

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
 Data File : VN073059.D
 Acq On : 23 Jun 2022 19:30
 Operator : JC\MD
 Sample : N3431-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

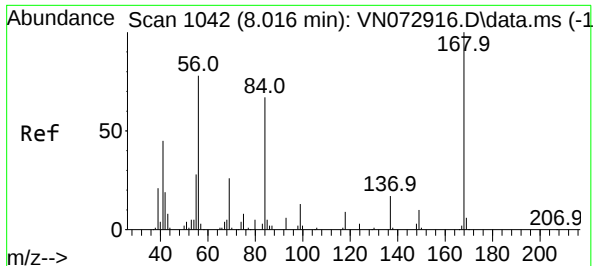
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14B-2-3

Quant Time: Jun 24 01:20:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.022	168	325063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	537924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	481625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	237001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	196459	44.703	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.400%		
35) Dibromofluoromethane	7.951	113	166207	49.989	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.980%		
50) Toluene-d8	10.374	98	556615	44.990	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.980%		
62) 4-Bromofluorobenzene	12.668	95	246400	55.386	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.780%		
Target Compounds						Qvalue
16) Acetone	4.234	43	63349	26.223	ug/l	98
18) Methyl Acetate	4.792	43	9179	1.427	ug/l #	84
20) Methylene Chloride	5.010	84	33853	8.836	ug/l	95
31) Cyclohexane	8.016	56	24422	4.108	ug/l #	80
37) Ethyl Acetate	7.345	43	51658	7.179	ug/l	96
39) Methylcyclohexane	9.392	83	33262	6.134	ug/l	96
40) Benzene	8.386	78	18488	1.308	ug/l	95
43) Isopropyl Acetate	8.492	43	214192	20.823	ug/l #	87
73) Isopropylbenzene	12.515	105	214720	11.711	ug/l	99
78) n-propylbenzene	12.857	91	211123	10.468	ug/l	99
83) tert-Butylbenzene	13.257	119	19069	1.382	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	40783	2.719	ug/l	97
85) sec-Butylbenzene	13.433	105	89214	4.849	ug/l	82
89) n-Butylbenzene	13.880	91	27185	2.235	ug/l #	78

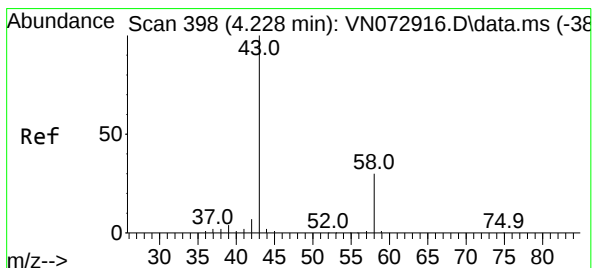
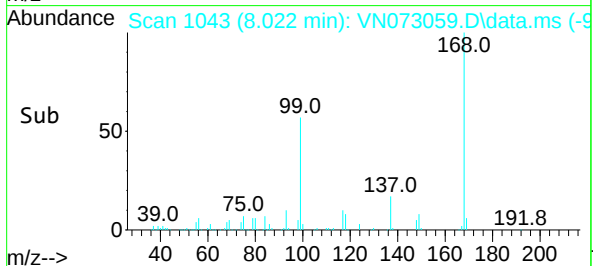
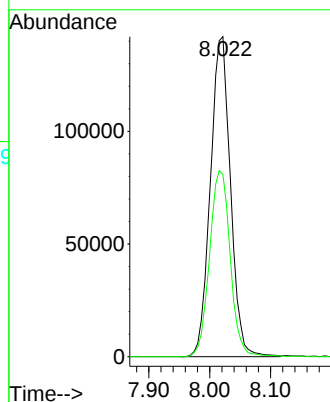
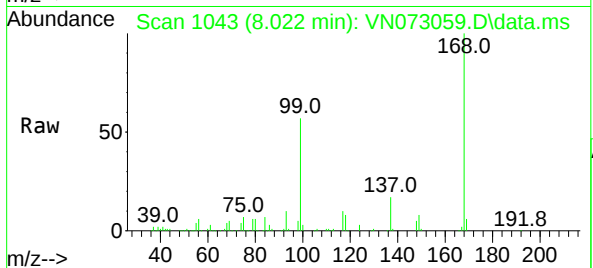
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN073059.D
Acq: 23 Jun 2022 19:30

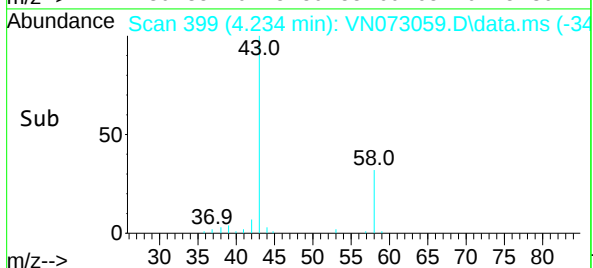
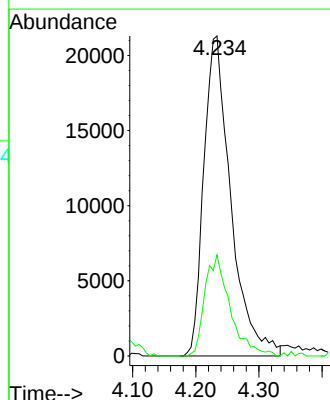
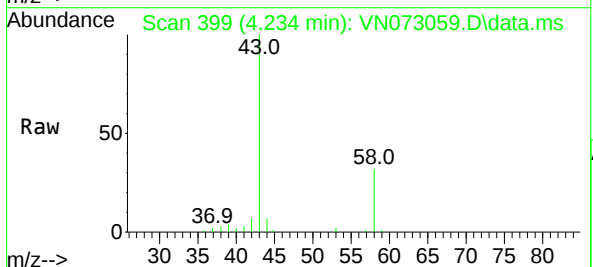
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-3

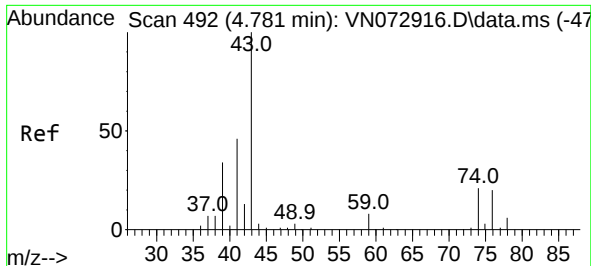
Tgt Ion:168 Resp: 325063
Ion Ratio Lower Upper
168 100
99 57.0 42.3 63.5



