

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061822\
 Data File : VN072931.D
 Acq On : 18 Jun 2022 11:41
 Operator : JC\MD
 Sample : N3334-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-11

Quant Time: Jun 20 08:03:02 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)

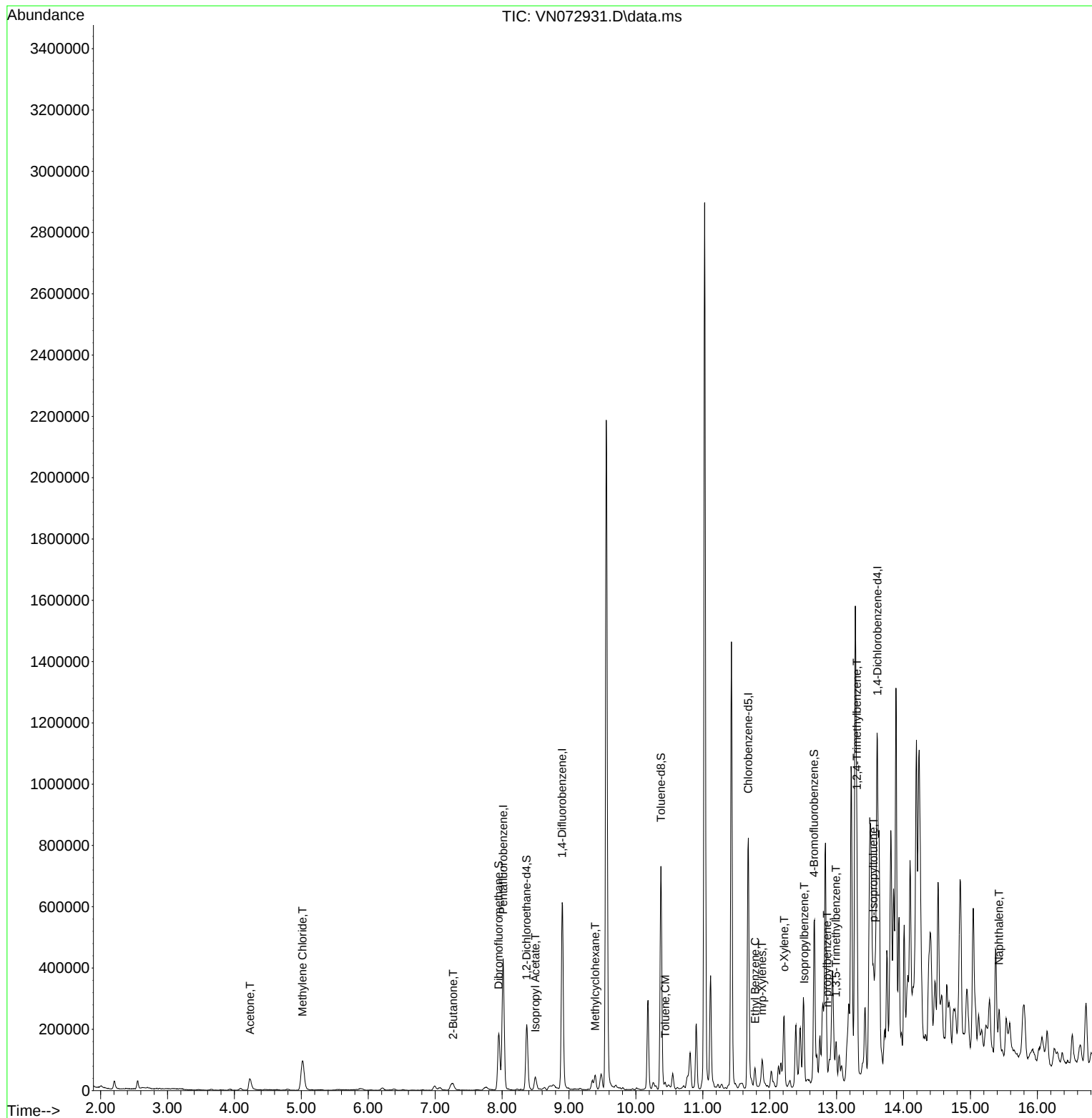
Internal Standards						
1) Pentafluorobenzene	8.016	168	313450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	548510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	477148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	218528	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	176716	41.700	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.400%
35) Dibromofluoromethane	7.951	113	140777	41.524	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	83.040%
50) Toluene-d8	10.375	98	488078	38.689	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	77.380%#
62) 4-Bromofluorobenzene	12.663	95	180530	39.797	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	79.600%#
Target Compounds						
					Qvalue	
16) Acetone	4.234	43	71232	30.579	ug/l	96
20) Methylene Chloride	5.016	84	82503	22.702	ug/l	96
25) 2-Butanone	7.269	43	29744	8.047	ug/l	95
39) Methylcyclohexane	9.392	83	20612	3.728	ug/l	# 91
43) Isopropyl Acetate	8.498	43	41791	3.984	ug/l	# 87
52) Toluene	10.439	92	8713	0.984	ug/l	91
67) Ethyl Benzene	11.780	91	43337	2.642	ug/l	98
68) m/p-Xylenes	11.886	106	27550	4.282	ug/l	99
69) o-Xylene	12.216	106	54814	8.526	ug/l	97
73) Isopropylbenzene	12.516	105	20106	1.189	ug/l	98
78) n-propylbenzene	12.857	91	25093	1.349	ug/l	98
80) 1,3,5-Trimethylbenzene	12.992	105	51227	3.689	ug/l	93
84) 1,2,4-Trimethylbenzene	13.304	105	147623	10.673	ug/l	99
86) p-Isopropyltoluene	13.551	119	14997	1.092	ug/l	88
95) Naphthalene	15.427	128	104464	6.188	ug/l	# 94

