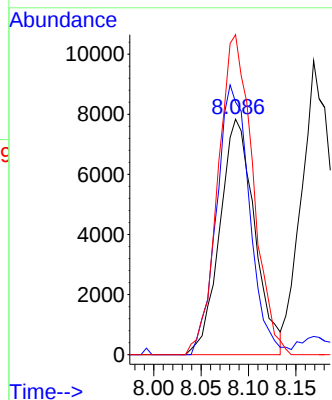
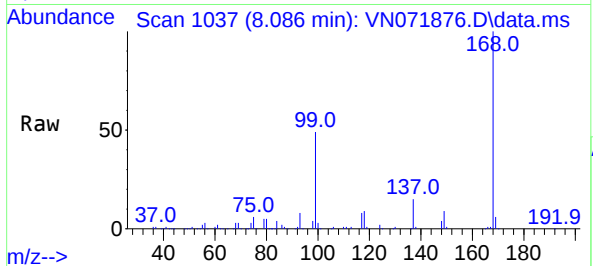




#31
Cyclohexane
Concen: 2.246 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

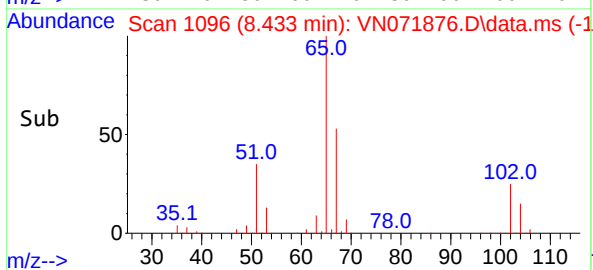
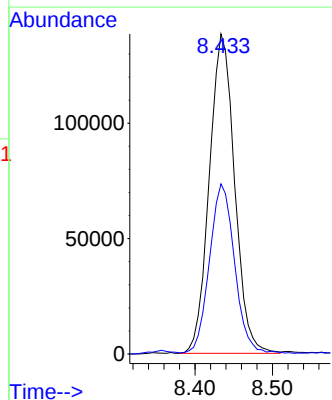
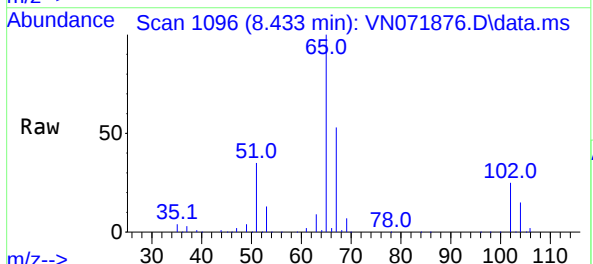
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-GR-10

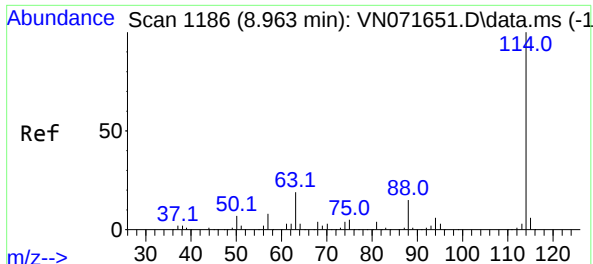
Tgt Ion: 56 Resp: 20066
Ion Ratio Lower Upper
56 100
69 107.1 27.8 41.8#
84 135.8 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 47.781 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Tgt Ion: 65 Resp: 313951
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.8

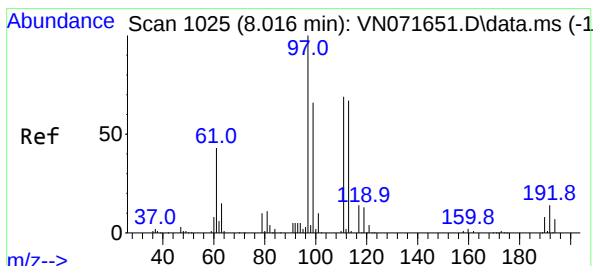
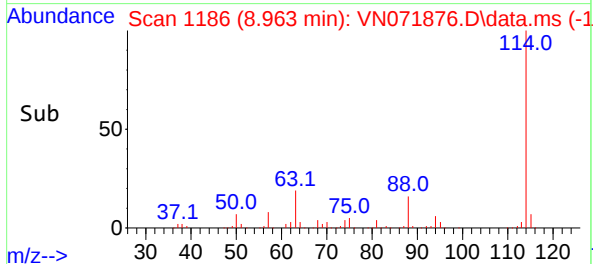
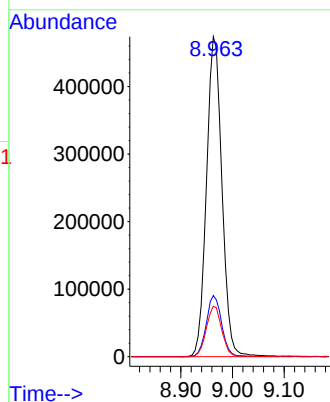
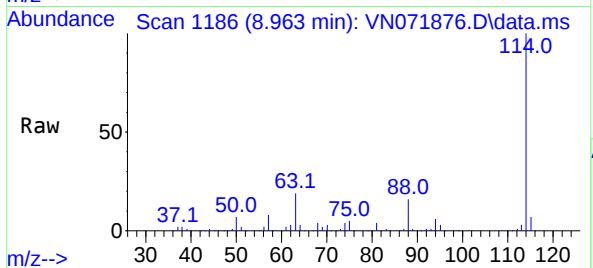