#16
Acetone
Concen: 26.223 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.006 min
Lab File: VN073059.D
Acq: 23 Jun 2022 19:30

Tgt Ion: 43 Resp: 63349
Ion Ratio Lower Upper
43 100
58 31.6 26.0 39.0

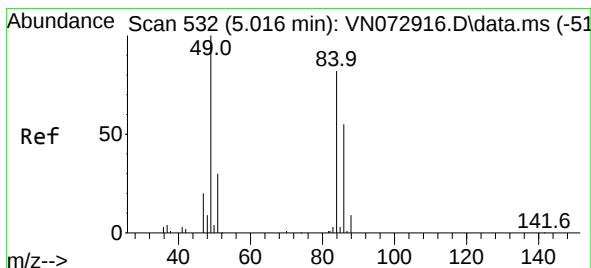
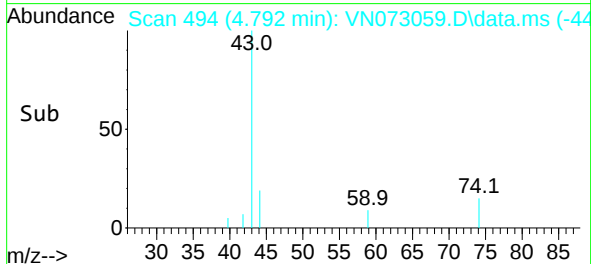
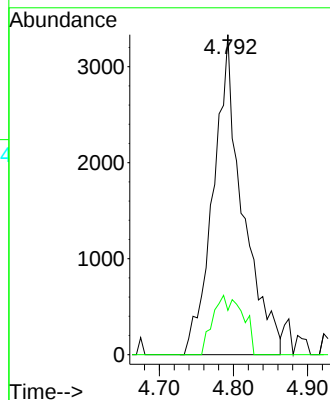
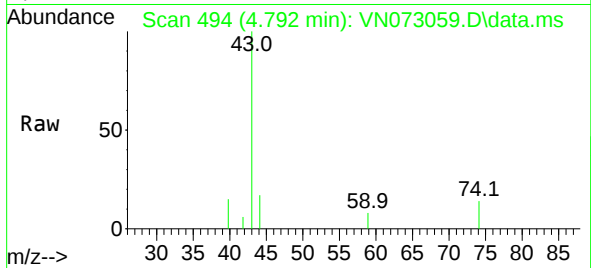




#18
Methyl Acetate
Concen: 1.427 ug/l
RT: 4.792 min Scan# 492
Delta R.T. 0.012 min
Lab File: VN073059.D
Acq: 23 Jun 2022 19:30

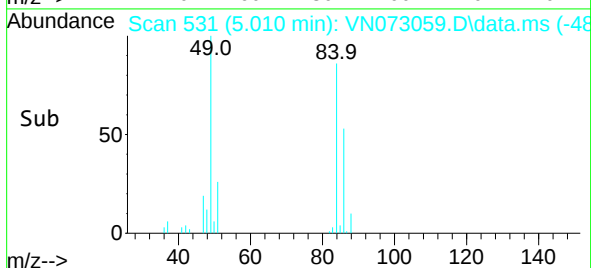
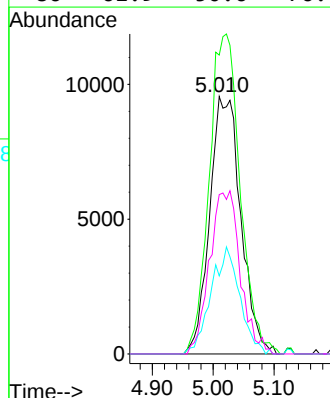
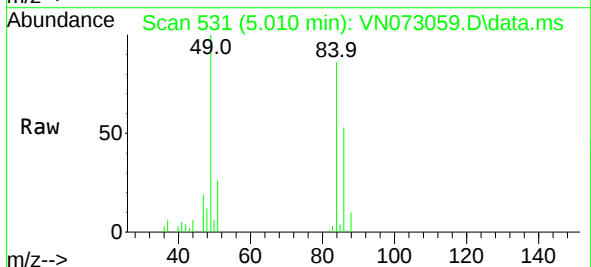
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-3

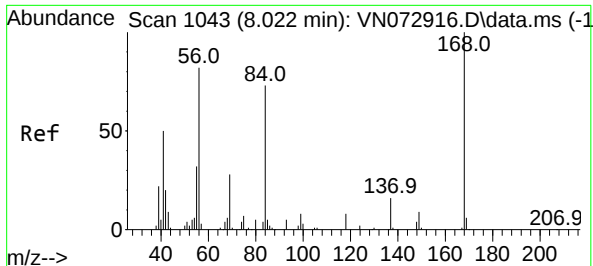
Tgt Ion: 43 Resp: 9179
Ion Ratio Lower Upper
43 100
74 18.8 21.6 32.4#



#20
Methylene Chloride
Concen: 8.836 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN073059.D
Acq: 23 Jun 2022 19:30

Tgt Ion: 84 Resp: 33853
Ion Ratio Lower Upper
84 100
49 116.1 88.3 132.5
51 30.3 28.2 42.2
86 61.9 50.6 76.0

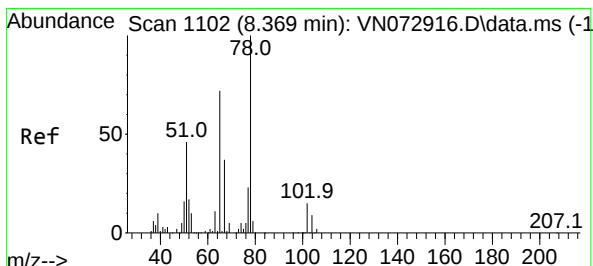
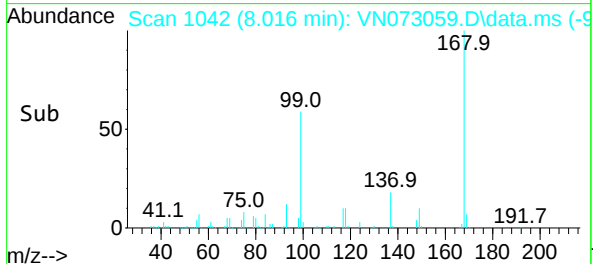
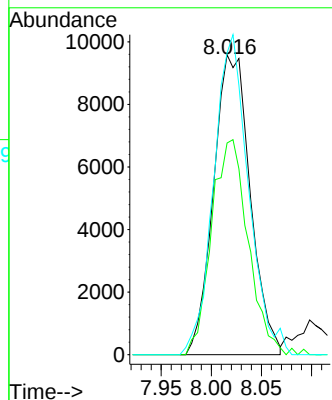
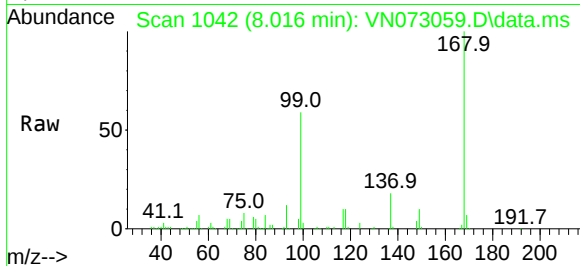




