

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040622\
 Data File : VN071877.D
 Acq On : 06 Apr 2022 14:18
 Operator : JC\MD
 Sample : N2247-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-4-GR-15

Quant Time: Apr 07 04:27:16 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	8.087	168	640924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1100397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.740	117	1169102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	485221	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	350734	47.935	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.860%
35) Dibromofluoromethane	8.016	113	310039	47.881	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.760%
50) Toluene-d8	10.440	98	1413794	53.374	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.740%
62) 4-Bromofluorobenzene	12.728	95	522614	61.004	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	122.000%

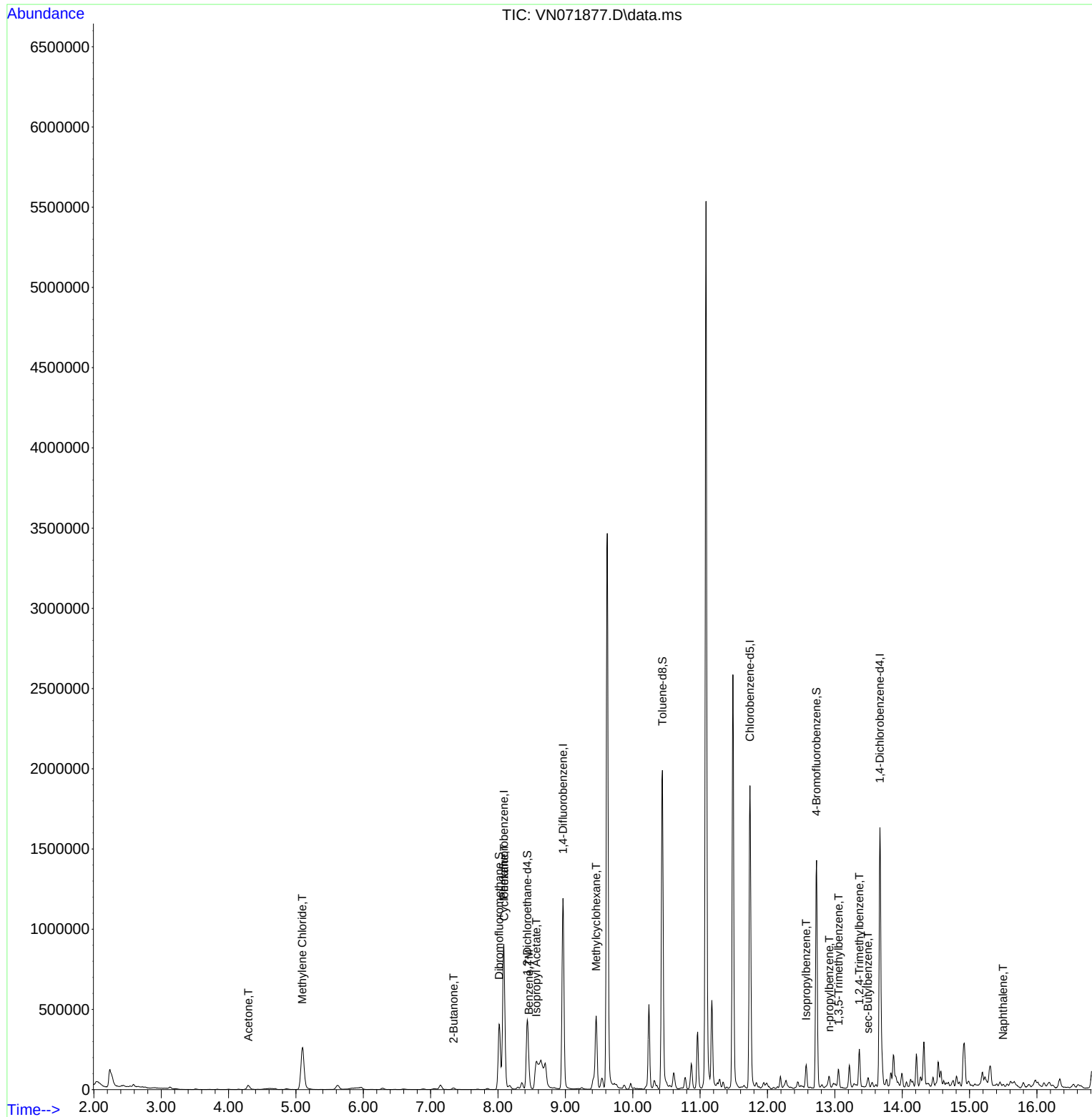
Target Compounds					Qvalue	
16) Acetone	4.293	43	47762	15.274	ug/l	95
20) Methylene Chloride	5.093	84	228178	34.620	ug/l	97
25) 2-Butanone	7.340	43	15729	3.489	ug/l	99
31) Cyclohexane	8.093	56	101673	10.218	ug/l #	95
39) Methylcyclohexane	9.457	83	207776	19.303	ug/l	99
40) Benzene	8.457	78	59252	2.074	ug/l	99
43) Isopropyl Acetate	8.569	43	163080	9.906	ug/l #	71
73) Isopropylbenzene	12.575	105	98006	2.397	ug/l	100
78) n-propylbenzene	12.916	91	59379	1.381	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	56169	1.734	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	132471	4.191	ug/l	99
85) sec-Butylbenzene	13.492	105	39652	1.033	ug/l #	78
95) Naphthalene	15.498	128	13898	4.384	ug/l #	89

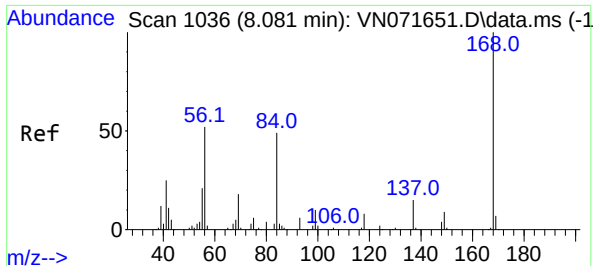
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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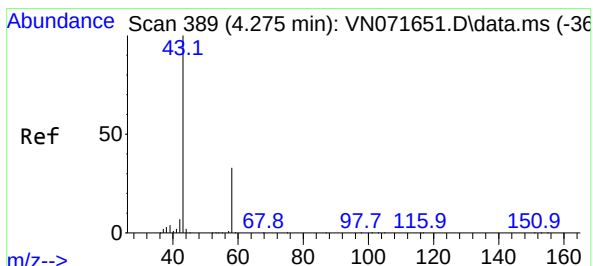
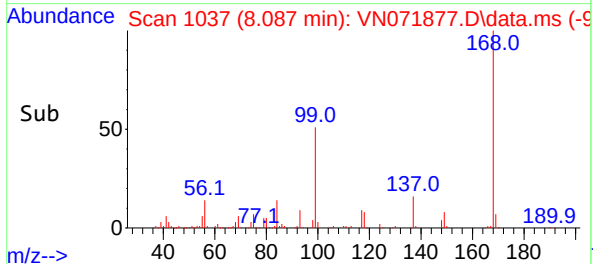
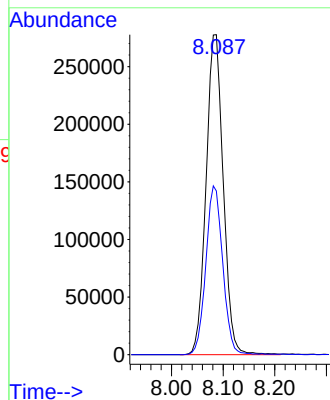
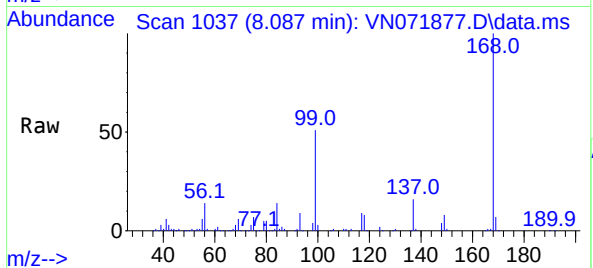




