

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
 Data File : VN073061.D
 Acq On : 23 Jun 2022 20:19
 Operator : JC\MD
 Sample : N3431-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Jun 24 01:21:26 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)

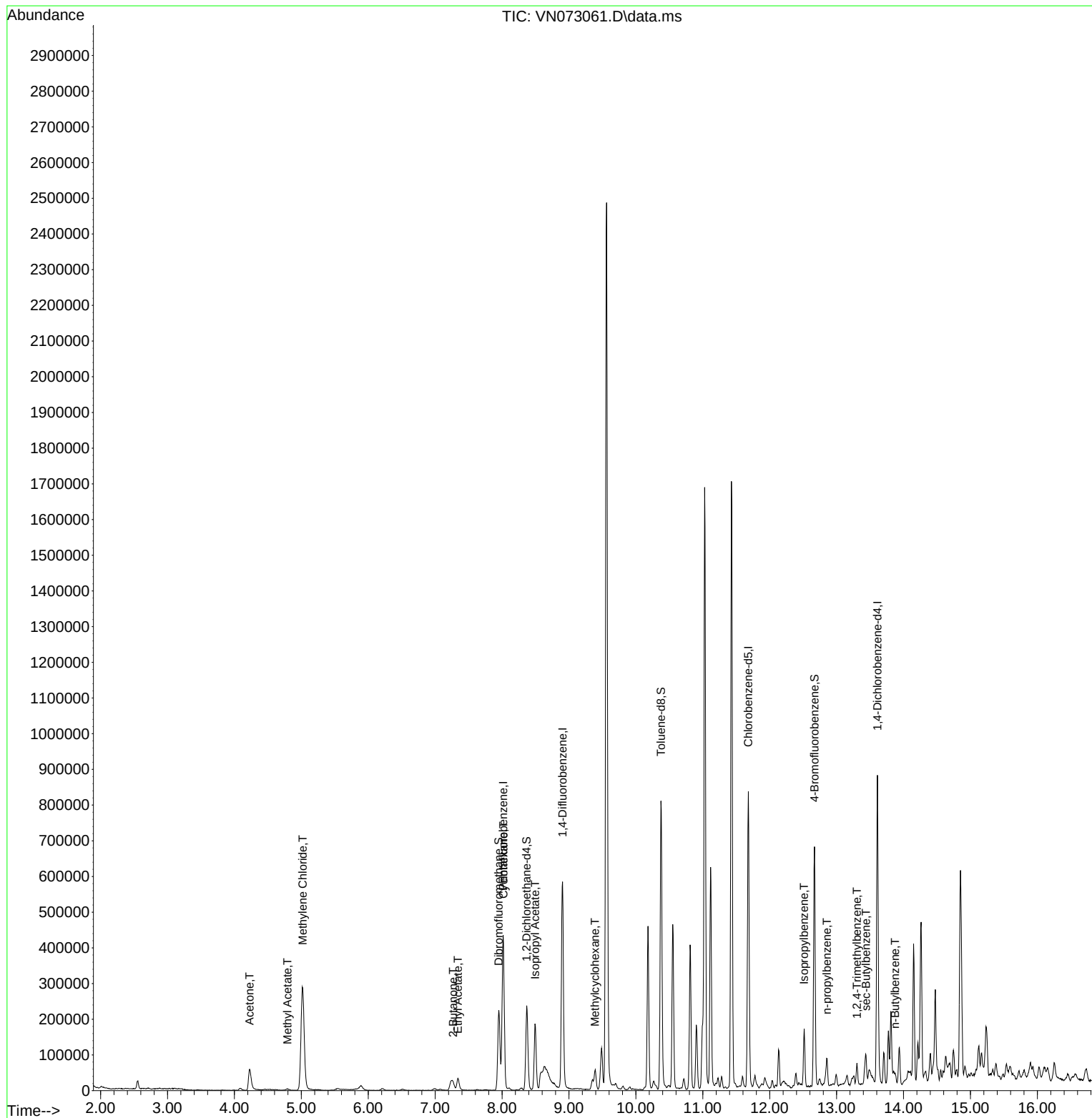
Internal Standards						
1) Pentafluorobenzene	8.016	168	323315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	527088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	472292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	230178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	196424	44.937	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 89.880%			
35) Dibromofluoromethane	7.951	113	167340	51.365	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.720%			
50) Toluene-d8	10.375	98	546497	45.081	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 90.160%			
62) 4-Bromofluorobenzene	12.669	95	237675	54.523	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.040%			
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	114517	47.660	ug/l	96
18) Methyl Acetate	4.793	43	8403	1.313	ug/l	91
20) Methylene Chloride	5.022	84	239357	64.293	ug/l	90
25) 2-Butanone	7.269	43	32301	8.472	ug/l #	89
31) Cyclohexane	8.022	56	12086	2.044	ug/l #	62
37) Ethyl Acetate	7.340	43	50787	7.203	ug/l	99
39) Methylcyclohexane	9.386	83	24030	4.522	ug/l	98
43) Isopropyl Acetate	8.492	43	209295	20.765	ug/l #	88
73) Isopropylbenzene	12.516	105	105496	5.924	ug/l	99
78) n-propylbenzene	12.857	91	62201	3.176	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	33808	2.321	ug/l	97
85) sec-Butylbenzene	13.439	105	54551	3.053	ug/l	83
89) n-Butylbenzene	13.874	91	16236	1.374	ug/l #	75

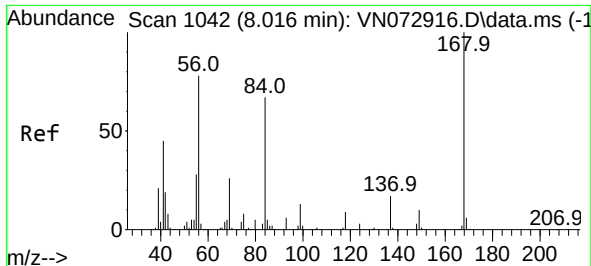
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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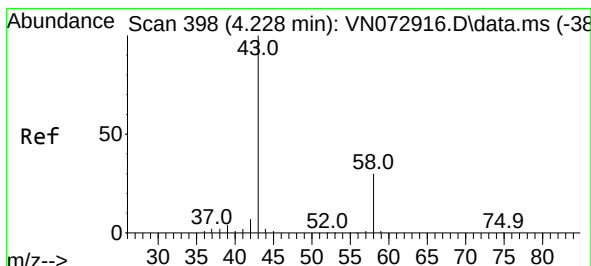
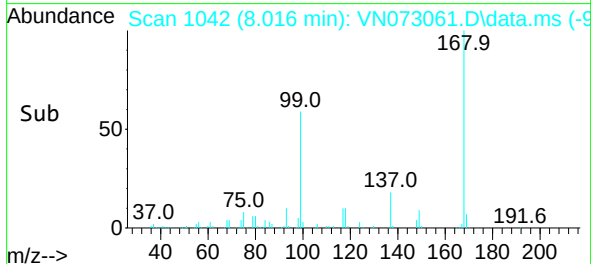
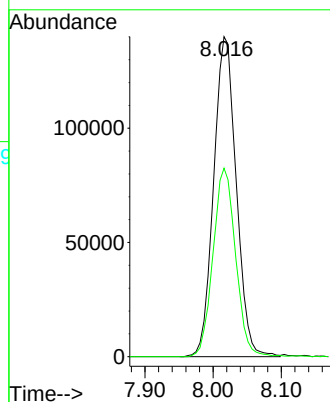
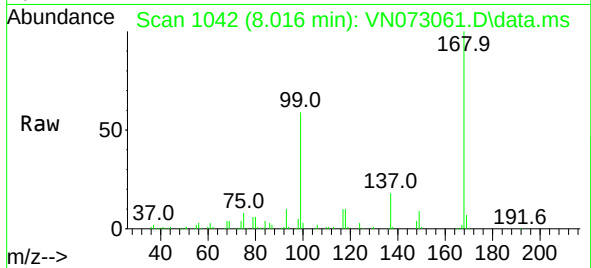