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

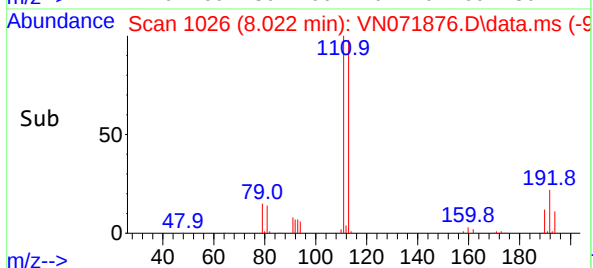
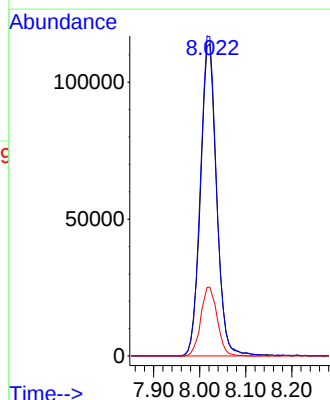
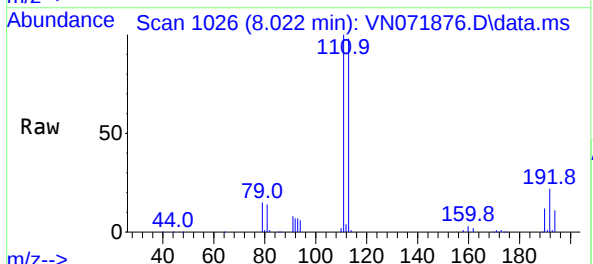
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-GR-10

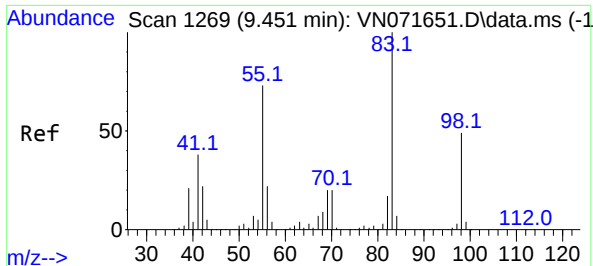
Tgt Ion:114 Resp: 985241
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.0
88 15.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.042 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Tgt Ion:113 Resp: 278529
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 22.4 17.0 25.6





#39

Methylcyclohexane

Concen: 2.267 ug/l

RT: 9.457 min Scan# 1117

Delta R.T. 0.006 min

Lab File: VN071876.D

Acq: 06 Apr 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-4-GR-10

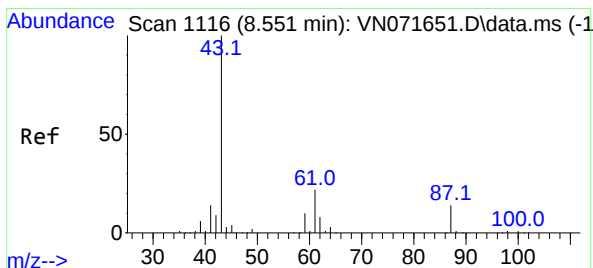
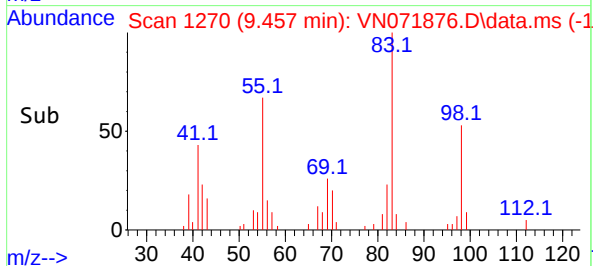
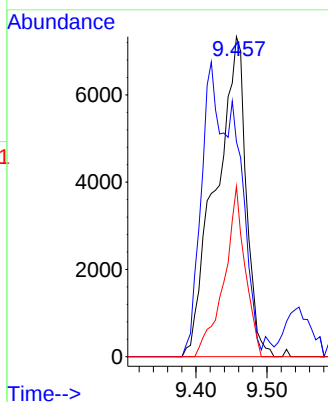
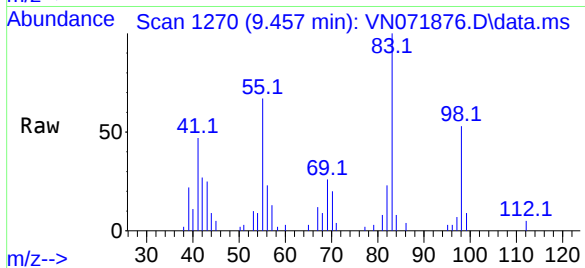
Tgt Ion: 83 Resp: 21851