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN071877.D
Acq: 06 Apr 2022 14:18

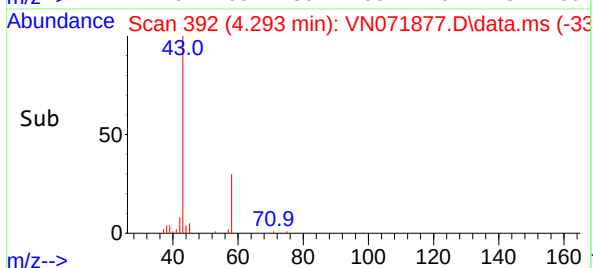
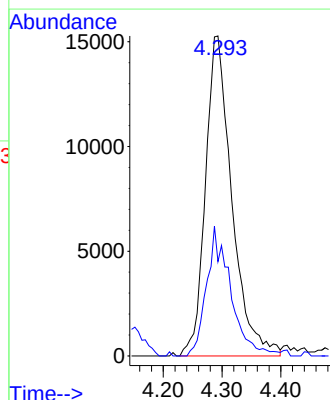
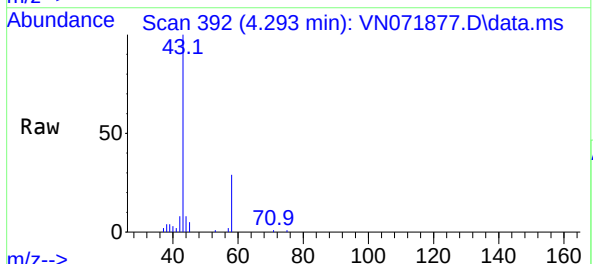
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-GR-15

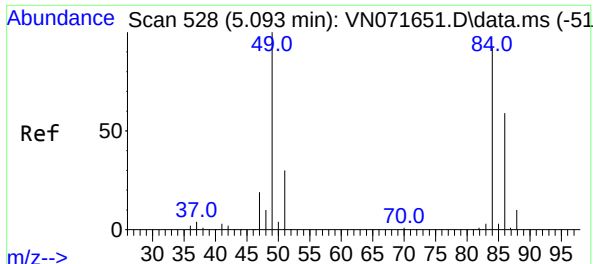
Tgt Ion:168 Resp: 640924
Ion Ratio Lower Upper
168 100
99 51.2 42.3 63.5



#16
Acetone
Concen: 15.274 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN071877.D
Acq: 06 Apr 2022 14:18

Tgt Ion: 43 Resp: 47762
Ion Ratio Lower Upper
43 100
58 29.5 26.0 39.0



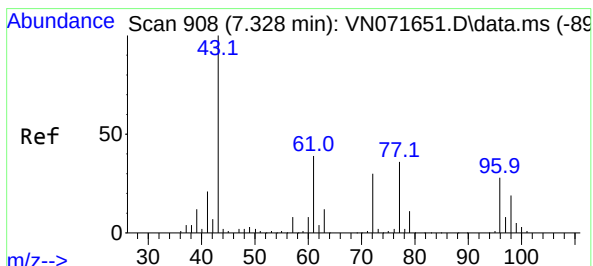
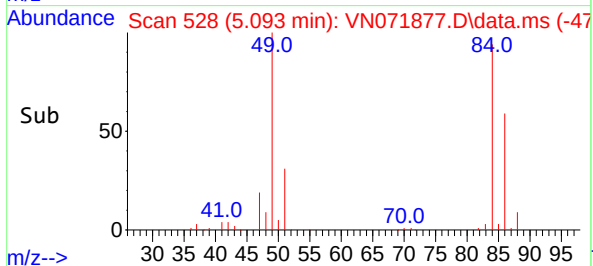
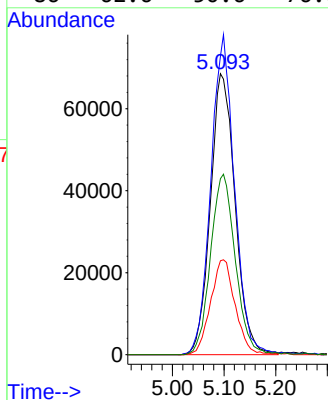
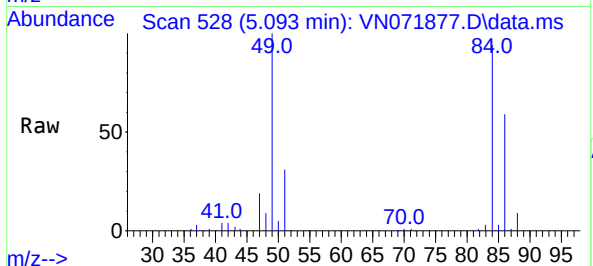


#20
Methylene Chloride
Concen: 34.620 ug/l
RT: 5.093 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071877.D
Acq: 06 Apr 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-GR-15