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073061.D
Acq: 23 Jun 2022 20:19

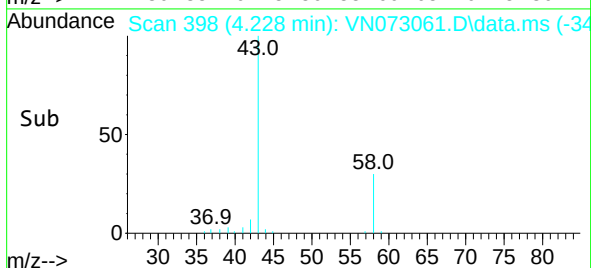
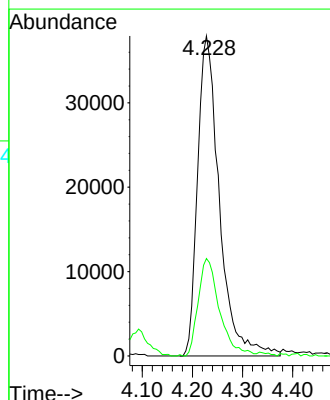
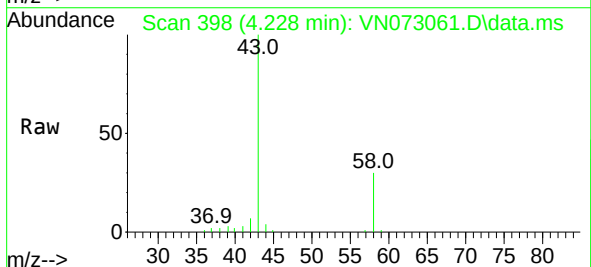
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2

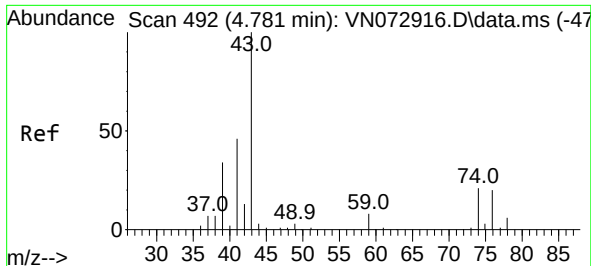
Tgt Ion:168 Resp: 323315
Ion Ratio Lower Upper
168 100
99 58.9 42.3 63.5



#16
Acetone
Concen: 47.660 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: VN073061.D
Acq: 23 Jun 2022 20:19

Tgt Ion: 43 Resp: 114517
Ion Ratio Lower Upper
43 100
58 30.0 26.0 39.0

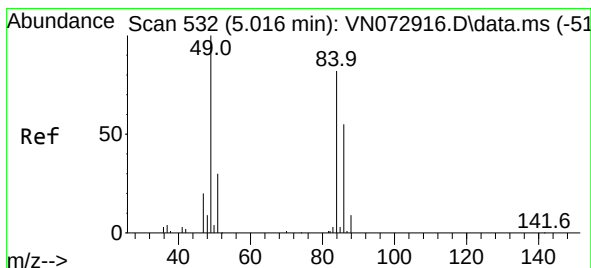
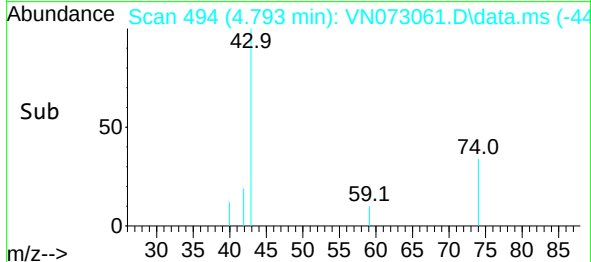
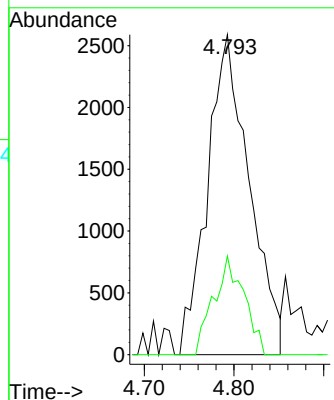
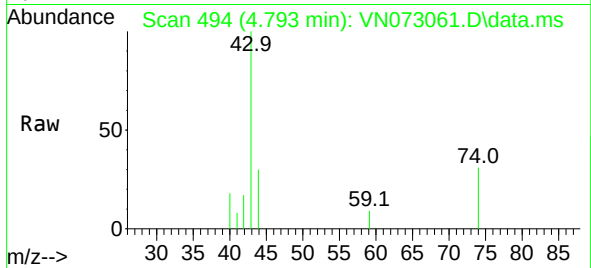




#18
Methyl Acetate
Concen: 1.313 ug/l
RT: 4.793 min Scan# 49
Delta R.T. 0.012 min
Lab File: VN073061.D
Acq: 23 Jun 2022 20:19