Ion Ratio Lower Upper

83 100

55 67.2 57.8 86.8

98 53.2 39.4 59.2



#43

Isopropyl Acetate

Concen: 4.421 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.006 min

Lab File: VN071876.D

Acq: 06 Apr 2022 13:54

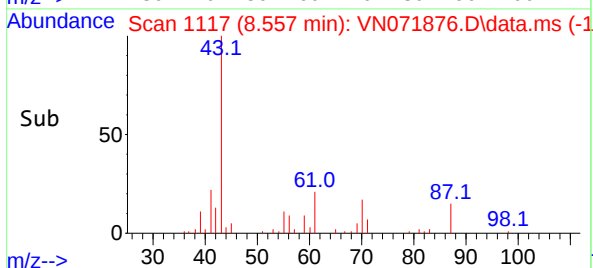
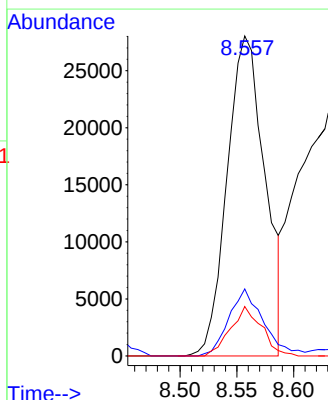
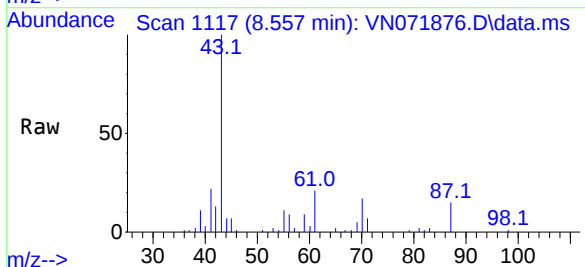
Tgt Ion: 43 Resp: 65164

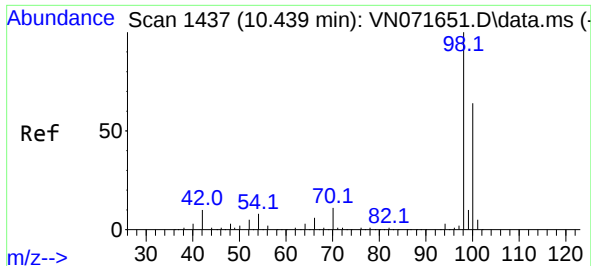
Ion Ratio Lower Upper

43 100

61 19.2 21.9 32.9#

87 12.7 12.0 18.0

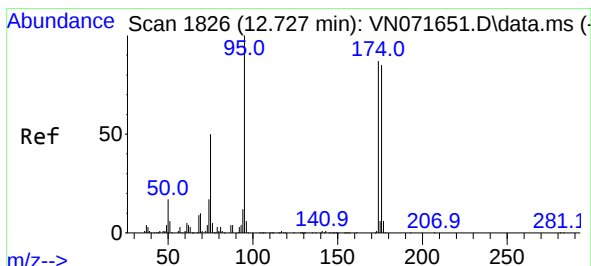
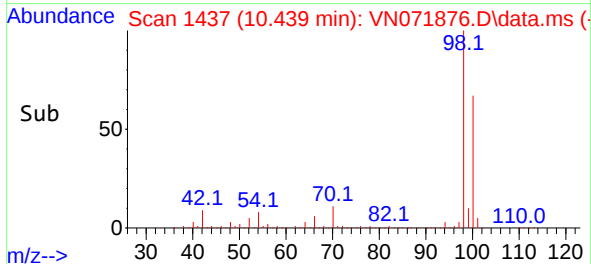
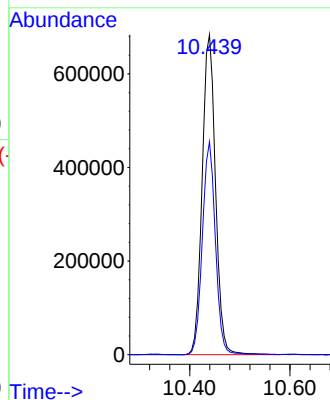
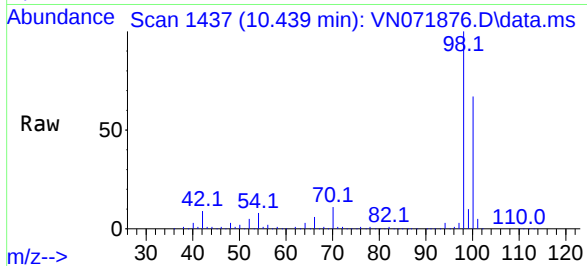




#50
Toluene-d8
Concen: 53.292 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