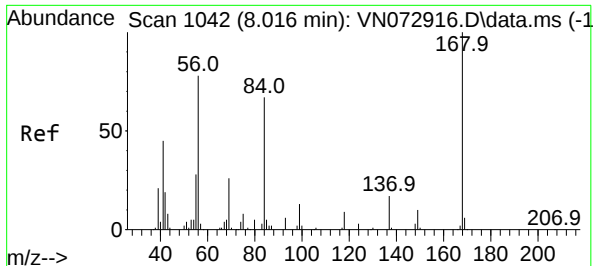
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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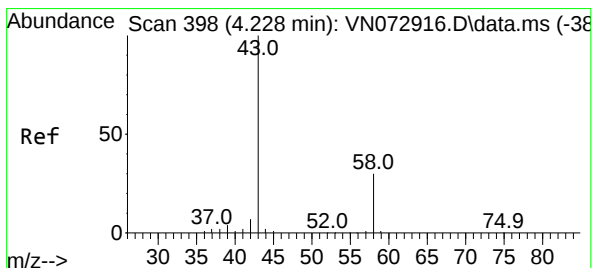
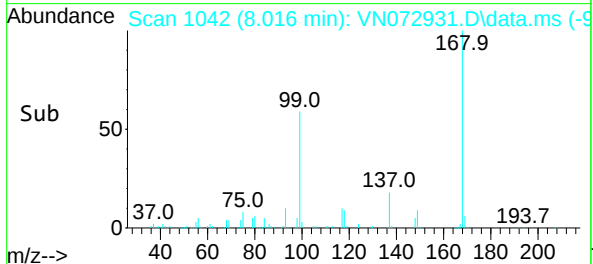
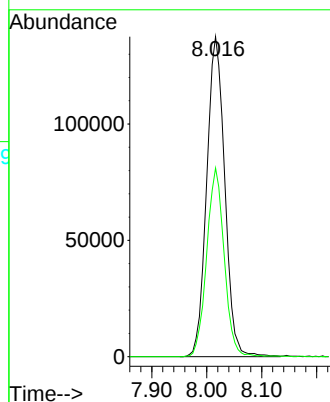
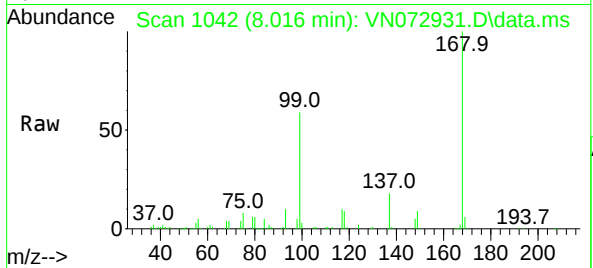