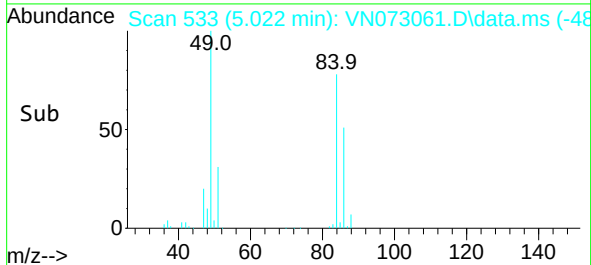
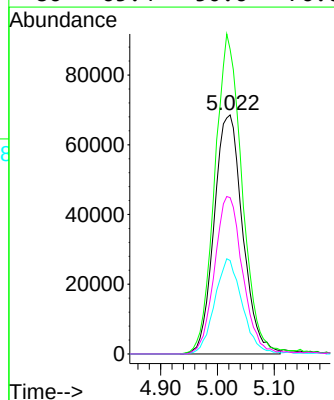
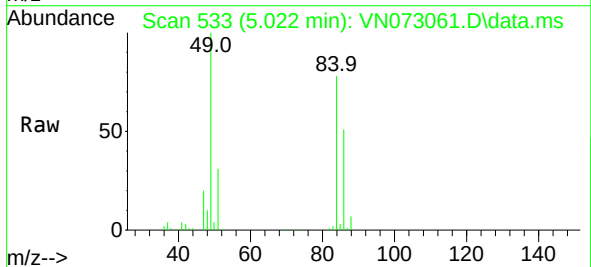
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2

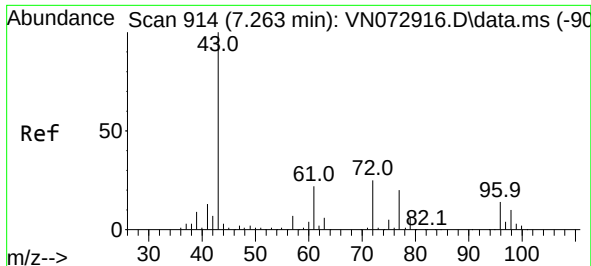
Tgt Ion: 43 Resp: 8403
Ion Ratio Lower Upper
43 100
74 22.3 21.6 32.4



#20
Methylene Chloride
Concen: 64.293 ug/l
RT: 5.022 min Scan# 533
Delta R.T. 0.006 min
Lab File: VN073061.D
Acq: 23 Jun 2022 20:19

Tgt Ion: 84 Resp: 239357
Ion Ratio Lower Upper
84 100
49 127.4 88.3 132.5
51 39.1 28.2 42.2
86 65.4 50.6 76.0

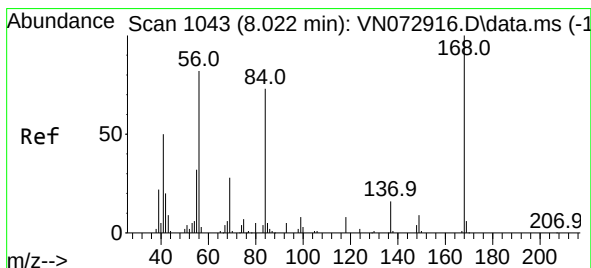
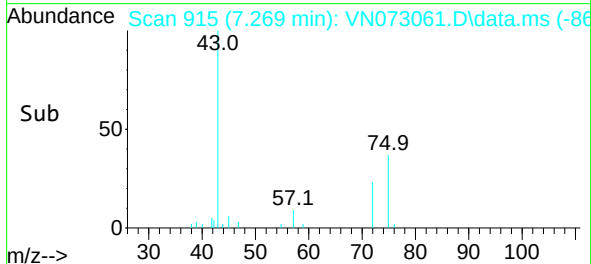
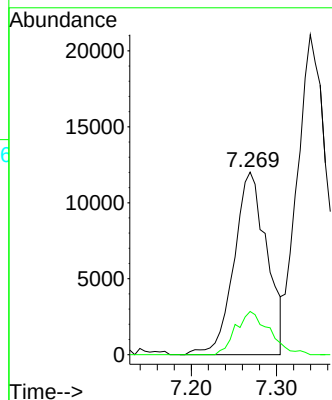
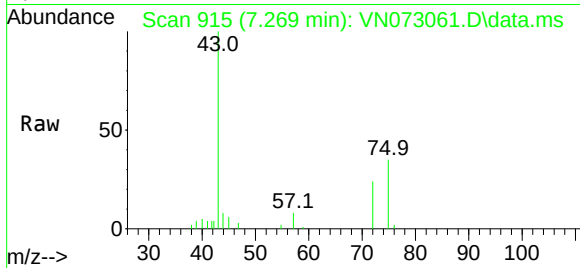




#25
2-Butanone
Concen: 8.472 ug/l
RT: 7.269 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN073061.D
Acq: 23 Jun 2022 20:19

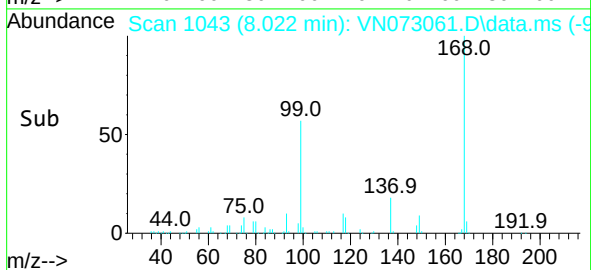
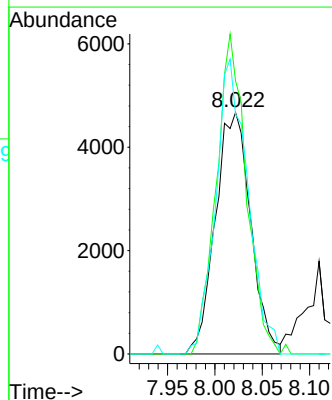
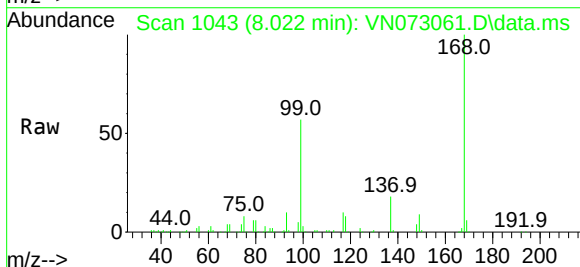
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2

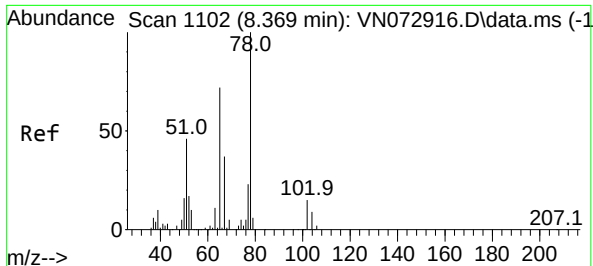
Tgt Ion: 43 Resp: 32301
Ion Ratio Lower Upper
43 100
72 23.7 23.7 35.5#



#31
Cyclohexane
Concen: 2.044 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073061.D
Acq: 23 Jun 2022 20:19

Tgt Ion: 56 Resp: 12086
Ion Ratio Lower Upper
56 100
69 113.0 27.8 41.8#
84 99.3 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 44.937 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073061.D