#31
Cyclohexane
Concen: 4.108 ug/l
RT: 8.016 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VN073059.D
Acq: 23 Jun 2022 19:30

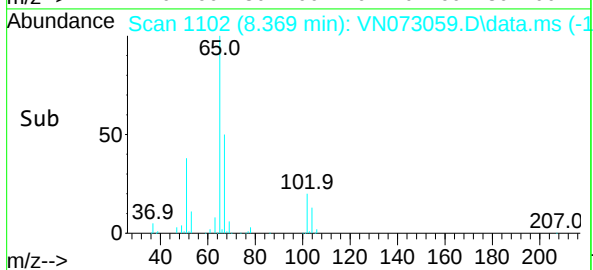
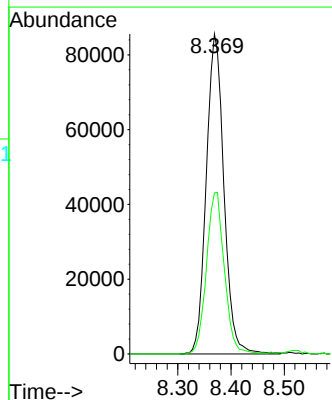
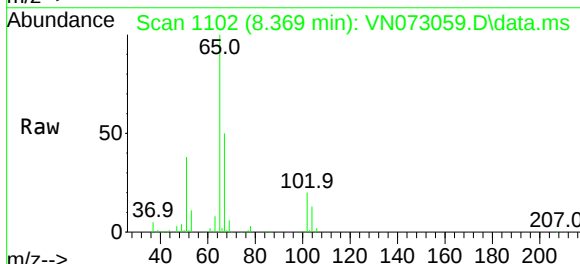
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-3

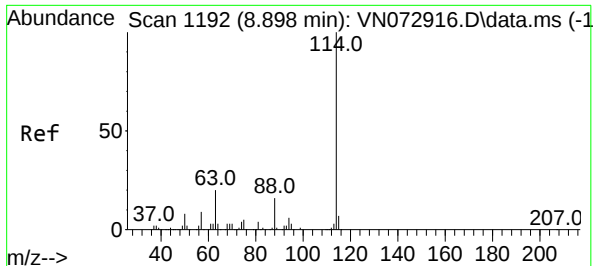
Tgt Ion: 56 Resp: 24422
Ion Ratio Lower Upper
56 100
69 70.6 27.8 41.8#
84 100.6 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 44.703 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073059.D
Acq: 23 Jun 2022 19:30

Tgt Ion: 65 Resp: 196459
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.8

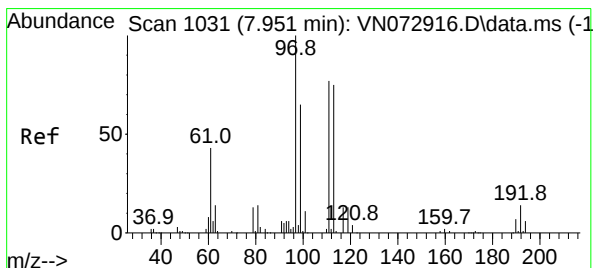
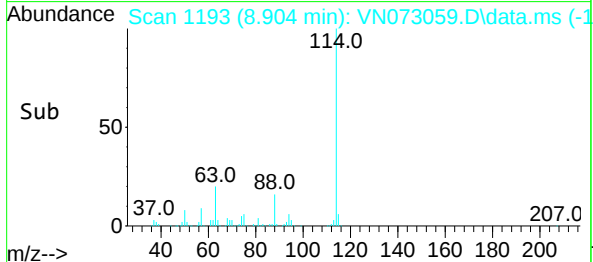
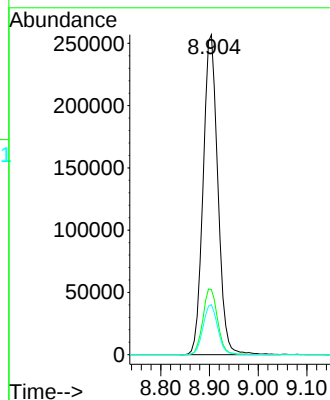
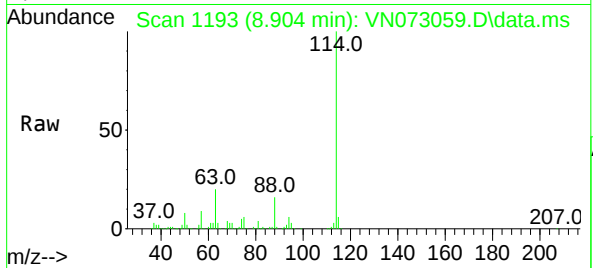




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VN073059.D
Acq: 23 Jun 2022 19:30

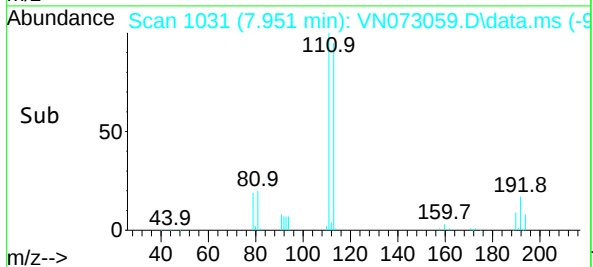
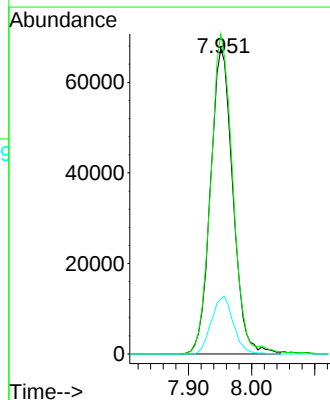
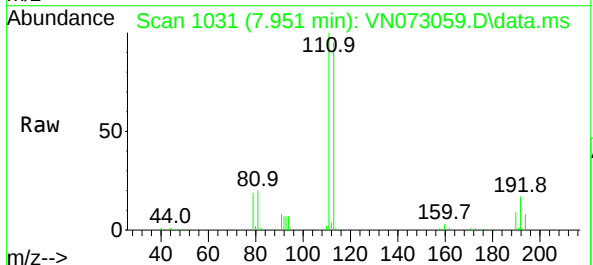
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-3