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072931.D
Acq: 18 Jun 2022 11:41

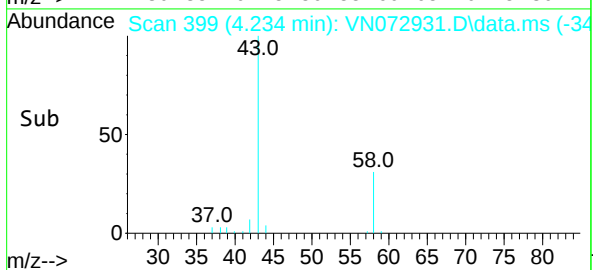
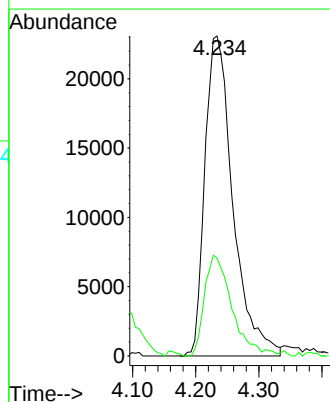
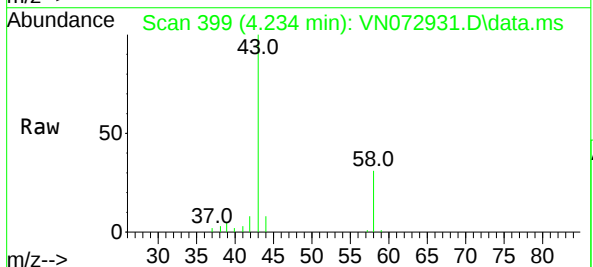
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-11

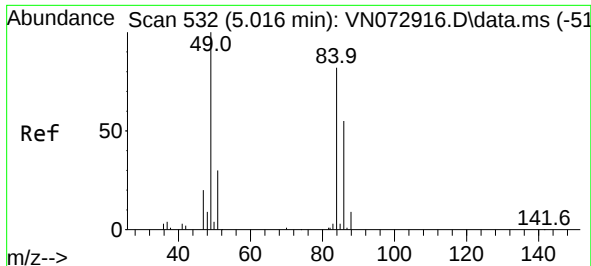
Tgt Ion:168 Resp: 313450
Ion Ratio Lower Upper
168 100
99 59.0 42.3 63.5



#16
Acetone
Concen: 30.579 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.006 min
Lab File: VN072931.D
Acq: 18 Jun 2022 11:41

Tgt Ion: 43 Resp: 71232
Ion Ratio Lower Upper
43 100
58 30.0 26.0 39.0

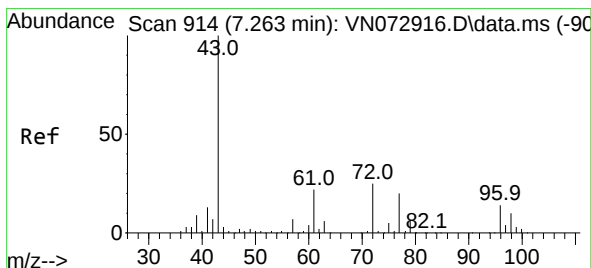
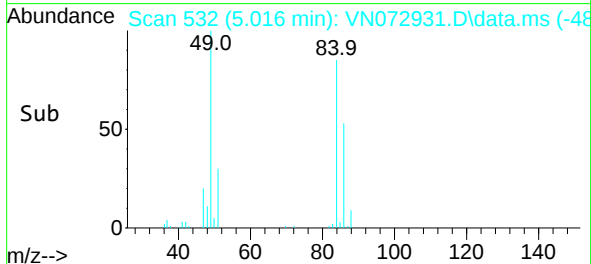
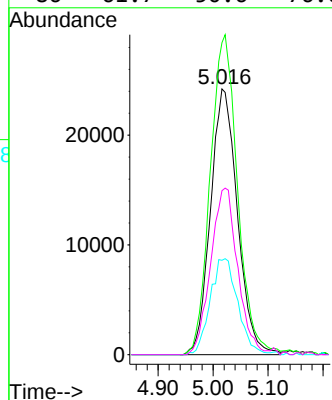
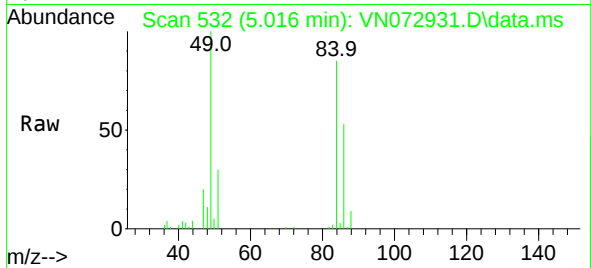