Acq: 23 Jun 2022 20:19

Instrument :

MSVOA_N

ClientSampleId :

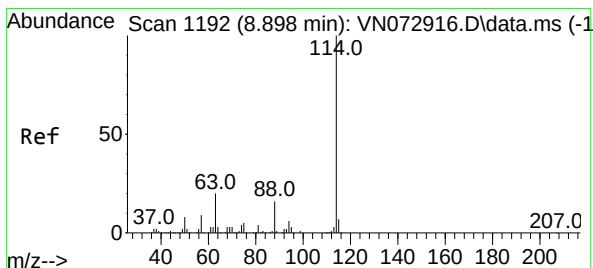
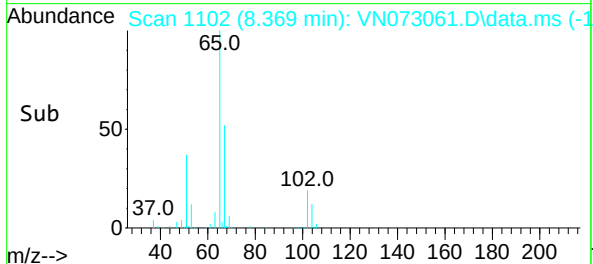
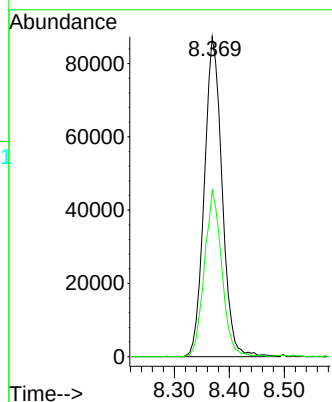
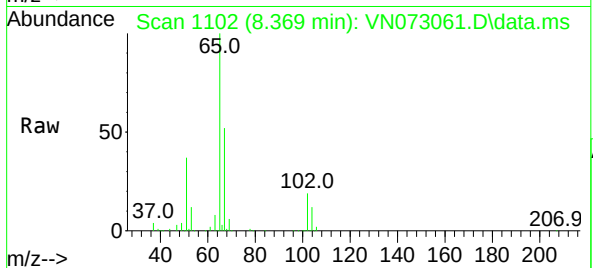
WC-14B-2-2

Tgt Ion: 65 Resp: 196424

Ion Ratio Lower Upper

65 100

67 50.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073061.D

Acq: 23 Jun 2022 20:19

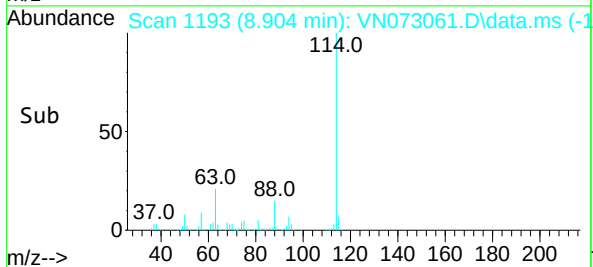
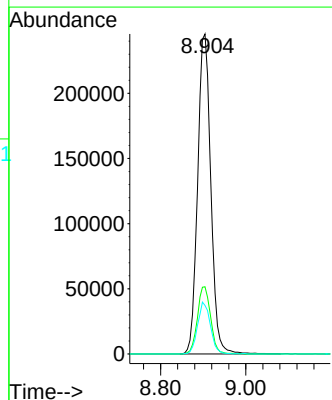
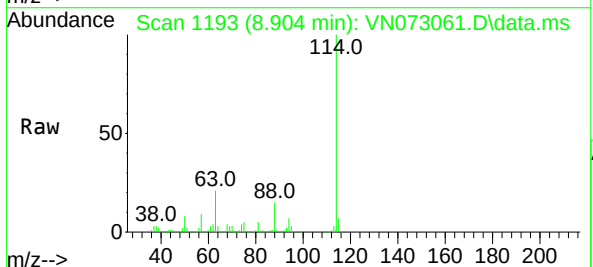
Tgt Ion: 114 Resp: 527088

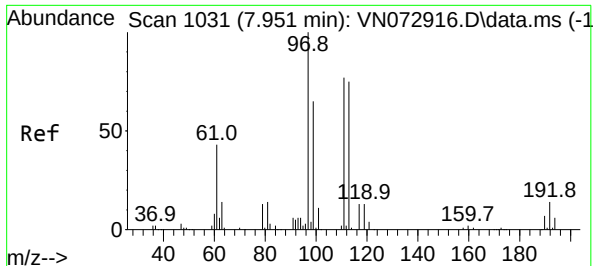
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

88 15.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.365 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073061.D

Acq: 23 Jun 2022 20:19

Instrument :

MSVOA_N

ClientSampleId :

WC-14B-2-2

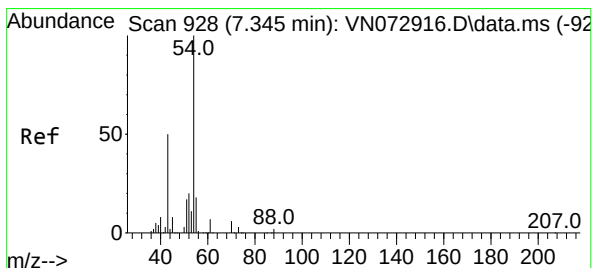
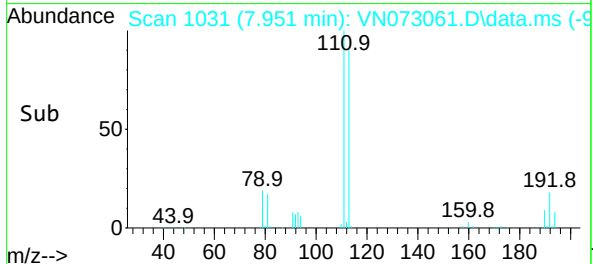
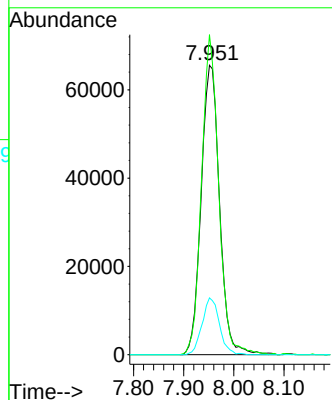
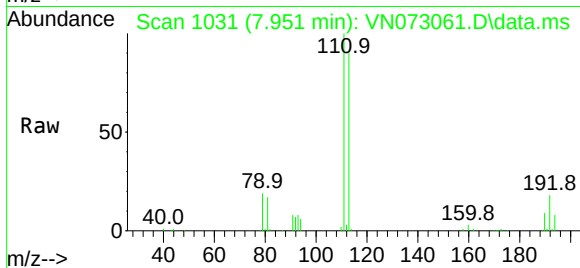
Tgt Ion:113 Resp: 167340