Tgt Ion: 84 Resp: 228178

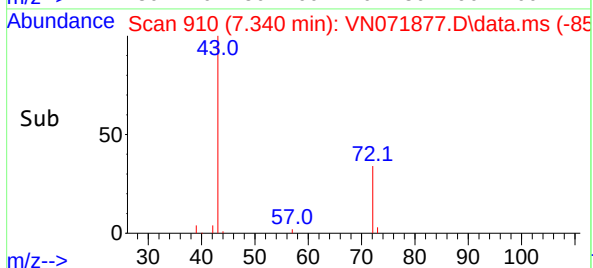
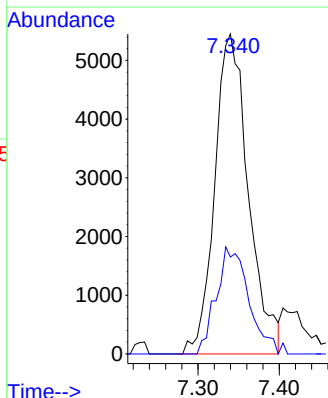
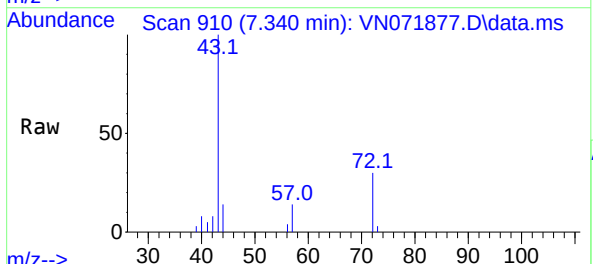
Ion	Ratio	Lower	Upper
84	100		
49	106.2	88.3	132.5
51	33.4	28.2	42.2
86	62.6	50.6	76.0

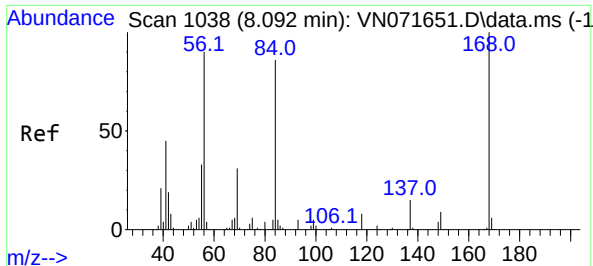


#25
2-Butanone
Concen: 3.489 ug/l
RT: 7.340 min Scan# 910
Delta R.T. 0.012 min
Lab File: VN071877.D
Acq: 06 Apr 2022 14:18

Tgt Ion: 43 Resp: 15729

Ion	Ratio	Lower	Upper
43	100		
72	30.3	23.7	35.5





#31

Cyclohexane

Concen: 10.218 ug/l

RT: 8.093 min Scan# 1038

Delta R.T. 0.001 min

Lab File: VN071877.D

Acq: 06 Apr 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-4-GR-15

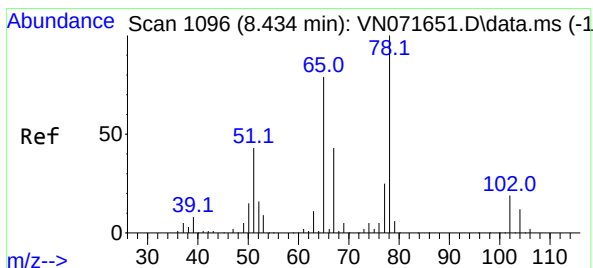
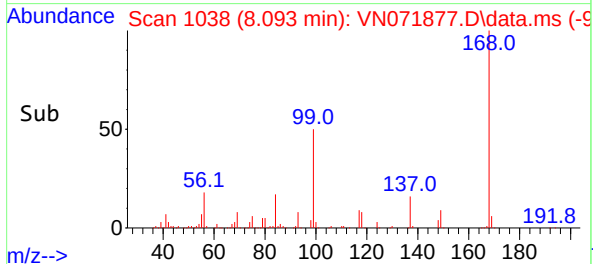
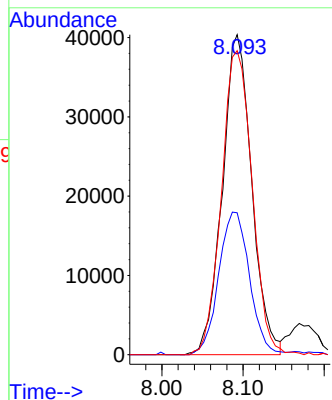
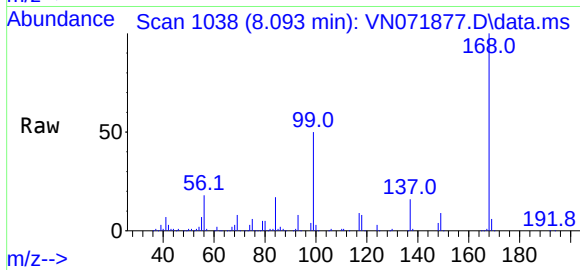
Tgt Ion: 56 Resp: 101673

Ion Ratio Lower Upper

56 100

69 44.3 27.8 41.8#

84 95.0 76.9 115.3



#33

1,2-Dichloroethane-d4

Concen: 47.935 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071877.D

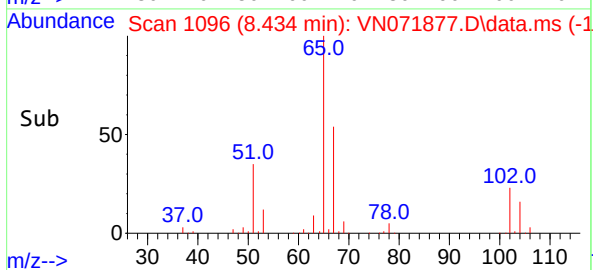
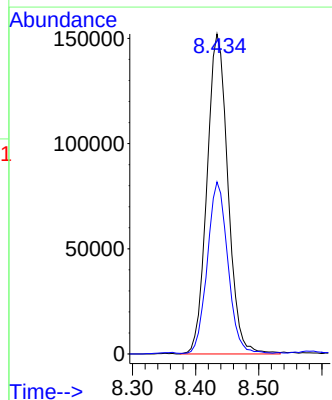
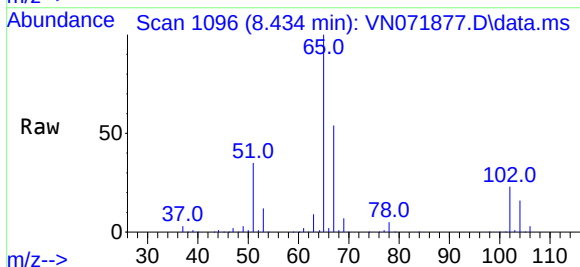
Acq: 06 Apr 2022 14:18