#20
Methylene Chloride
Concen: 22.702 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072931.D
Acq: 18 Jun 2022 11:41

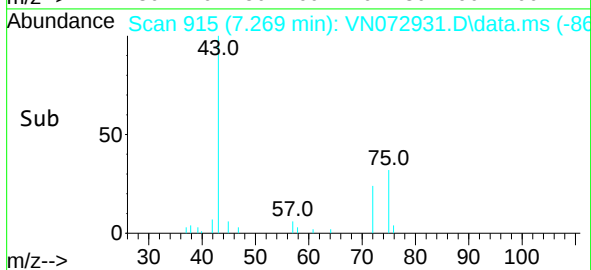
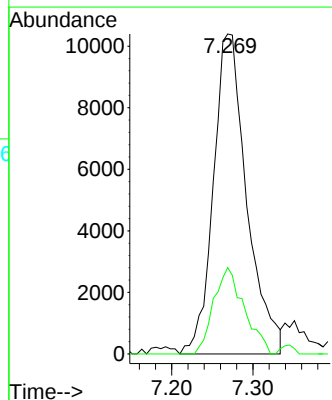
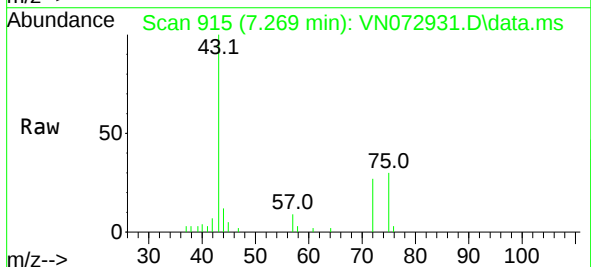
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-11

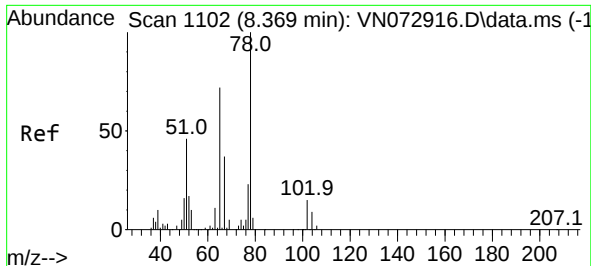
Tgt Ion:	84	Resp:	82503
Ion	Ratio	Lower	Upper
84	100		
49	117.4	88.3	132.5
51	35.5	28.2	42.2
86	61.7	50.6	76.0



#25
2-Butanone
Concen: 8.047 ug/l
RT: 7.269 min Scan# 915
Delta R.T. 0.006 min
Lab File: VN072931.D
Acq: 18 Jun 2022 11:41