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 18.5 17.0 25.6



#37

Ethyl Acetate

Concen: 7.203 ug/l

RT: 7.340 min Scan# 927

Delta R.T. -0.006 min

Lab File: VN073061.D

Acq: 23 Jun 2022 20:19

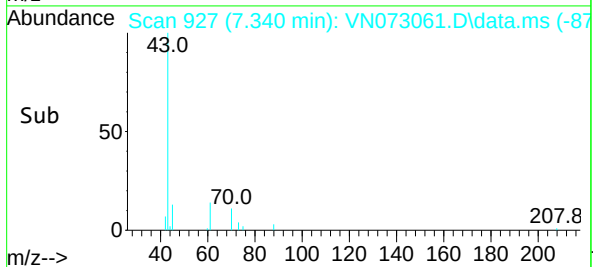
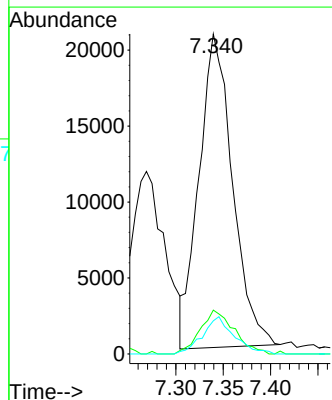
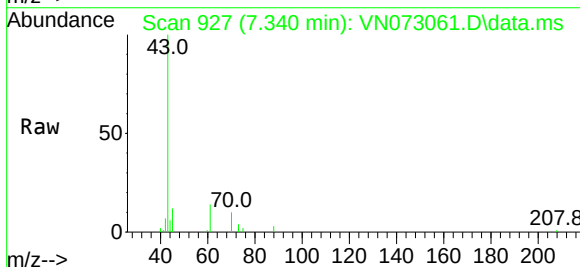
Tgt Ion: 43 Resp: 50787

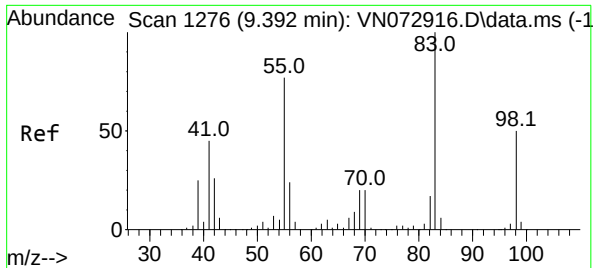
Ion Ratio Lower Upper

43 100

61 14.2 11.8 17.6

70 11.1 9.3 13.9

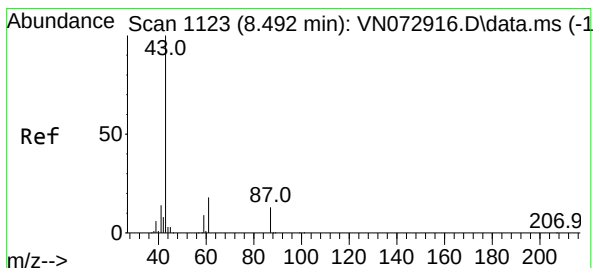
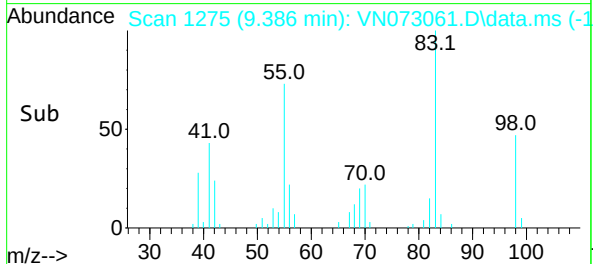
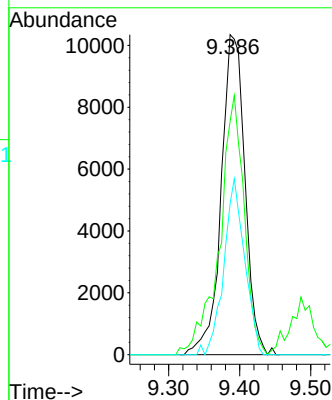
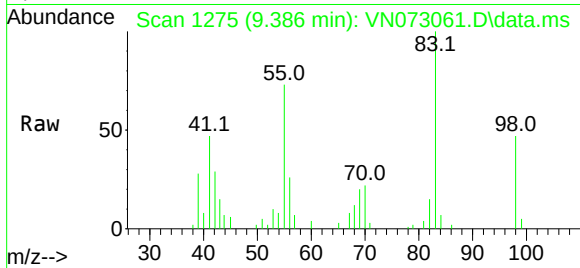




#39
Methylcyclohexane
Concen: 4.522 ug/l
RT: 9.386 min Scan# 11275
Delta R.T. -0.006 min
Lab File: VN073061.D
Acq: 23 Jun 2022 20:19

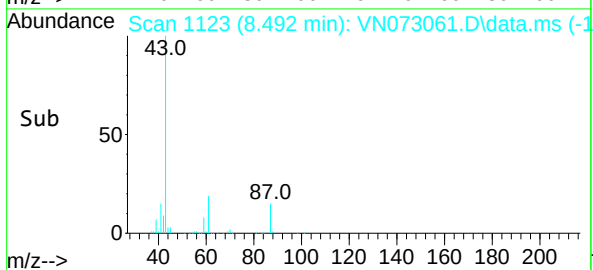
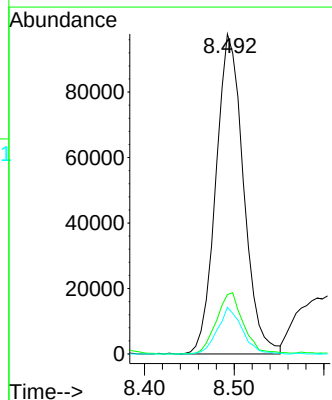
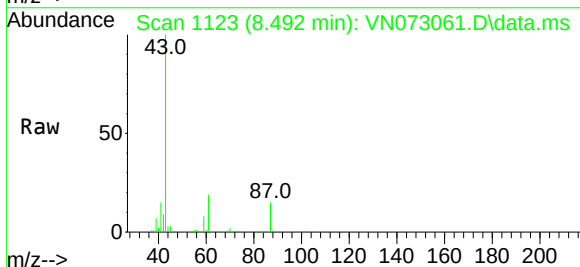
Instrument :
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WC-14B-2-2