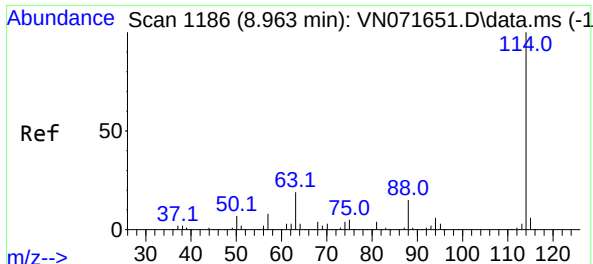
Tgt Ion: 65 Resp: 350734

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.8

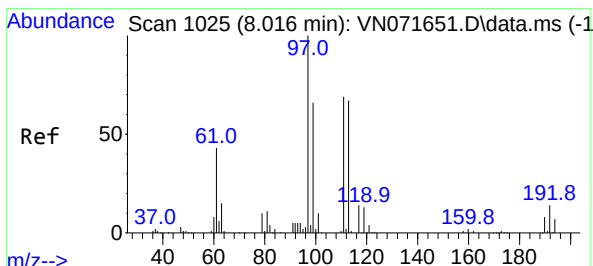
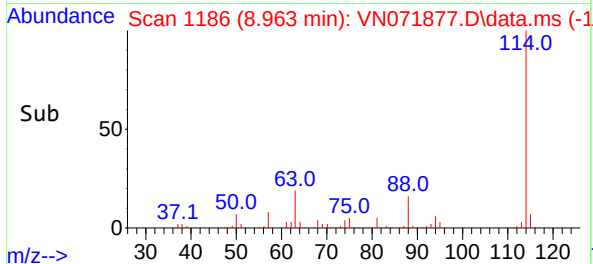
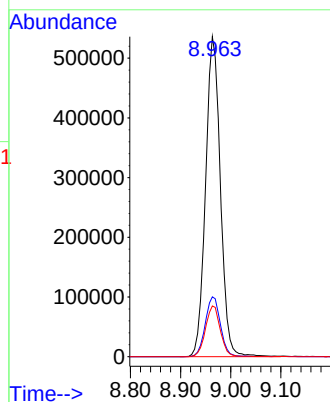
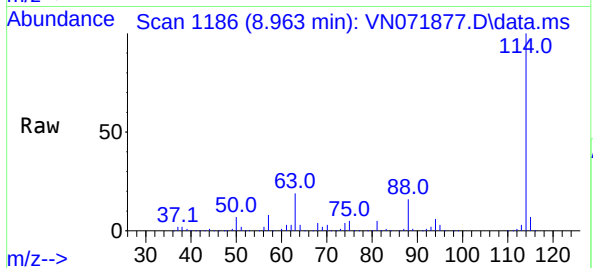




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071877.D
Acq: 06 Apr 2022 14:18

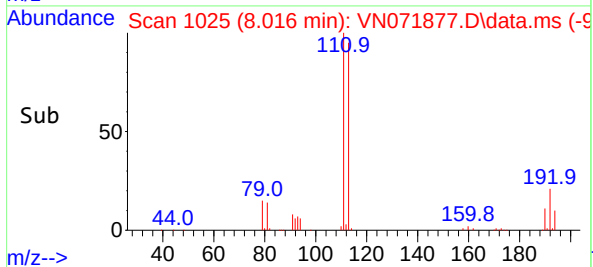
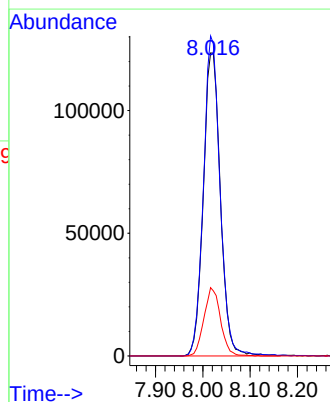
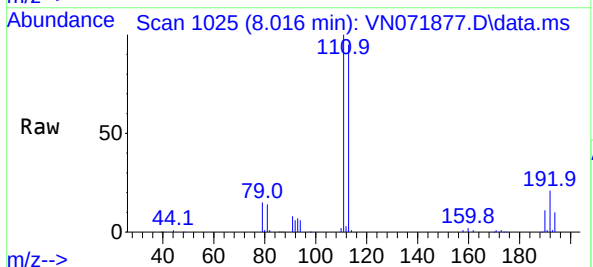
Instrument :
MSVOA_N
ClientSampleId :
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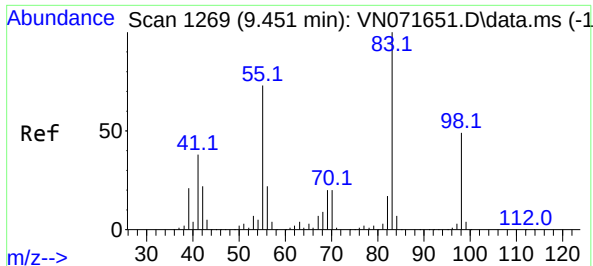
Tgt Ion:114 Resp: 1100397
Ion Ratio Lower Upper
114 100
63 18.7 0.0 40.0
88 15.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.881 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071877.D
Acq: 06 Apr 2022 14:18

Tgt Ion:113 Resp: 310039
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 21.9 17.0 25.6

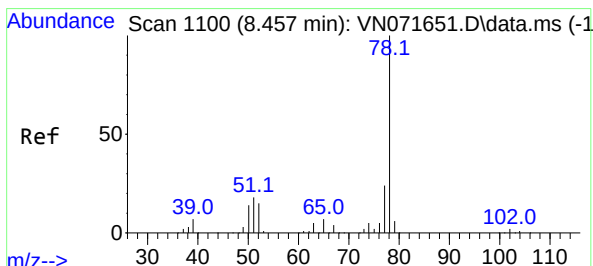
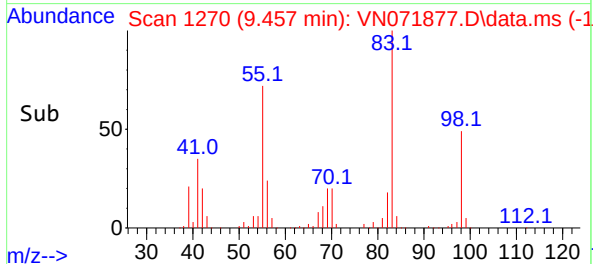
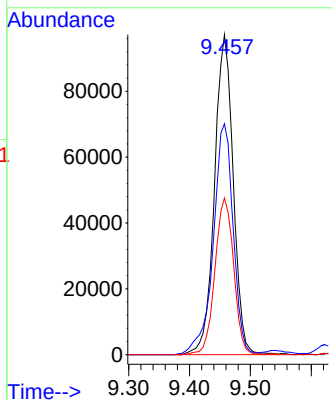
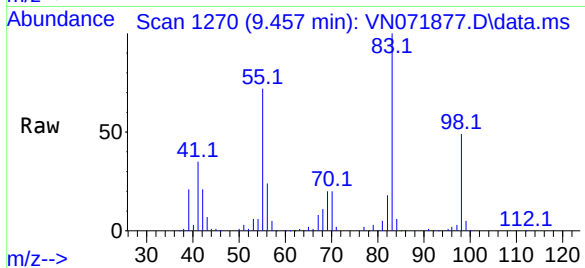




#39
Methylcyclohexane
Concen: 19.303 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071877.D
Acq: 06 Apr 2022 14:18