Tgt Ion:	43	Resp:	29744
Ion	Ratio	Lower	Upper
43	100		
72	27.0	23.7	35.5

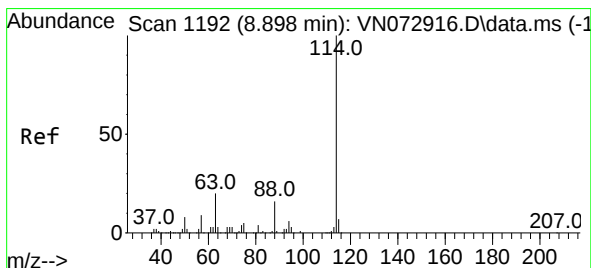
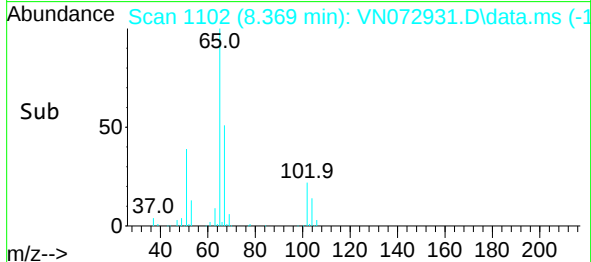
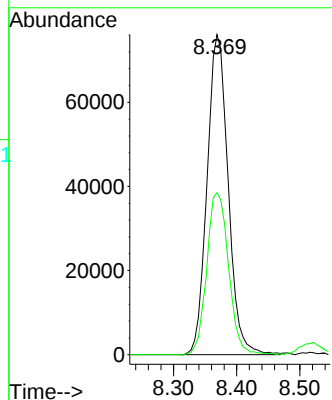
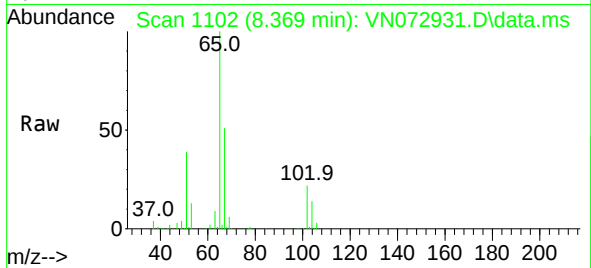




#33
 1,2-Dichloroethane-d4
 Concen: 41.700 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. 0.000 min
 Lab File: VN072931.D
 Acq: 18 Jun 2022 11:41

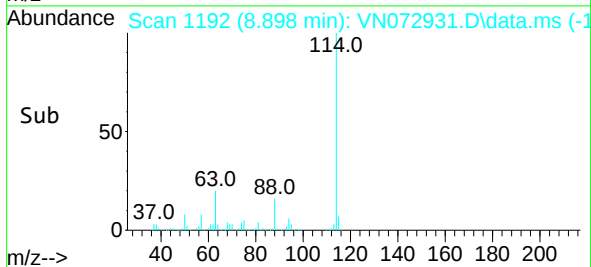
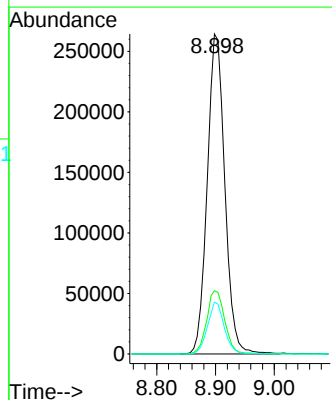
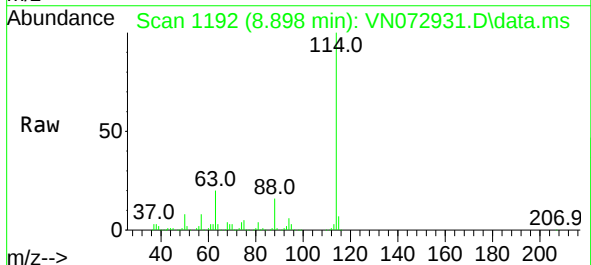
Instrument :
 MSVOA_N
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 WC-14A-1A-11

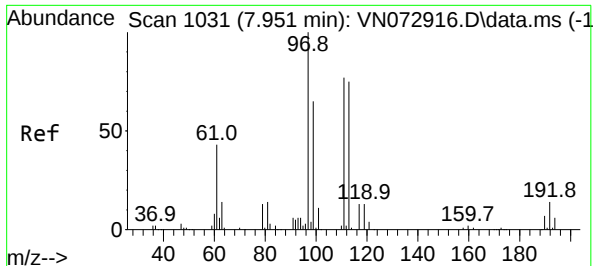
Tgt Ion: 65 Resp: 176716
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.898 min Scan# 1192
 Delta R.T. 0.000 min
 Lab File: VN072931.D
 Acq: 18 Jun 2022 11:41