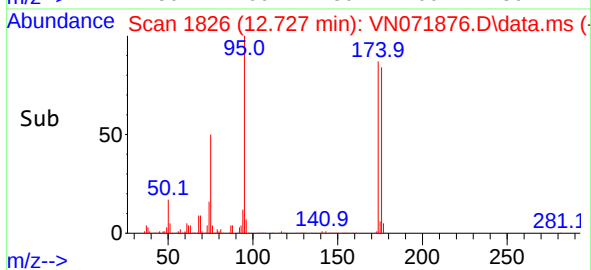
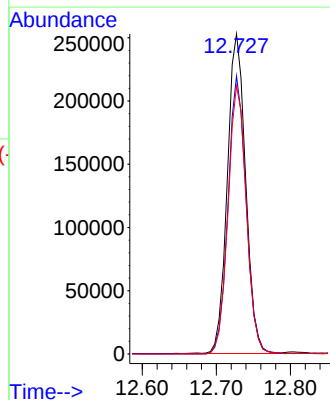
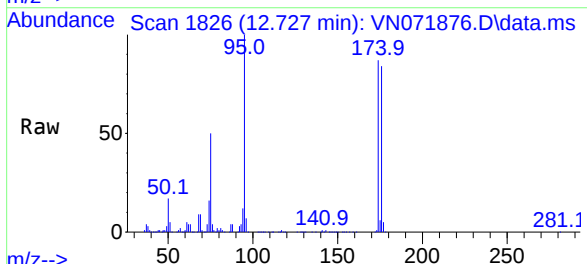
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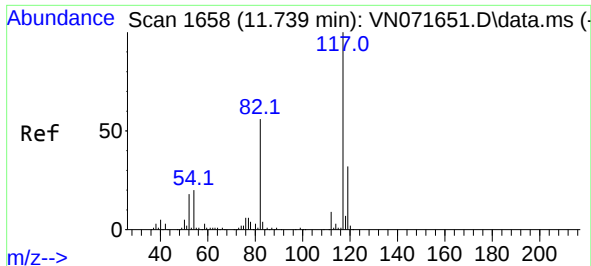
Tgt Ion: 98 Resp: 1263897
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 56.525 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Tgt Ion: 95 Resp: 433567
Ion Ratio Lower Upper
95 100
174 85.8 0.0 167.6
176 83.5 0.0 163.4

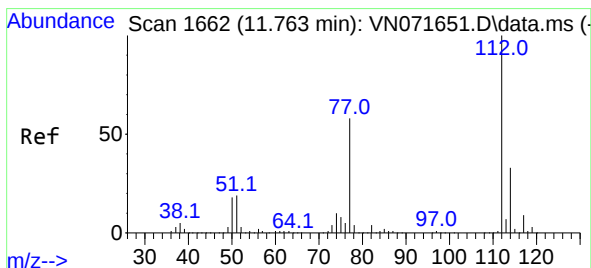
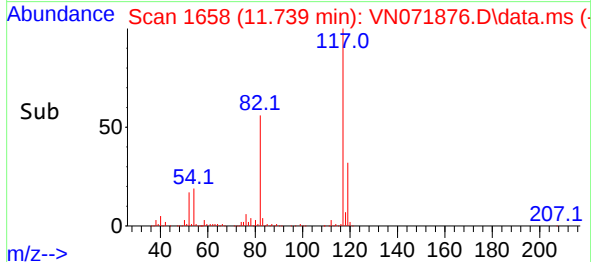
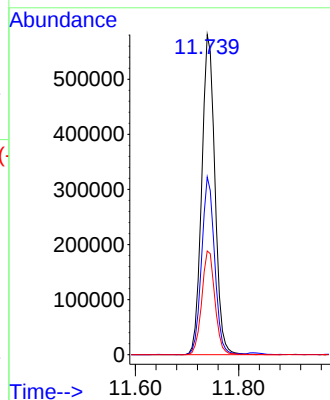
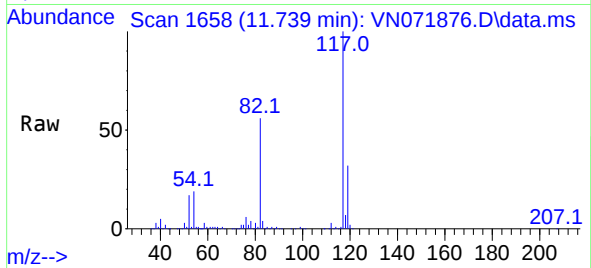




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

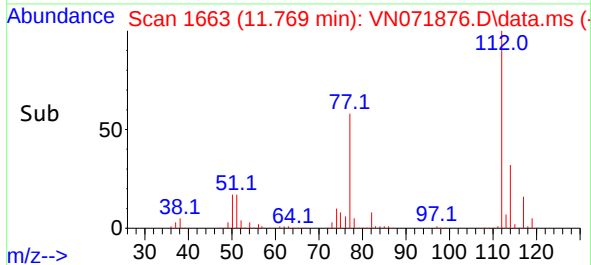
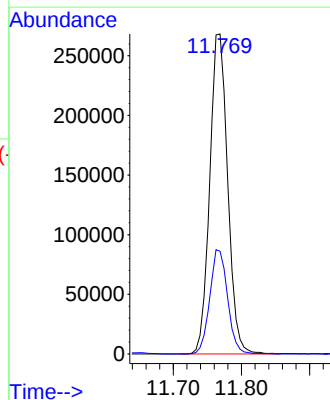
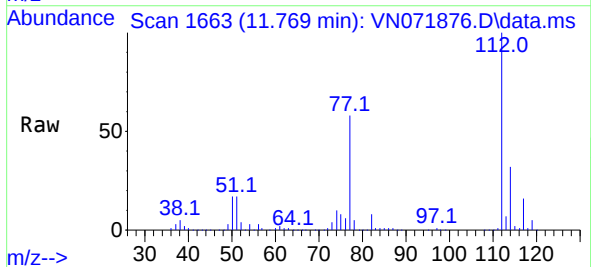
Instrument :
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ClientSampleId :
WC-14A-1A-4-GR-10