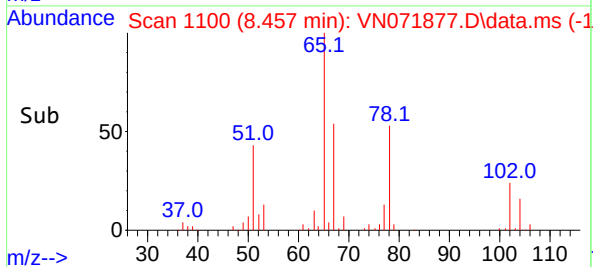
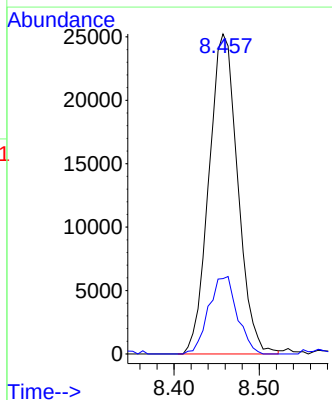
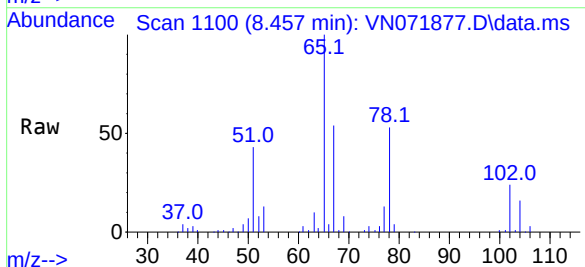
Instrument :
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WC-14A-1A-4-GR-15

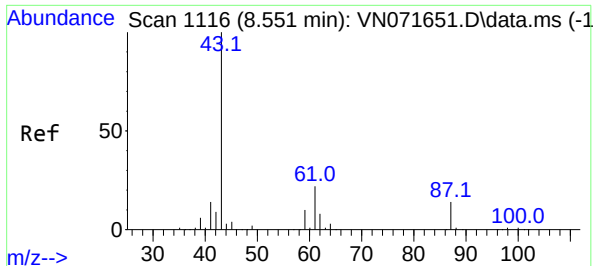
Tgt Ion: 83 Resp: 207776
Ion Ratio Lower Upper
83 100
55 71.9 57.8 86.8
98 48.9 39.4 59.2



#40
Benzene
Concen: 2.074 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071877.D
Acq: 06 Apr 2022 14:18

Tgt Ion: 78 Resp: 59252
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0





#43

Isopropyl Acetate

Concen: 9.906 ug/l

RT: 8.569 min Scan# 1116

Delta R.T. 0.018 min

Lab File: VN071877.D

Acq: 06 Apr 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-4-GR-15

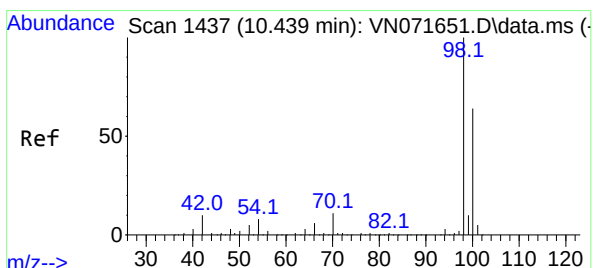
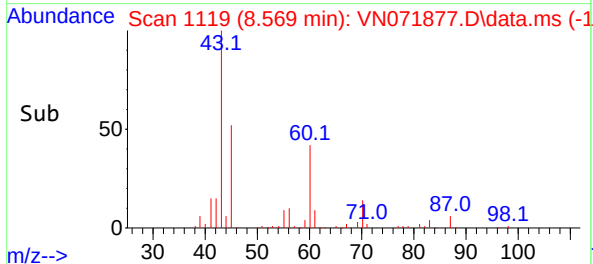
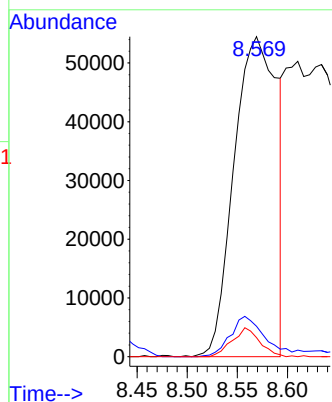
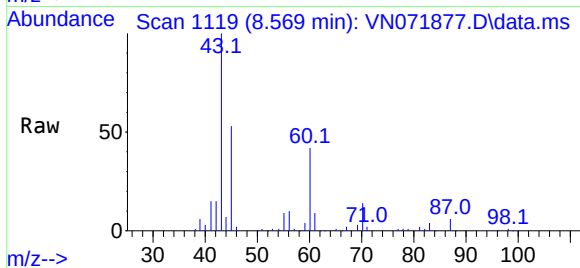
Tgt Ion: 43 Resp: 163080

Ion Ratio Lower Upper

43 100

61 10.6 21.9 32.9#

87 5.8 12.0 18.0#



#50

Toluene-d8

Concen: 53.374 ug/l

RT: 10.440 min Scan# 1437

Delta R.T. 0.001 min

Lab File: VN071877.D

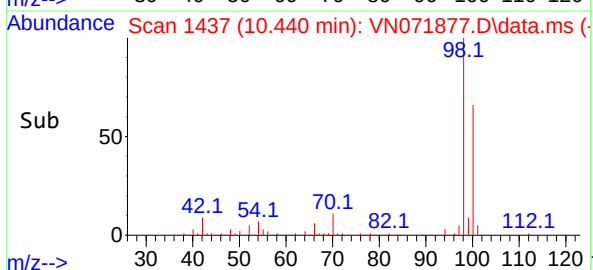
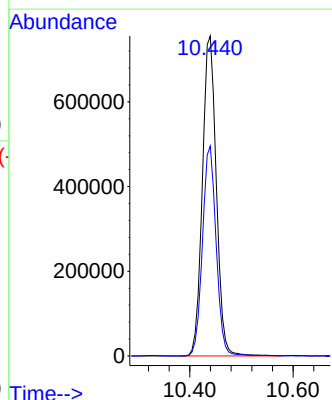
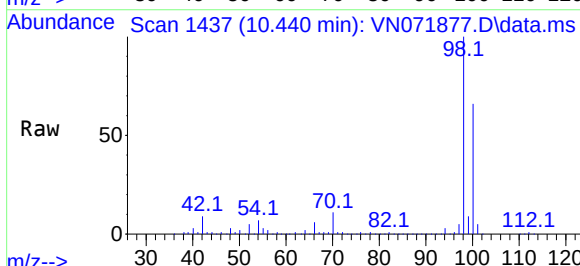
Acq: 06 Apr 2022 14:18