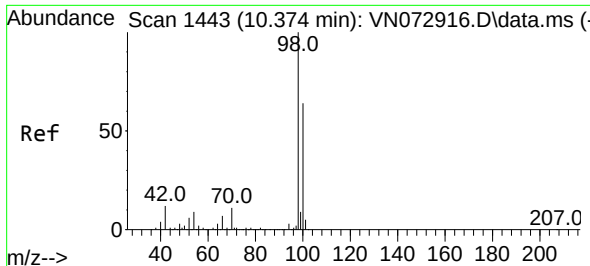
Tgt Ion: 83	Resp: 24030
Ion Ratio	Lower Upper
83 100	
55 70.8	57.8 86.8
98 47.2	39.4 59.2



#43
Isopropyl Acetate
Concen: 20.765 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073061.D
Acq: 23 Jun 2022 20:19

Tgt Ion: 43	Resp: 209295
Ion Ratio	Lower Upper
43 100	
61 18.7	21.9 32.9#
87 13.0	12.0 18.0

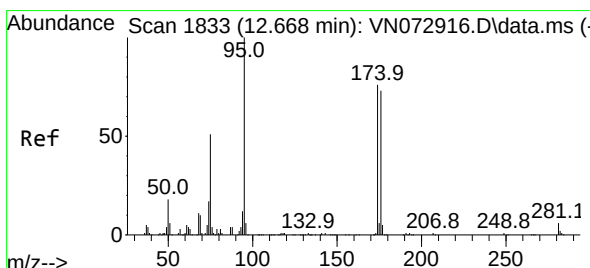
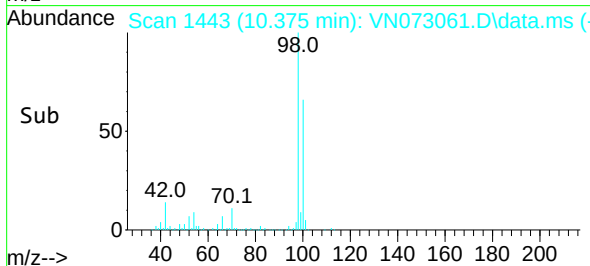
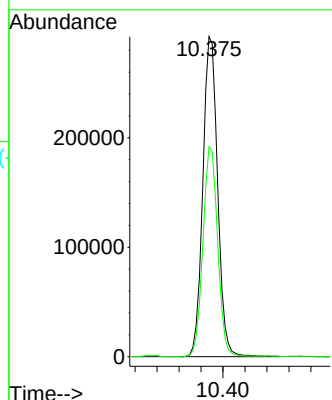
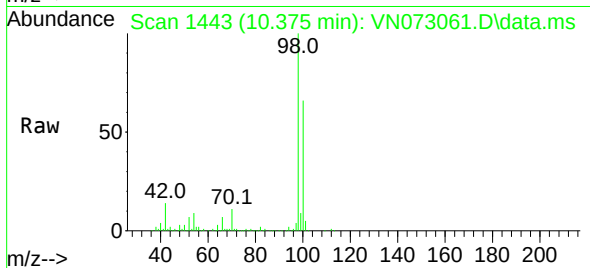




#50
Toluene-d8
Concen: 45.081 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073061.D
Acq: 23 Jun 2022 20:19

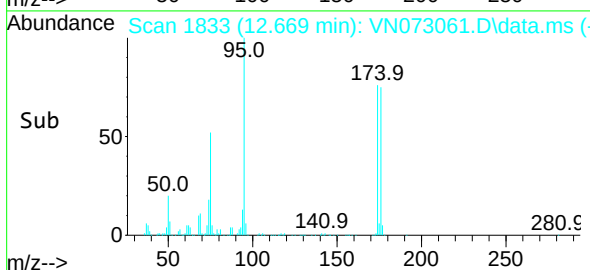
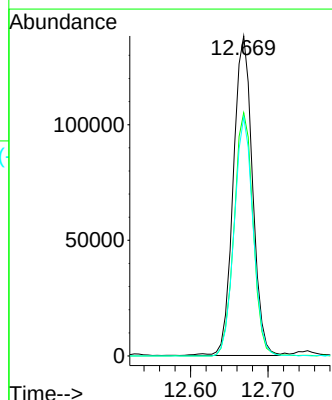
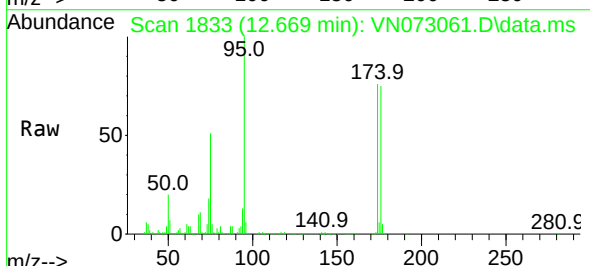
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2

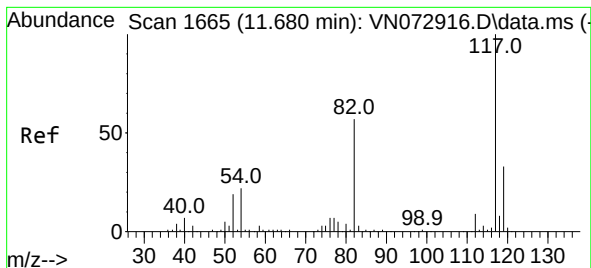
Tgt Ion: 98 Resp: 546497
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 54.523 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073061.D
Acq: 23 Jun 2022 20:19

Tgt Ion: 95 Resp: 237675
Ion Ratio Lower Upper
95 100
174 75.1 0.0 167.6
176 73.5 0.0 163.4

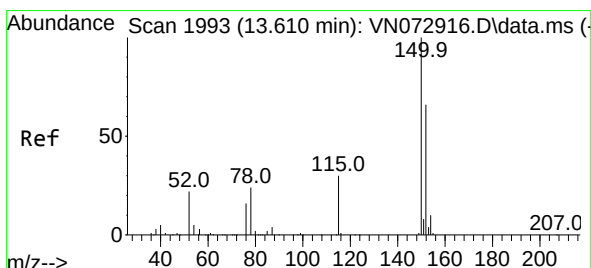
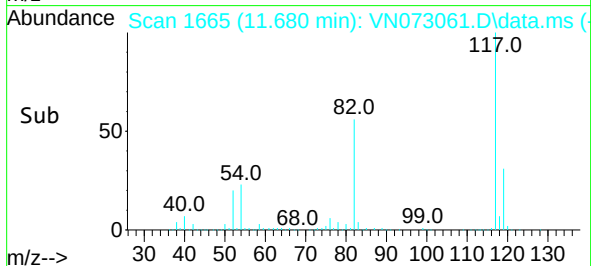
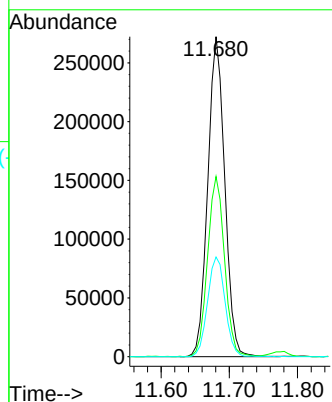
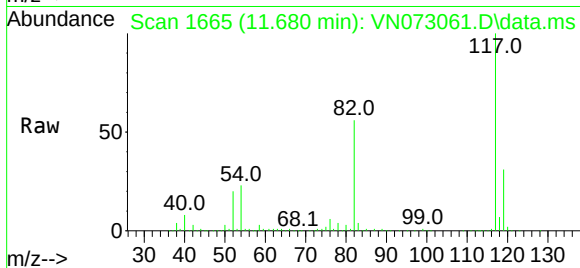