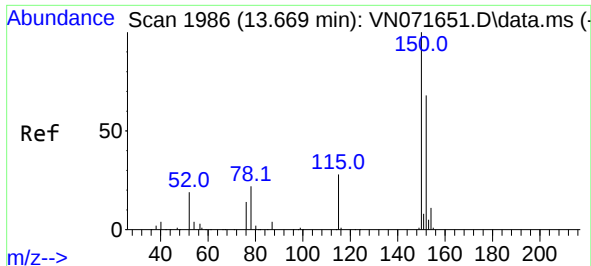
Tgt Ion:117 Resp: 1028700
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 32.4 25.4 38.0



#65
Chlorobenzene
Concen: 23.895 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.005 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Tgt Ion:112 Resp: 492199
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2

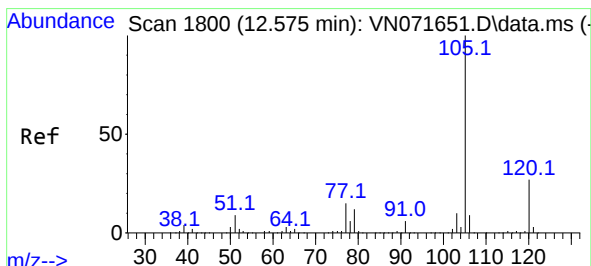
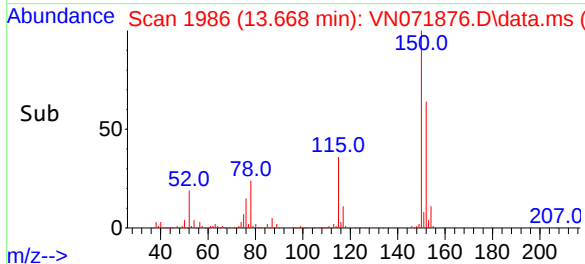
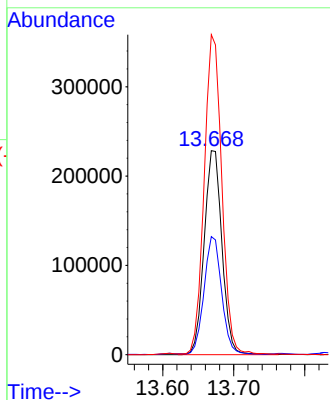
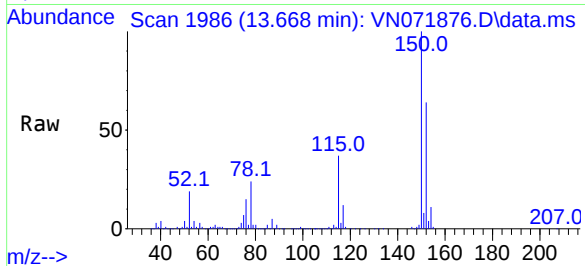




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

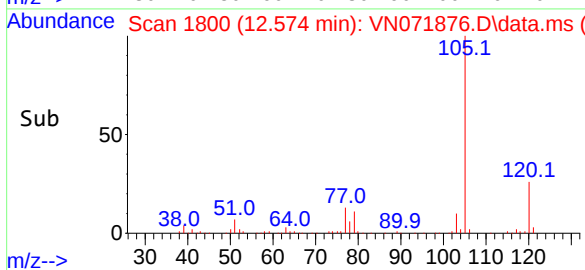
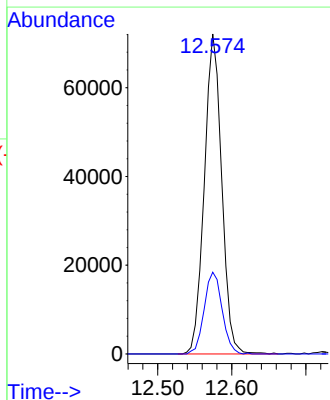
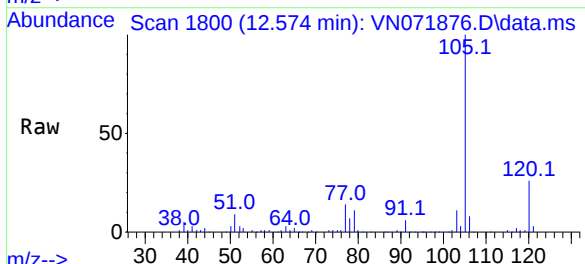
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-GR-10

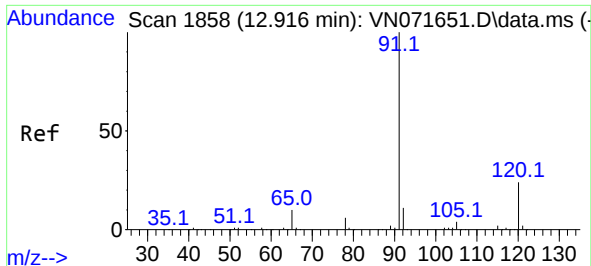
Tgt Ion:152 Resp: 398591
Ion Ratio Lower Upper
152 100
115 57.1 28.9 86.7
150 154.5 0.0 356.2