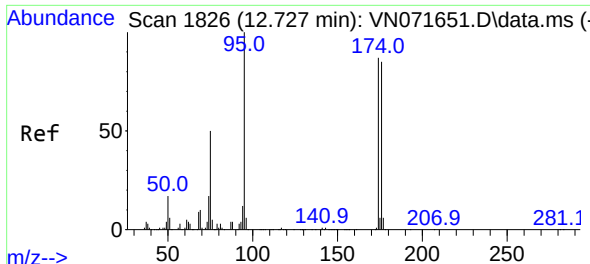
Tgt Ion: 98 Resp: 1413794

Ion Ratio Lower Upper

98 100

100 64.2 52.6 78.8

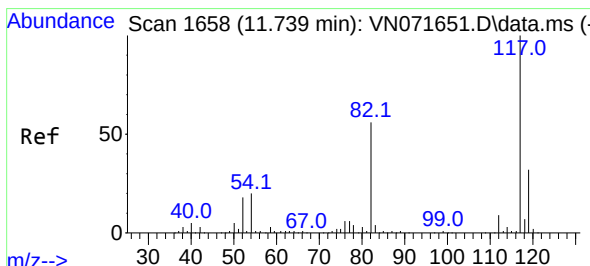
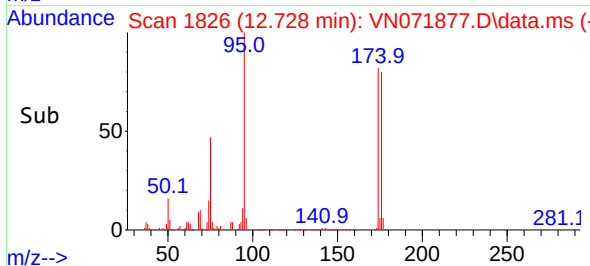
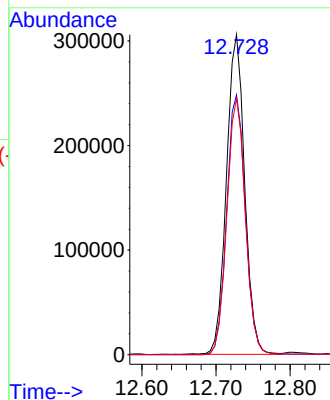
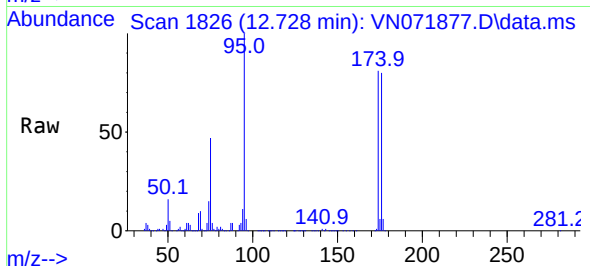




#62
4-Bromofluorobenzene
Concen: 61.004 ug/l
RT: 12.728 min Scan# 1826
Delta R.T. 0.001 min
Lab File: VN071877.D
Acq: 06 Apr 2022 14:18

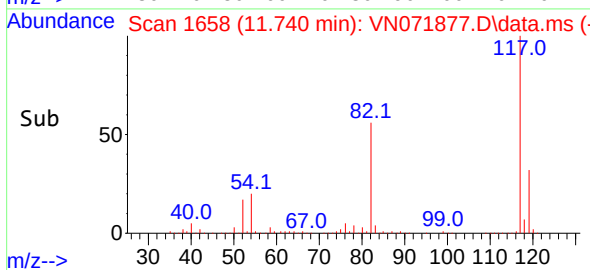
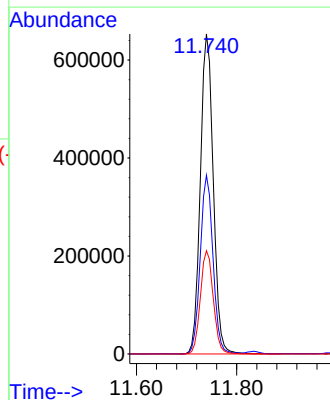
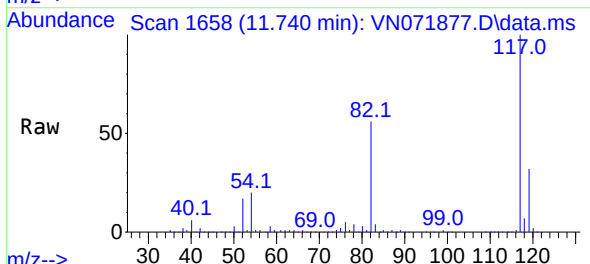
Instrument :
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WC-14A-1A-4-GR-15

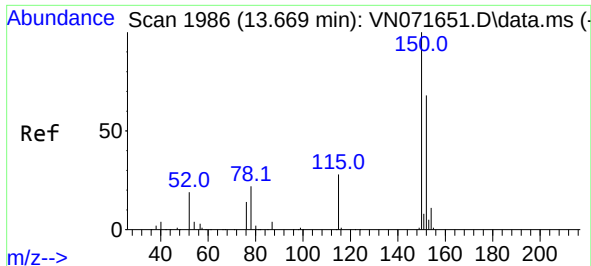
Tgt Ion: 95 Resp: 522614
Ion Ratio Lower Upper
95 100
174 83.5 0.0 167.6
176 80.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.740 min Scan# 1658
Delta R.T. 0.001 min
Lab File: VN071877.D
Acq: 06 Apr 2022 14:18

Tgt Ion: 117 Resp: 1169102
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.2
119 32.3 25.4 38.0

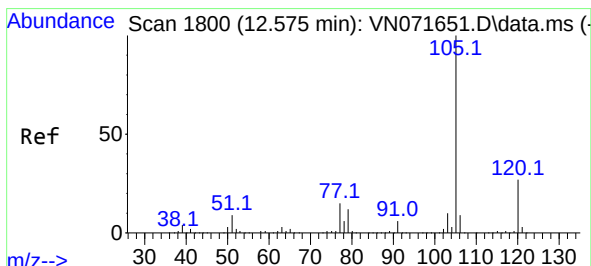
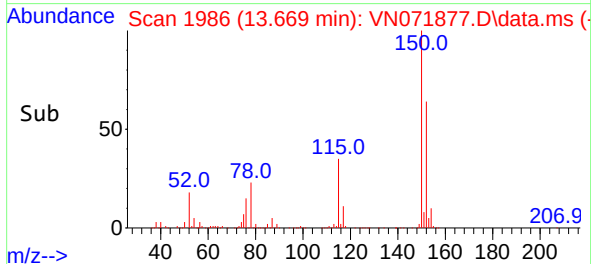
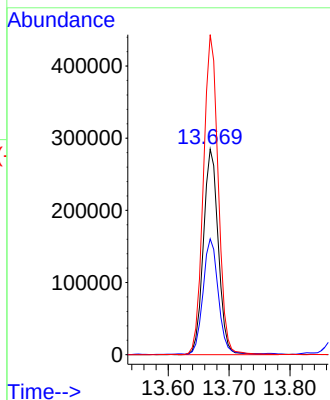
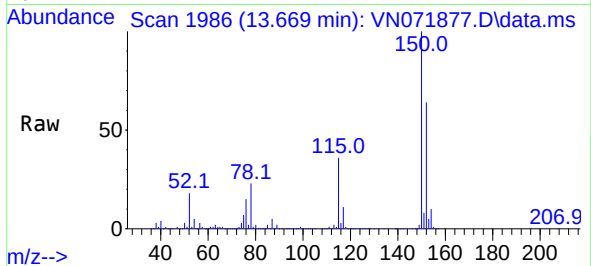