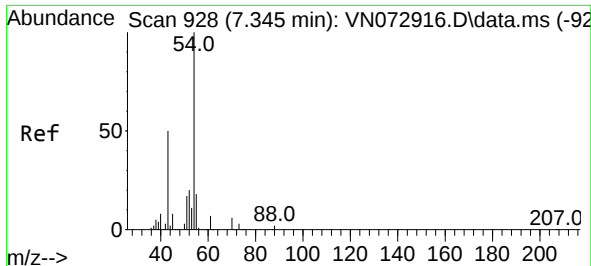
Tgt Ion:114 Resp: 537924
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.0
88 15.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.989 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VN073059.D
Acq: 23 Jun 2022 19:30

Tgt Ion:113 Resp: 166207
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.0
192 18.5 17.0 25.6

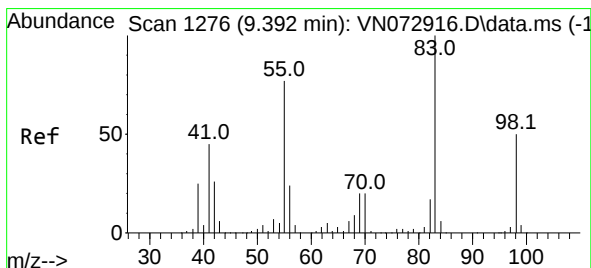
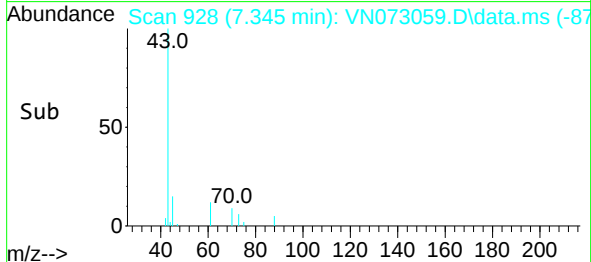
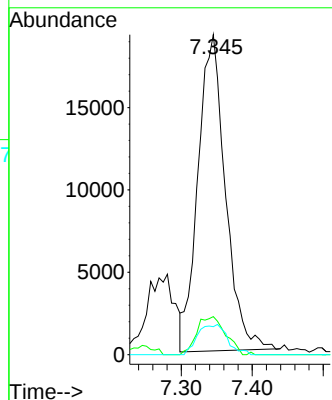
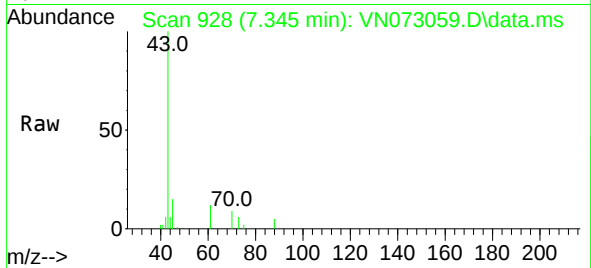




#37
Ethyl Acetate
Concen: 7.179 ug/l
RT: 7.345 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073059.D
Acq: 23 Jun 2022 19:30

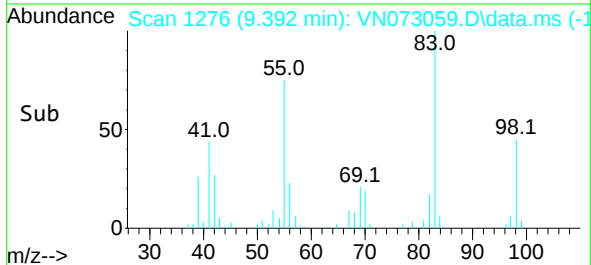
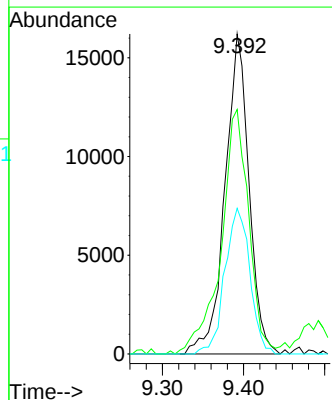
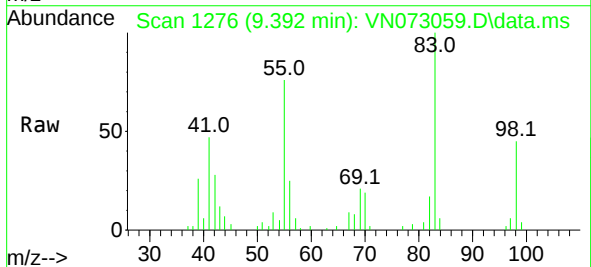
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-3

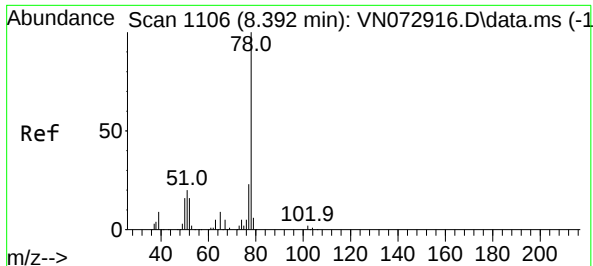
Tgt Ion: 43	Resp: 51658
Ion Ratio	Lower Upper
43 100	
61 12.5	11.8 17.6
70 10.3	9.3 13.9



#39
Methylcyclohexane
Concen: 6.134 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. -0.000 min
Lab File: VN073059.D
Acq: 23 Jun 2022 19:30

Tgt Ion: 83	Resp: 33262
Ion Ratio	Lower Upper
83 100	
55 75.2	57.8 86.8
98 45.5	39.4 59.2