#73
Isopropylbenzene
Concen: 3.501 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Tgt Ion:105 Resp: 117608
Ion Ratio Lower Upper
105 100
120 26.4 13.5 40.4

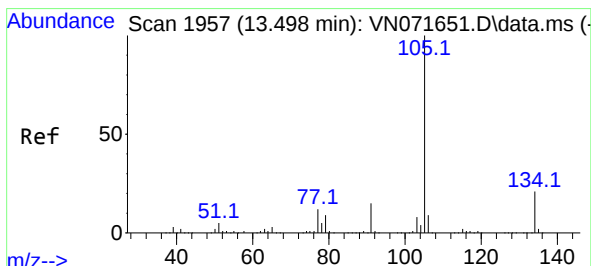
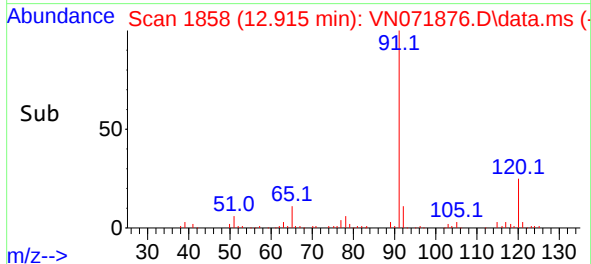
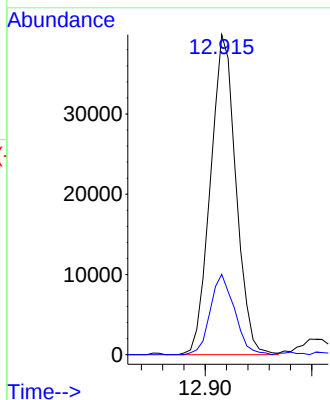
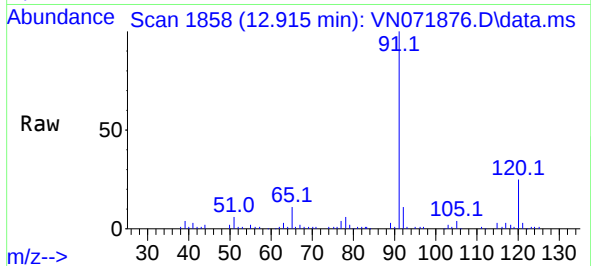




#78
n-propylbenzene
Concen: 1.876 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

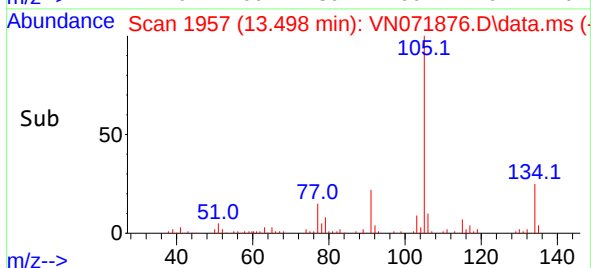
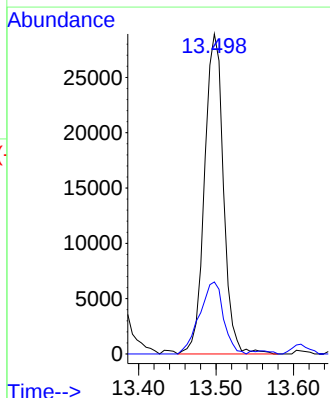
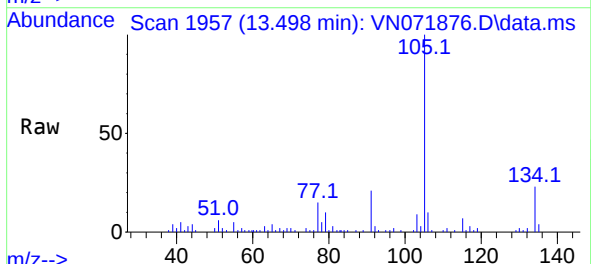
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-GR-10

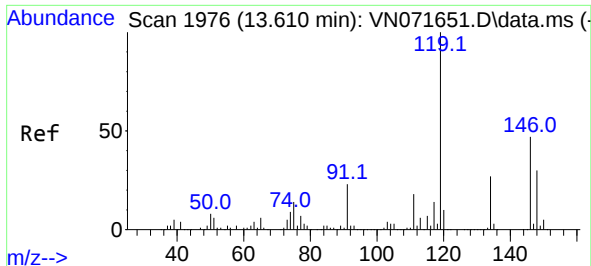
Tgt Ion: 91 Resp: 66280
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.5



#85
sec-Butylbenzene
Concen: 1.555 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Tgt Ion: 105 Resp: 49026
Ion Ratio Lower Upper
105 100
134 28.4 10.4 31.1