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN073061.D
Acq: 23 Jun 2022 20:19

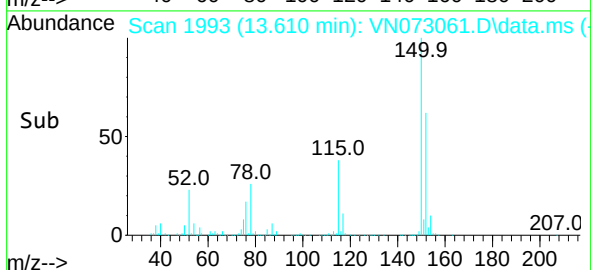
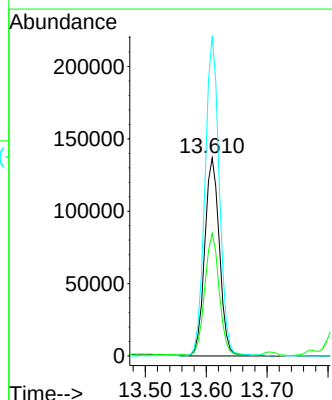
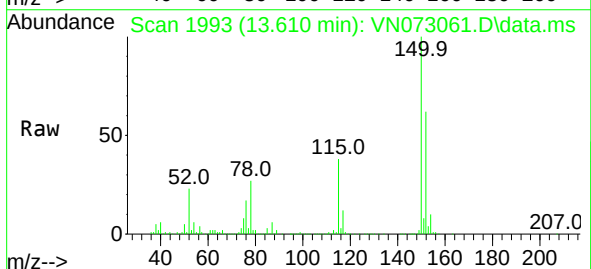
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2

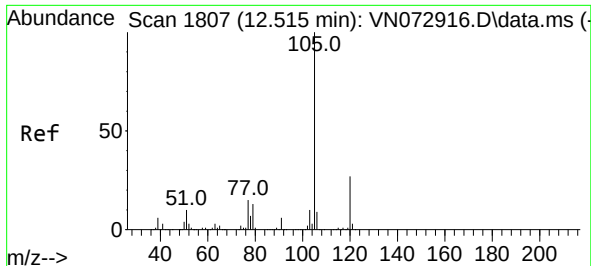
Tgt Ion:117 Resp: 472292
Ion Ratio Lower Upper
117 100
82 56.2 44.2 66.2
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073061.D
Acq: 23 Jun 2022 20:19

Tgt Ion:152 Resp: 230178
Ion Ratio Lower Upper
152 100
115 60.2 28.9 86.7
150 157.3 0.0 356.2

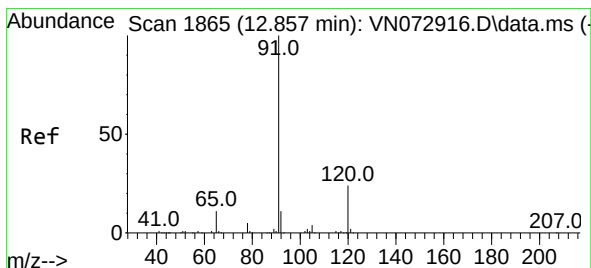
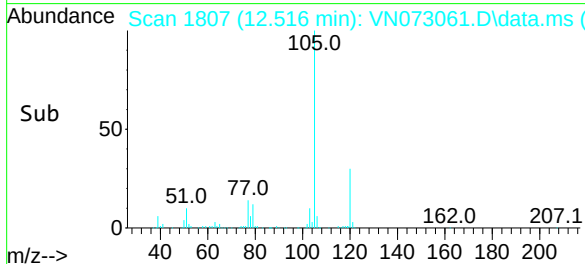
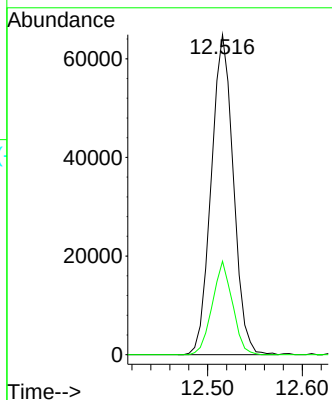
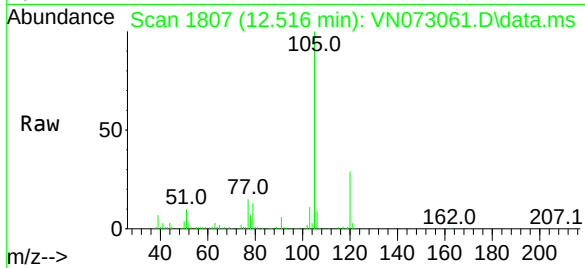




#73
Isopropylbenzene
Concen: 5.924 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN073061.D
Acq: 23 Jun 2022 20:19

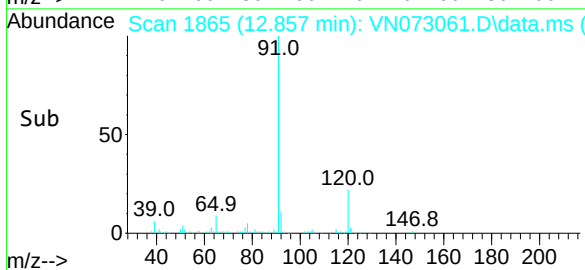
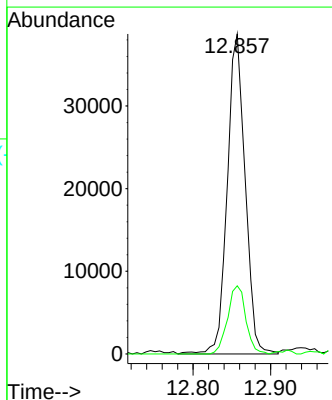
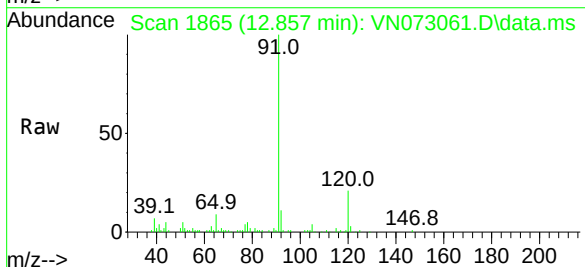
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2