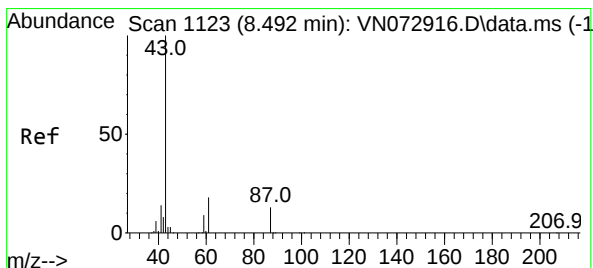
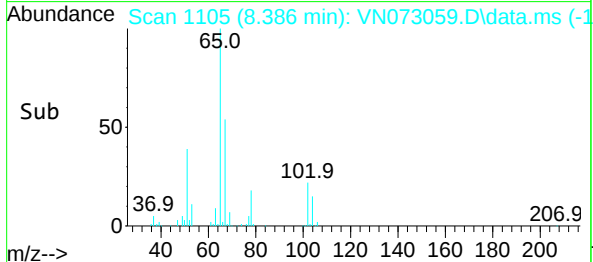
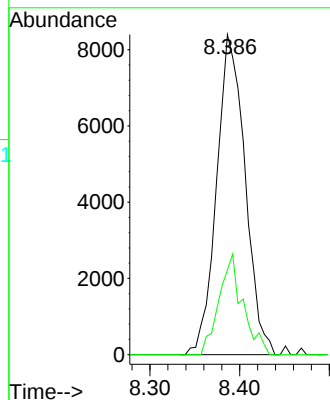
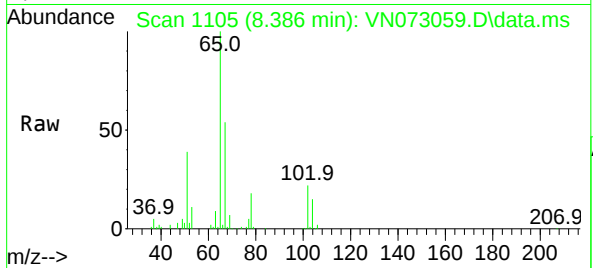




#40
Benzene
Concen: 1.308 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN073059.D
Acq: 23 Jun 2022 19:30

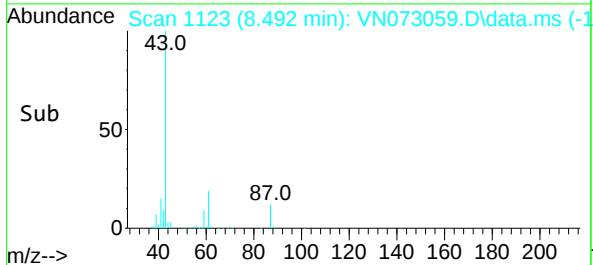
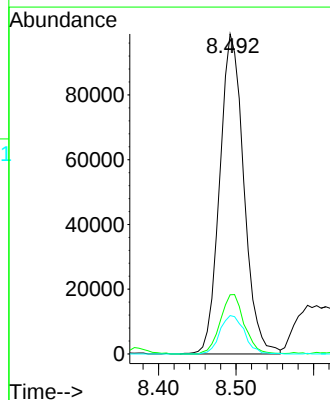
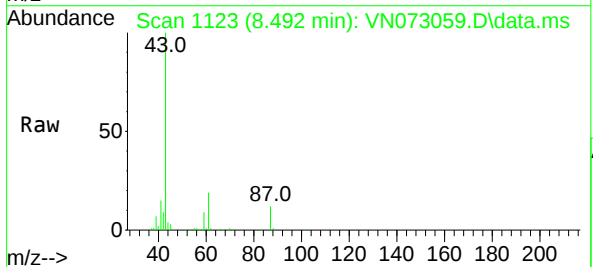
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-3

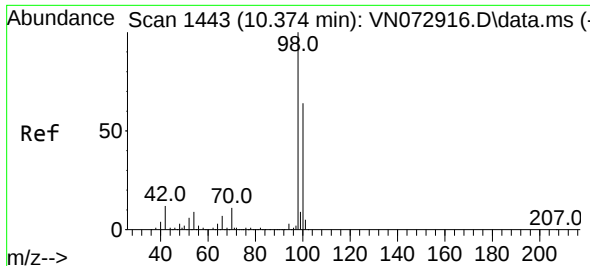
Tgt Ion: 78 Resp: 18488
Ion Ratio Lower Upper
78 100
77 26.4 19.4 29.0



#43
Isopropyl Acetate
Concen: 20.823 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN073059.D
Acq: 23 Jun 2022 19:30

Tgt Ion: 43 Resp: 214192
Ion Ratio Lower Upper
43 100
61 18.5 21.9 32.9#
87 12.2 12.0 18.0

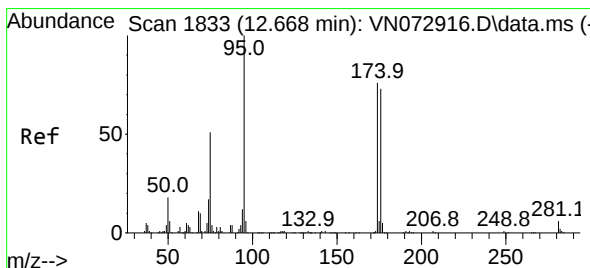
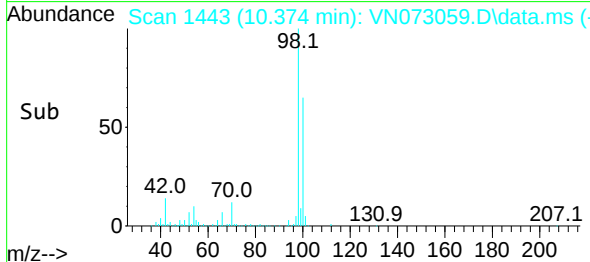
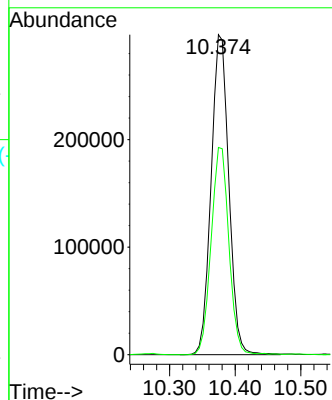
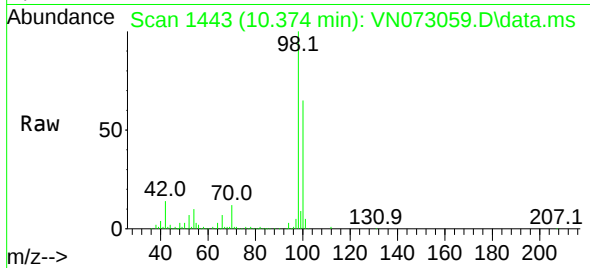