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071877.D
Acq: 06 Apr 2022 14:18

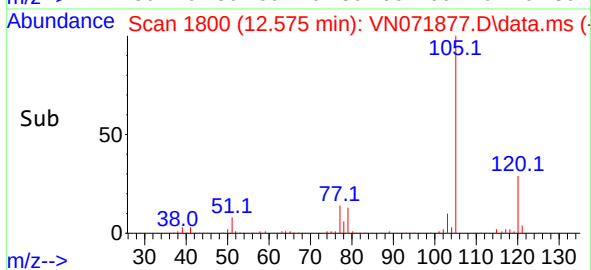
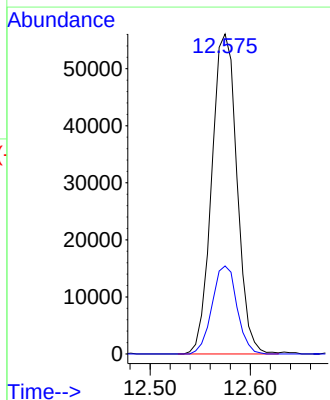
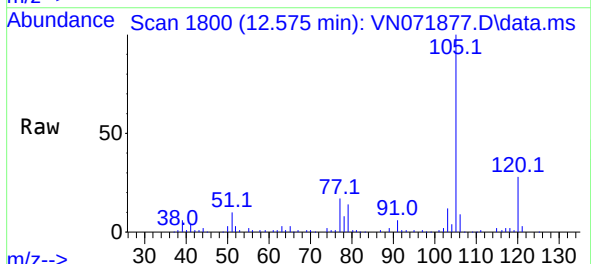
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-GR-15

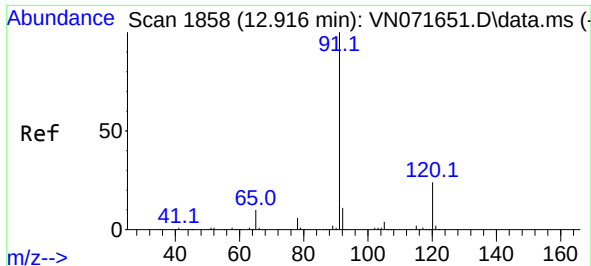
Tgt Ion:152 Resp: 485221
Ion Ratio Lower Upper
152 100
115 57.9 28.9 86.7
150 154.6 0.0 356.2



#73
Isopropylbenzene
Concen: 2.397 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071877.D
Acq: 06 Apr 2022 14:18

Tgt Ion:105 Resp: 98006
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4

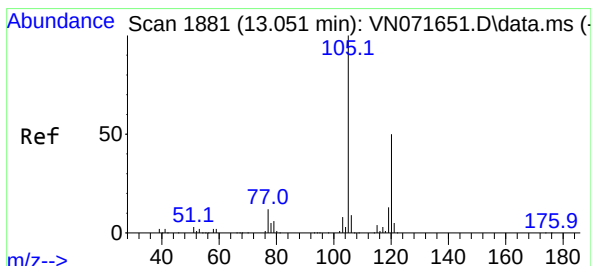
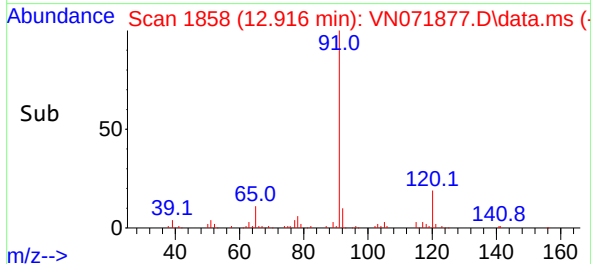
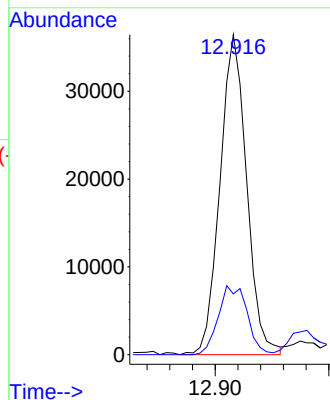
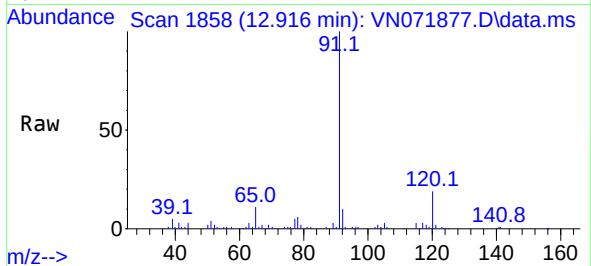




#78
n-propylbenzene
Concen: 1.381 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071877.D
Acq: 06 Apr 2022 14:18

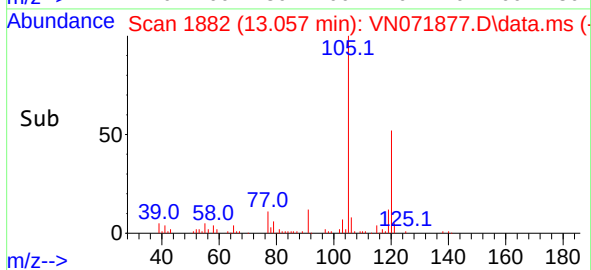
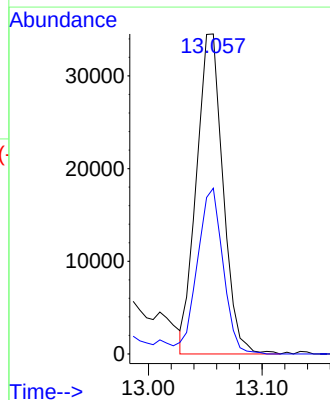
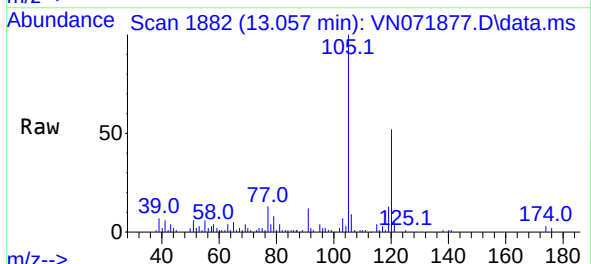
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-GR-15