#87

1,3-Dichlorobenzene

Concen: 1.593 ug/l

RT: 13.615 min Scan# 1976

Delta R.T. 0.005 min

Lab File: VN071876.D

Acq: 06 Apr 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-4-GR-10

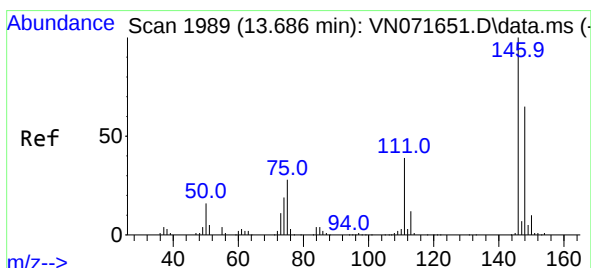
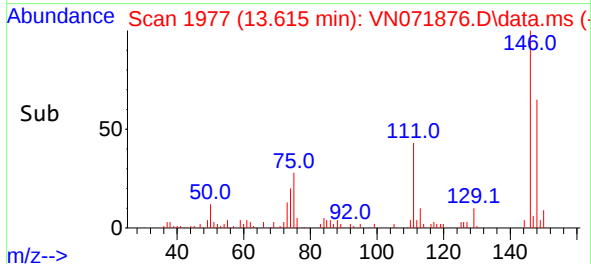
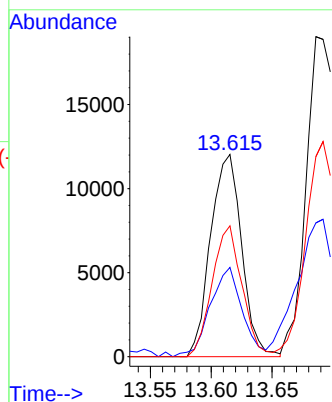
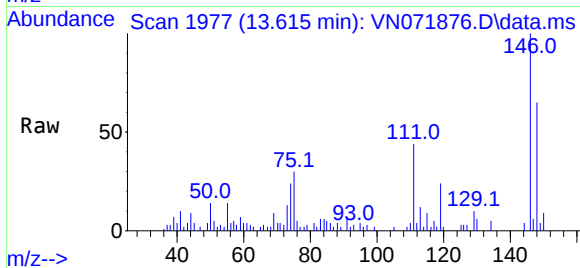
Tgt Ion:146 Resp: 21366

Ion Ratio Lower Upper

146 100

111 45.4 20.0 60.0

148 62.4 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 2.590 ug/l

RT: 13.686 min Scan# 1989

Delta R.T. 0.000 min

Lab File: VN071876.D

Acq: 06 Apr 2022 13:54

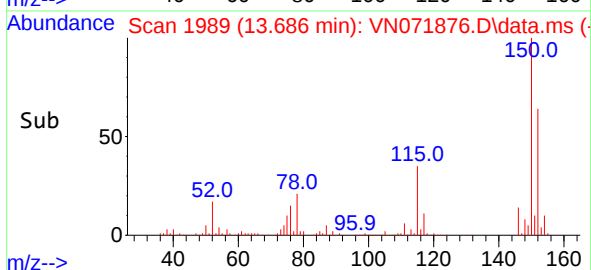
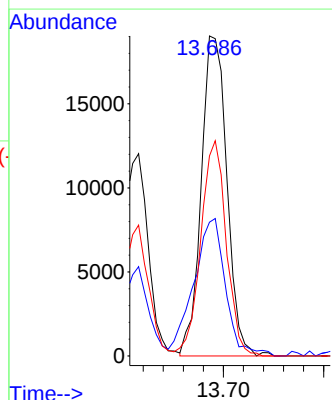
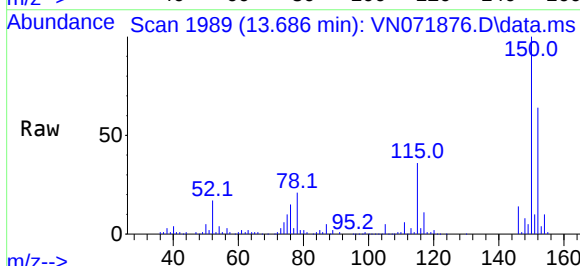
Tgt Ion:146 Resp: 33890