#50
Toluene-d8
Concen: 44.990 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073059.D
Acq: 23 Jun 2022 19:30

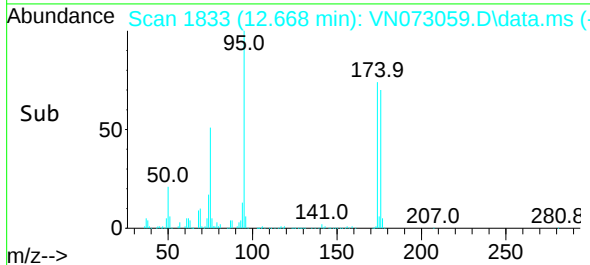
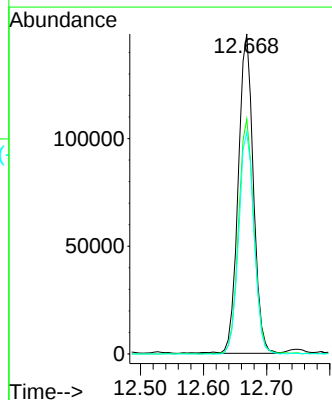
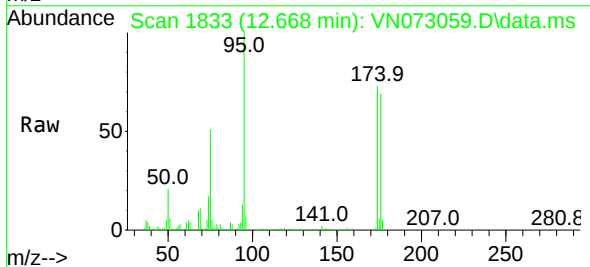
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-3

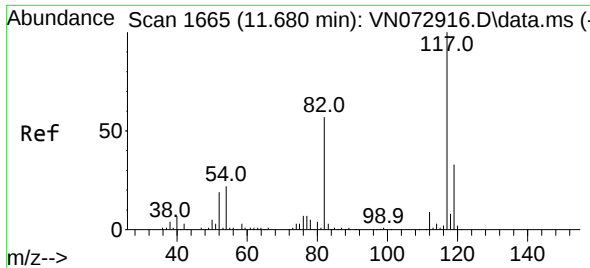
Tgt Ion: 98 Resp: 556615
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 55.386 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073059.D
Acq: 23 Jun 2022 19:30

Tgt Ion: 95 Resp: 246400
Ion Ratio Lower Upper
95 100
174 75.0 0.0 167.6
176 70.5 0.0 163.4

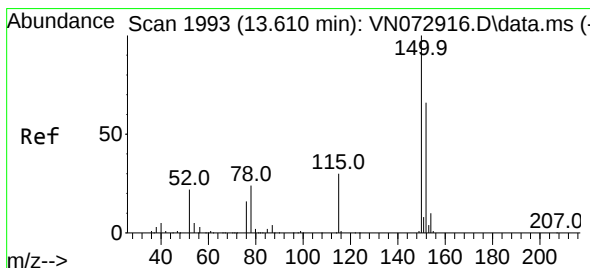
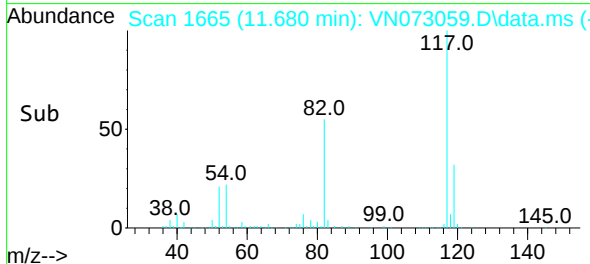
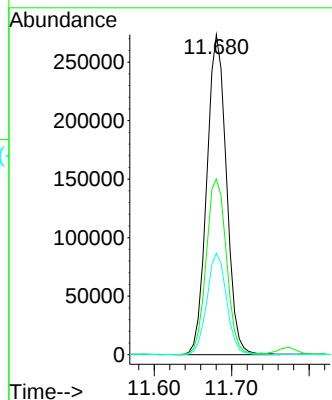
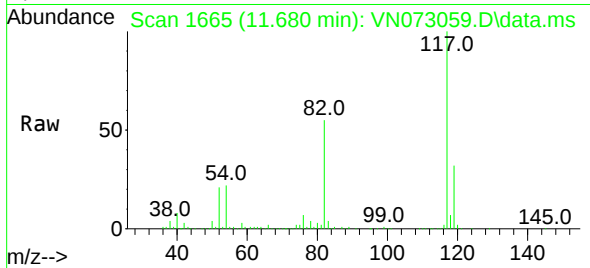




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VN073059.D
Acq: 23 Jun 2022 19:30

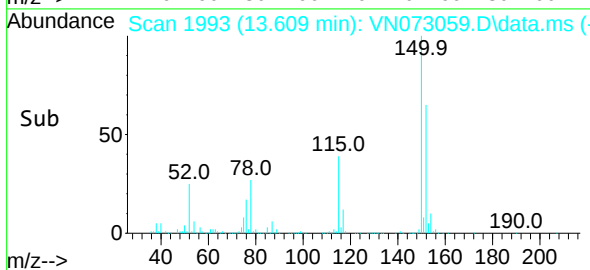
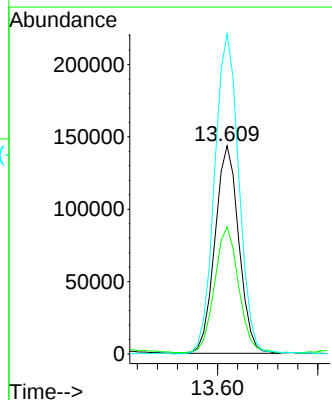
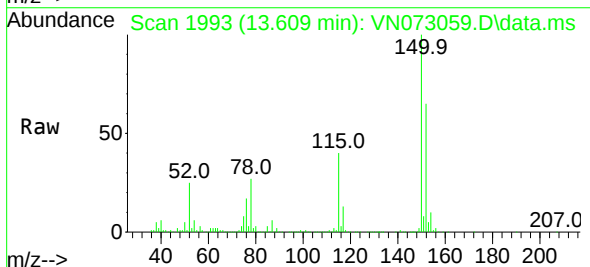
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-3