Tgt Ion: 114 Resp: 548510
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 41.524 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN072931.D

Acq: 18 Jun 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-11

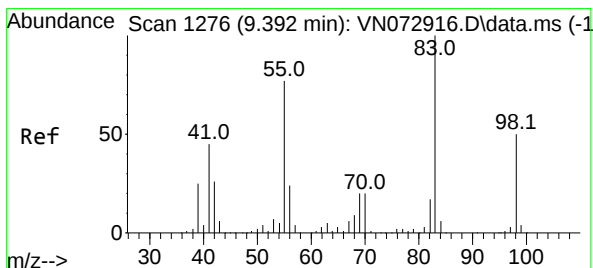
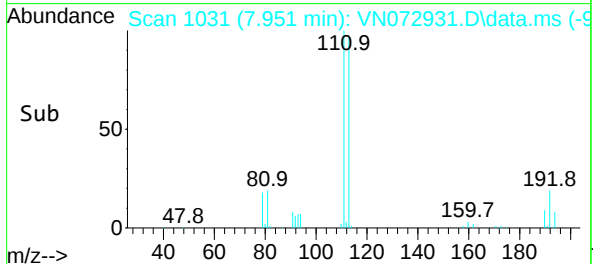
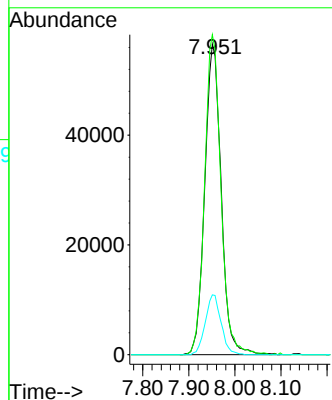
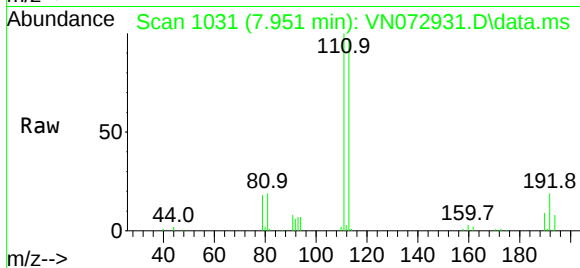
Tgt Ion:113 Resp: 140777

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 18.5 17.0 25.6



#39

Methylcyclohexane

Concen: 3.728 ug/l

RT: 9.392 min Scan# 1276

Delta R.T. 0.000 min

Lab File: VN072931.D

Acq: 18 Jun 2022 11:41

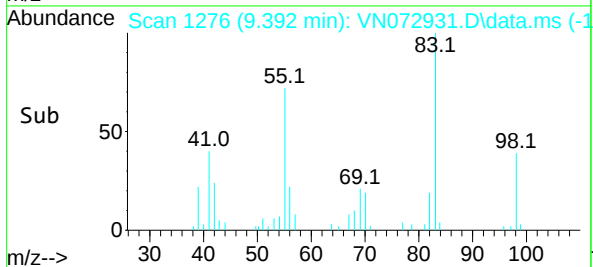
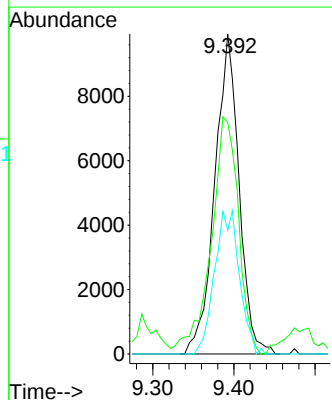
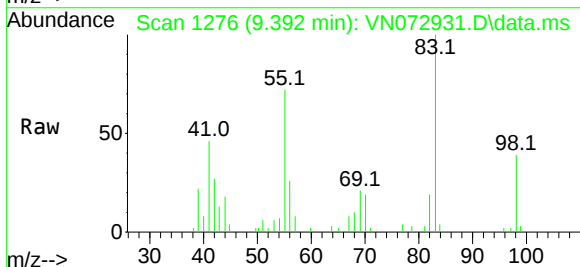
Tgt Ion: 83 Resp: 20612