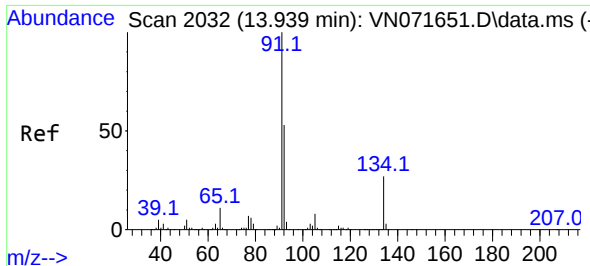
Ion Ratio Lower Upper

146 100

111 53.4 19.1 57.1

148 66.9 31.4 94.3

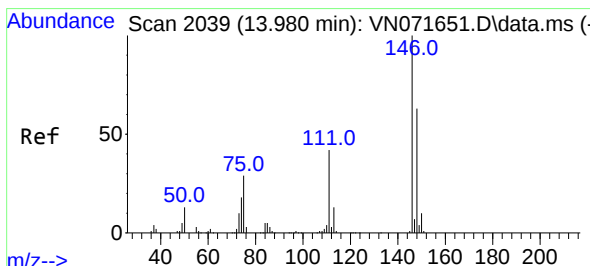
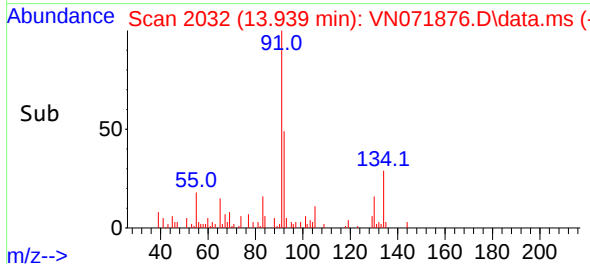
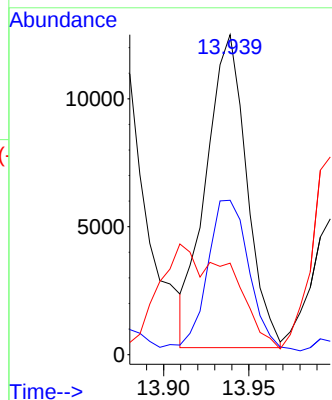
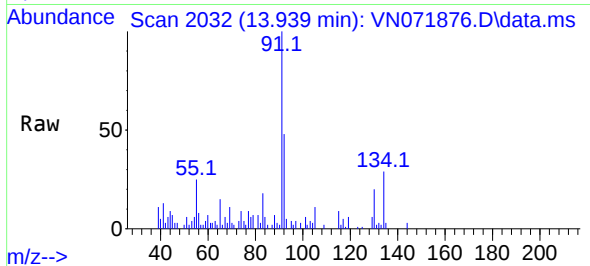




#89
n-Butylbenzene
Concen: 1.089 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

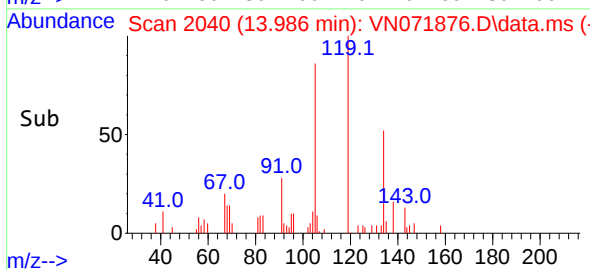
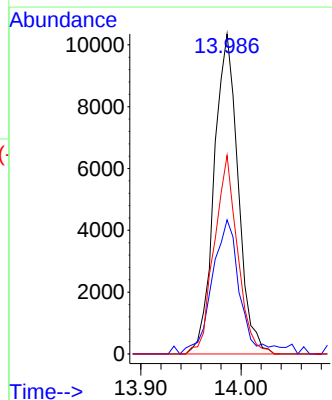
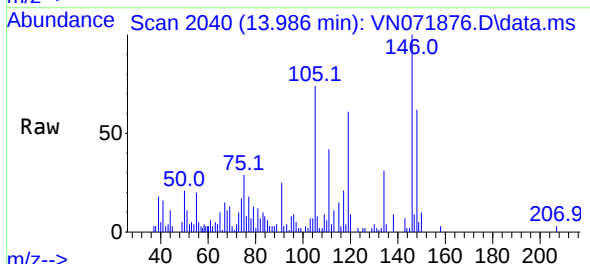
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-GR-10

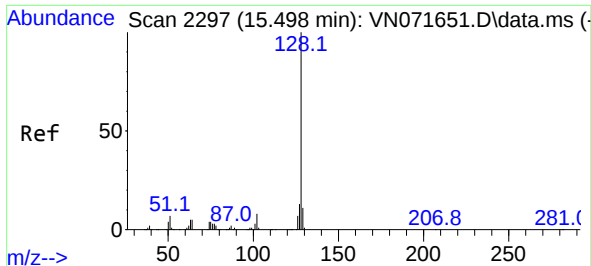
Tgt Ion:	91	Resp:	20316
Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.9	80.7
134	0.0	13.6	40.8



#91
1,2-Dichlorobenzene
Concen: 1.302 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.006 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

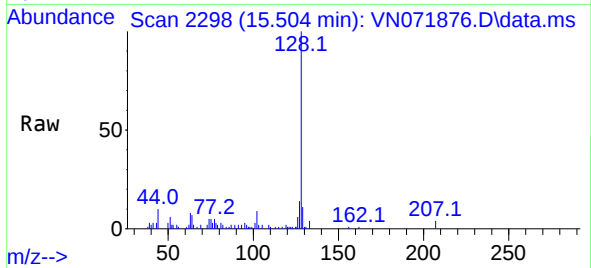
Tgt Ion:	146	Resp:	17151
Ion	Ratio	Lower	Upper
146	100		
111	50.3	20.9	62.8
148	60.6	32.1	96.3





#95
Naphthalene
Concen: 5.725 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-GR-10



Tgt Ion:128 Resp: 37767
Ion Ratio Lower Upper
128 100
127 16.1 10.3 15.5#
129 10.0 8.6 13.0