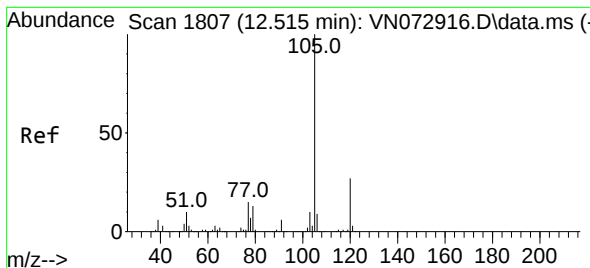
Tgt Ion:117 Resp: 481625
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.609 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073059.D
Acq: 23 Jun 2022 19:30

Tgt Ion:152 Resp: 237001
Ion Ratio Lower Upper
152 100
115 61.6 28.9 86.7
150 157.8 0.0 356.2





#73

Isopropylbenzene

Concen: 11.711 ug/l

RT: 12.515 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN073059.D

Acq: 23 Jun 2022 19:30

Instrument :

MSVOA_N

ClientSampleId :

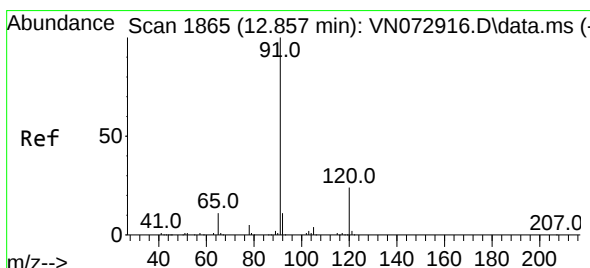
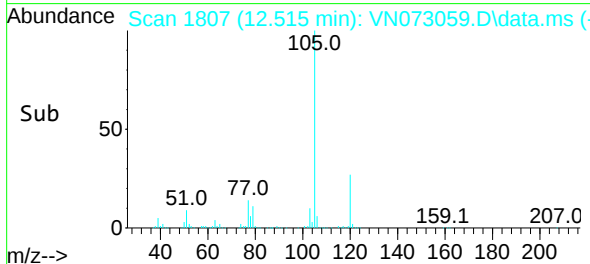
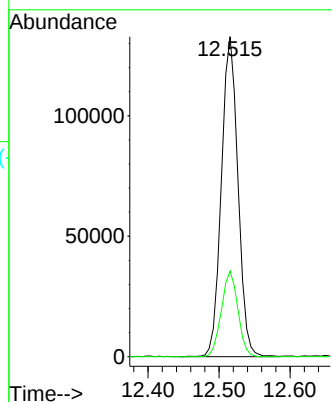
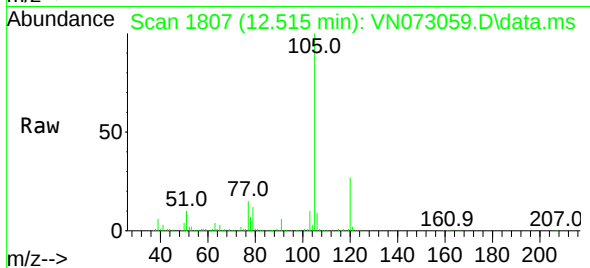
WC-14B-2-3

Tgt Ion:105 Resp: 214720

Ion Ratio Lower Upper

105 100

120 26.4 13.5 40.4



#78

n-propylbenzene

Concen: 10.468 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.000 min

Lab File: VN073059.D

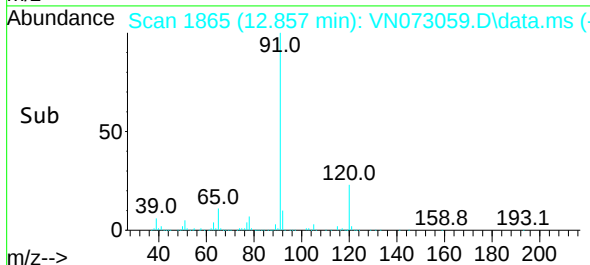
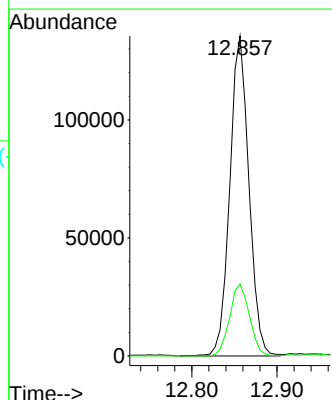
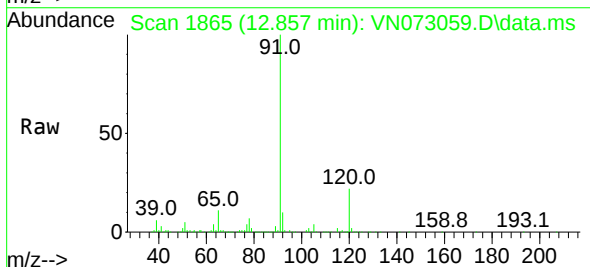
Acq: 23 Jun 2022 19:30

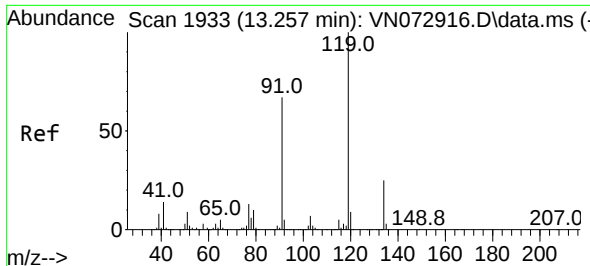
Tgt Ion: 91 Resp: 211123

Ion Ratio Lower Upper

91 100

120 23.3 11.9 35.5

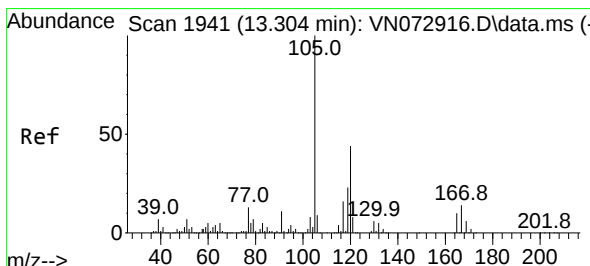
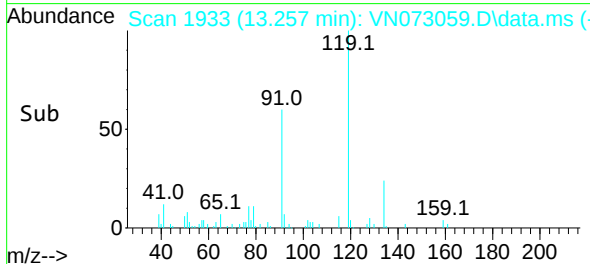
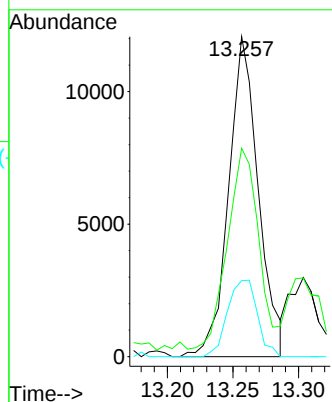
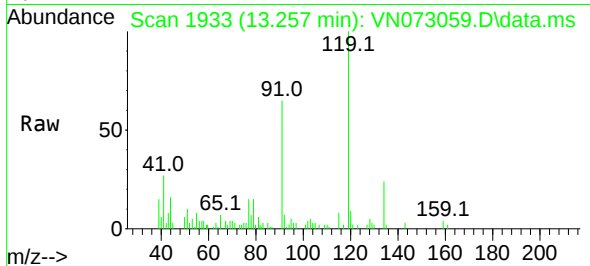