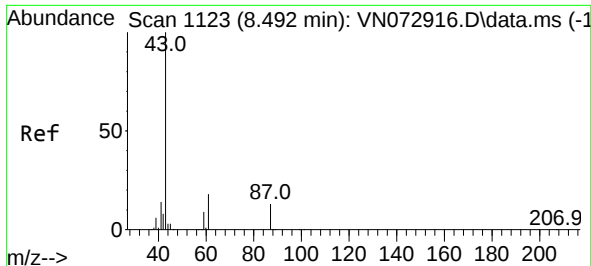
Ion Ratio Lower Upper

83 100

55 68.6 57.8 86.8

98 38.7 39.4 59.2#

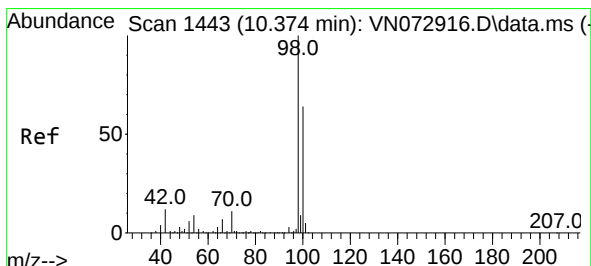
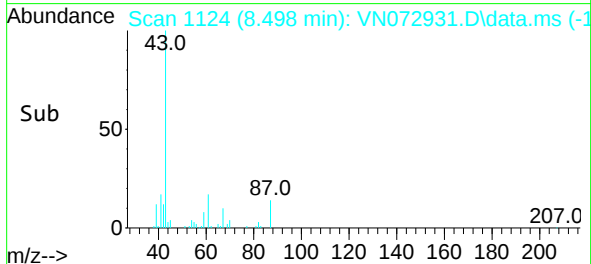
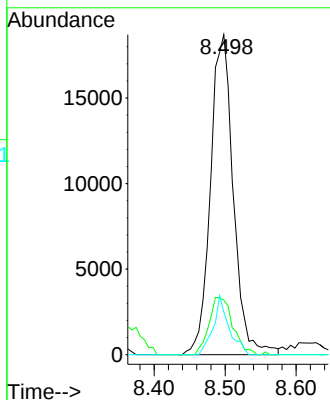
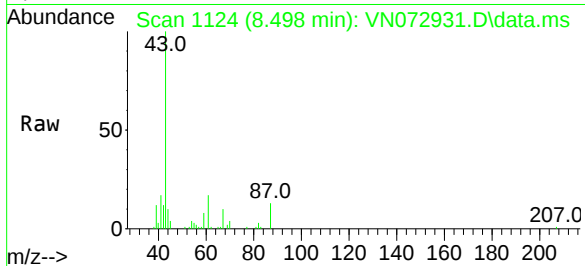




#43
Isopropyl Acetate
Concen: 3.984 ug/l
RT: 8.498 min Scan# 1123
Delta R.T. 0.006 min
Lab File: VN072931.D
Acq: 18 Jun 2022 11:41