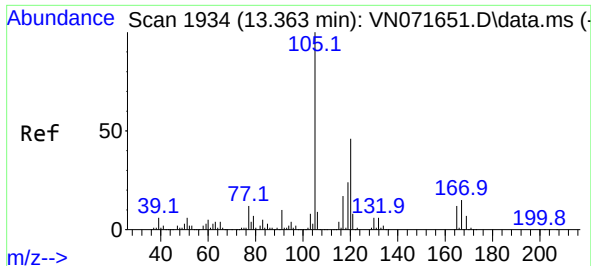
Tgt Ion: 91 Resp: 59379
Ion Ratio Lower Upper
91 100
120 23.3 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 1.734 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071877.D
Acq: 06 Apr 2022 14:18

Tgt Ion: 105 Resp: 56169
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.7

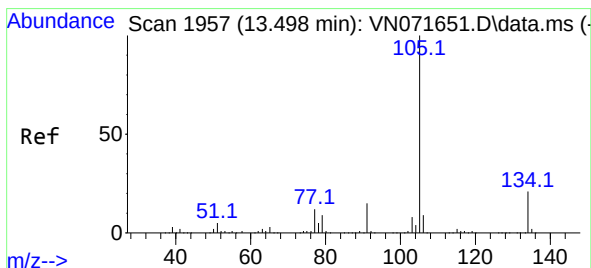
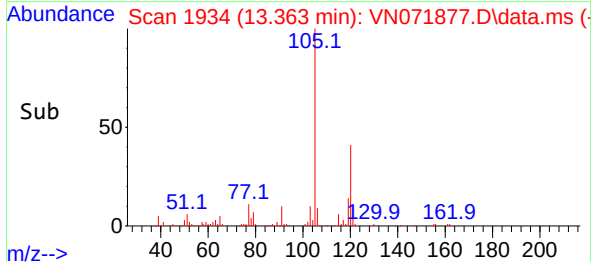
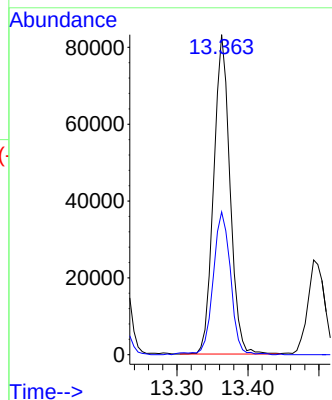
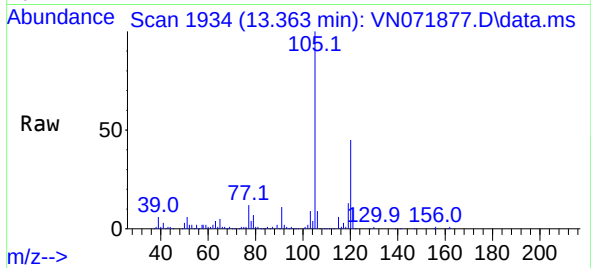




#84
1,2,4-Trimethylbenzene
Concen: 4.191 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071877.D
Acq: 06 Apr 2022 14:18

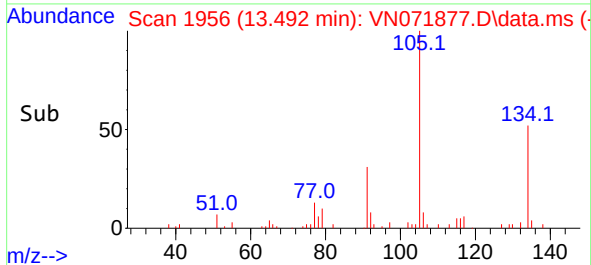
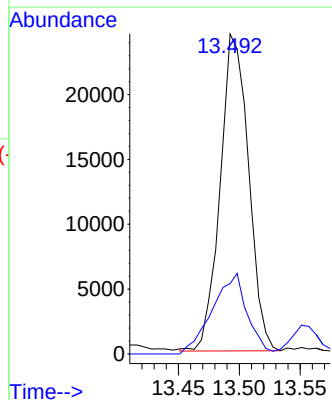
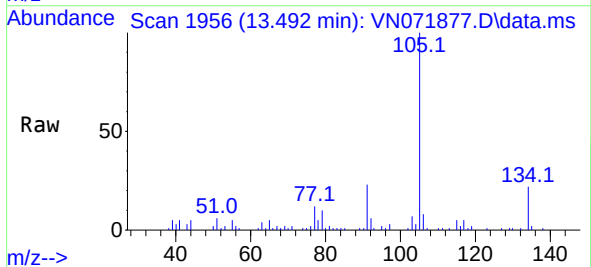
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-GR-15

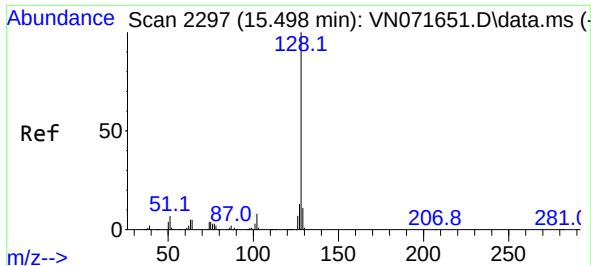
Tgt Ion:105 Resp: 132471
Ion Ratio Lower Upper
105 100
120 47.2 23.3 69.8



#85
sec-Butylbenzene
Concen: 1.033 ug/l
RT: 13.492 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VN071877.D
Acq: 06 Apr 2022 14:18

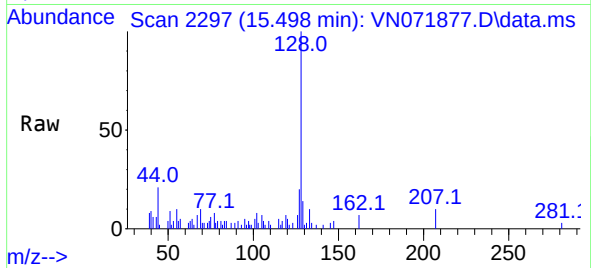
Tgt Ion:105 Resp: 39652
Ion Ratio Lower Upper
105 100
134 31.1 10.4 31.1#





#95
Naphthalene
Concen: 4.384 ug/l
RT: 15.498 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN071877.D
Acq: 06 Apr 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-GR-15



Tgt Ion:	128	Resp:	13898
Ion	Ratio	Lower	Upper
128	100		
127	18.7	10.3	15.5#
129	7.9	8.6	13.0#