#83
tert-Butylbenzene
Concen: 1.382 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. -0.000 min
Lab File: VN073059.D
Acq: 23 Jun 2022 19:30

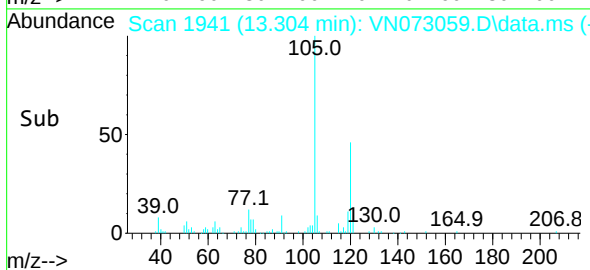
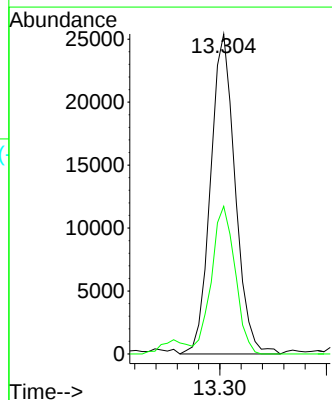
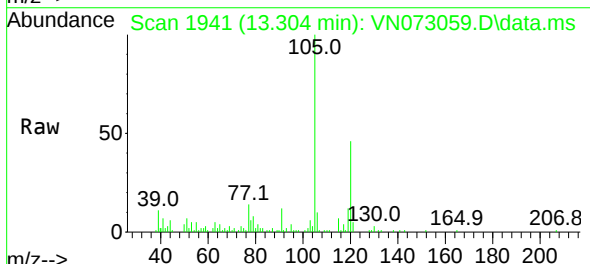
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-3

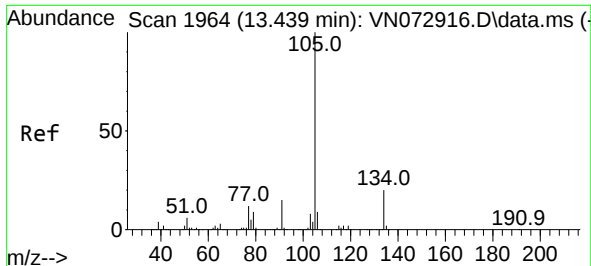
Tgt Ion:119 Resp: 19069
Ion Ratio Lower Upper
119 100
91 64.9 31.6 94.8
134 24.0 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 2.719 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN073059.D
Acq: 23 Jun 2022 19:30

Tgt Ion:105 Resp: 40783
Ion Ratio Lower Upper
105 100
120 44.2 23.3 69.8

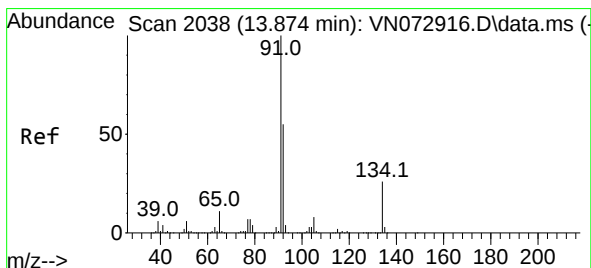
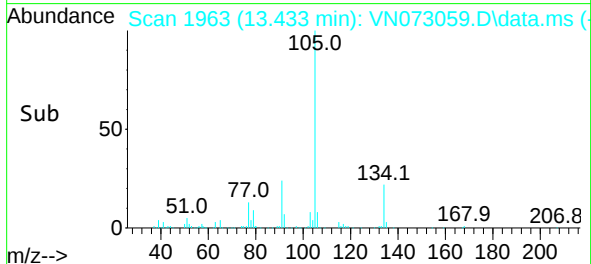
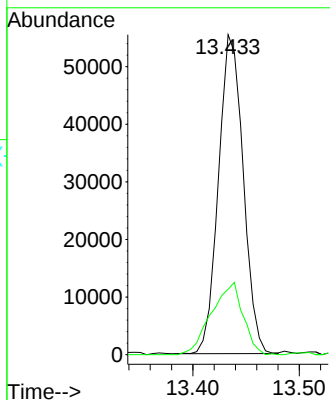
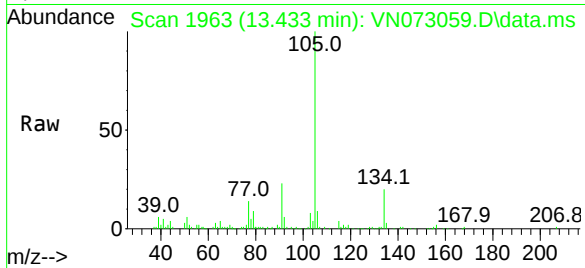




#85
 sec-Butylbenzene
 Concen: 4.849 ug/l
 RT: 13.433 min Scan# 1963
 Delta R.T. -0.006 min
 Lab File: VN073059.D
 Acq: 23 Jun 2022 19:30

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14B-2-3

Tgt Ion:105 Resp: 89214
 Ion Ratio Lower Upper
 105 100
 134 29.0 10.4 31.1



#89
 n-Butylbenzene
 Concen: 2.235 ug/l
 RT: 13.880 min Scan# 2039
 Delta R.T. 0.006 min
 Lab File: VN073059.D
 Acq: 23 Jun 2022 19:30

Tgt Ion: 91 Resp: 27185
 Ion Ratio Lower Upper
 91 100
 92 48.9 26.9 80.7
 134 0.0 13.6 40.8#