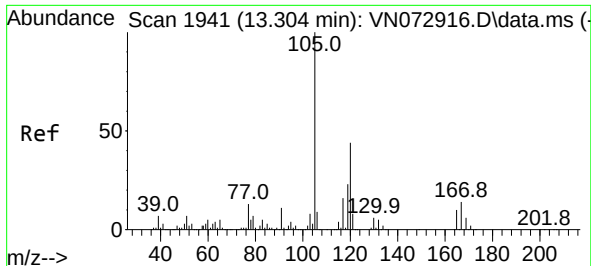
Tgt Ion:105 Resp: 105496
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4



#78
n-propylbenzene
Concen: 3.176 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073061.D
Acq: 23 Jun 2022 20:19

Tgt Ion: 91 Resp: 62201
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.5

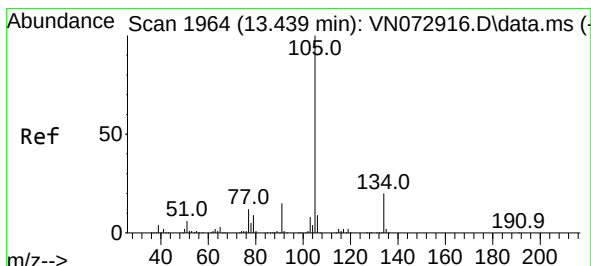
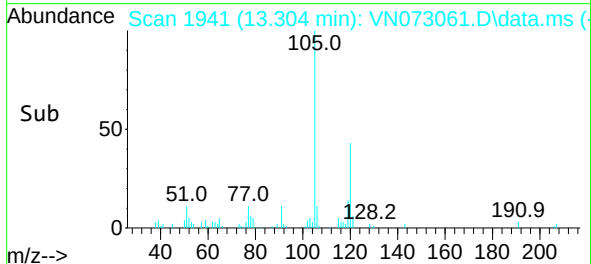
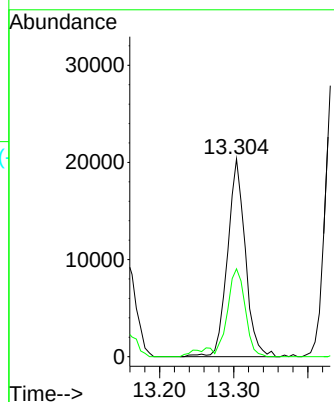
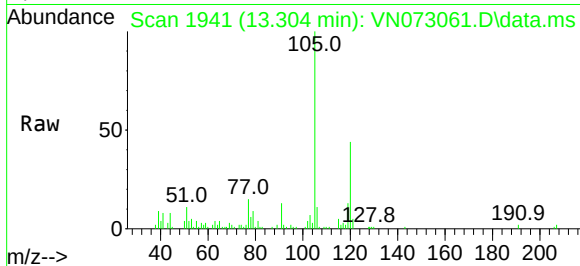




#84
1,2,4-Trimethylbenzene
Concen: 2.321 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN073061.D
Acq: 23 Jun 2022 20:19

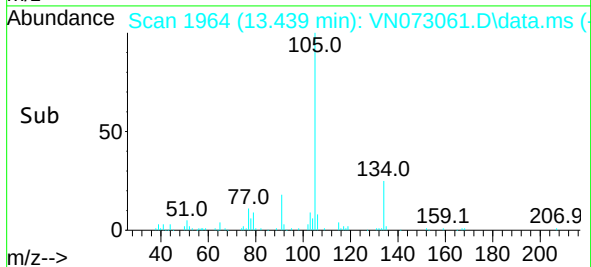
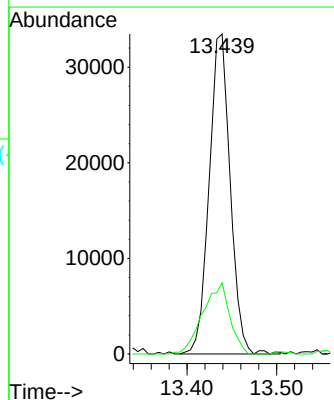
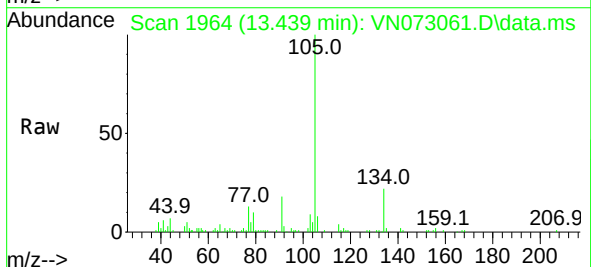
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2

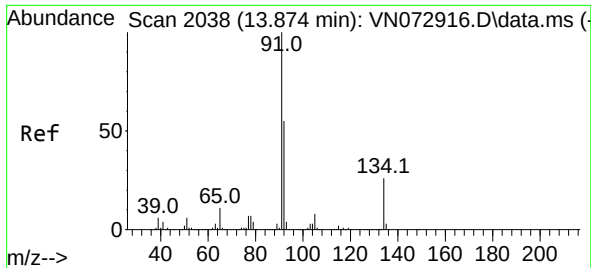
Tgt Ion:105 Resp: 33808
Ion Ratio Lower Upper
105 100
120 48.5 23.3 69.8



#85
sec-Butylbenzene
Concen: 3.053 ug/l
RT: 13.439 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VN073061.D
Acq: 23 Jun 2022 20:19

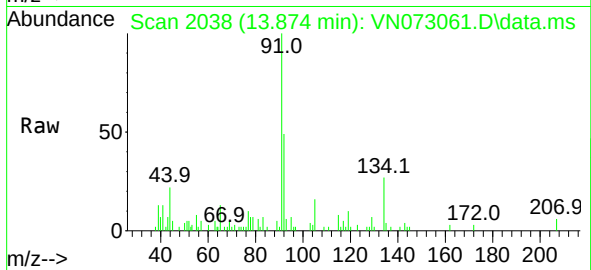
Tgt Ion:105 Resp: 54551
Ion Ratio Lower Upper
105 100
134 28.5 10.4 31.1





#89
 n-Butylbenzene
 Concen: 1.374 ug/l
 RT: 13.874 min Scan# 2038
 Delta R.T. 0.000 min
 Lab File: VN073061.D
 Acq: 23 Jun 2022 20:19

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



Tgt Ion: 91	Resp: 16236
Ion Ratio	Lower Upper
91	100
92	45.9 26.9 80.7
134	0.0 13.6 40.8#