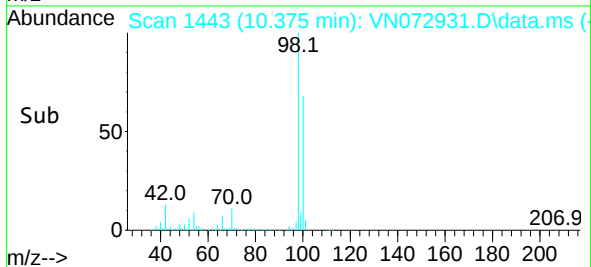
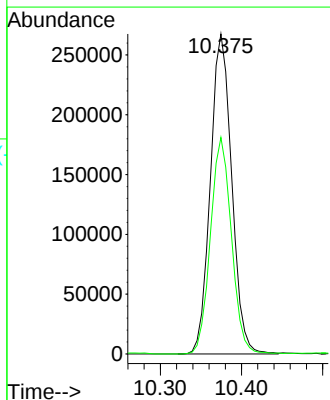
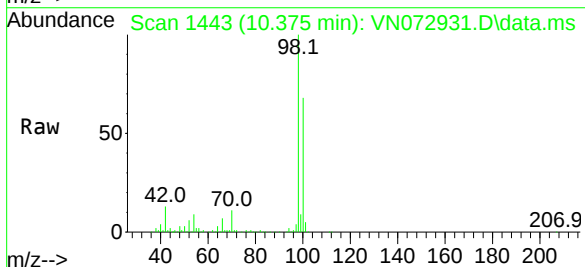
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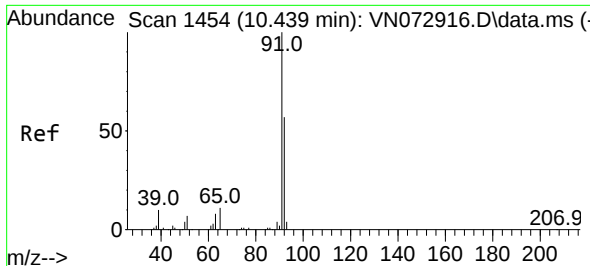
Tgt Ion: 43 Resp: 41791
Ion Ratio Lower Upper
43 100
61 18.6 21.9 32.9#
87 12.6 12.0 18.0



#50
Toluene-d8
Concen: 38.689 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072931.D
Acq: 18 Jun 2022 11:41

Tgt Ion: 98 Resp: 488078
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8

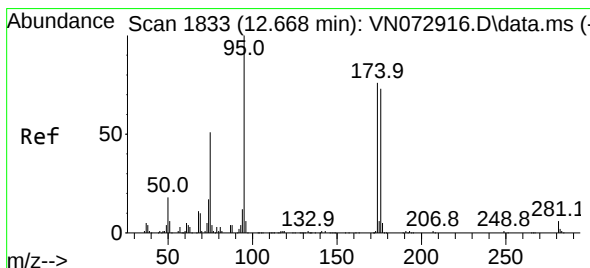
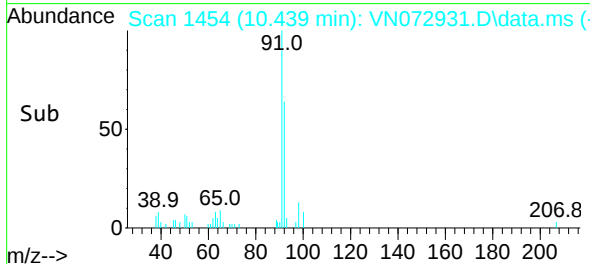
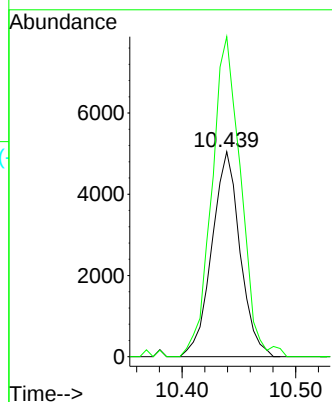
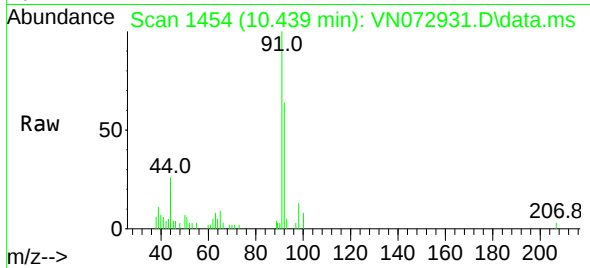




#52
Toluene
Concen: 0.984 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN072931.D
Acq: 18 Jun 2022 11:41

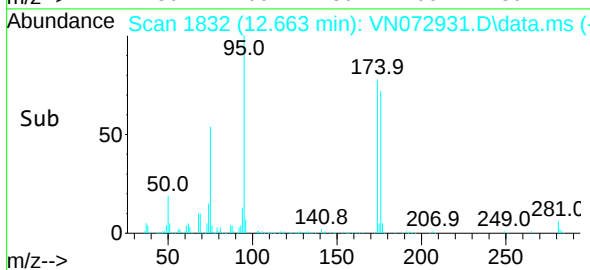
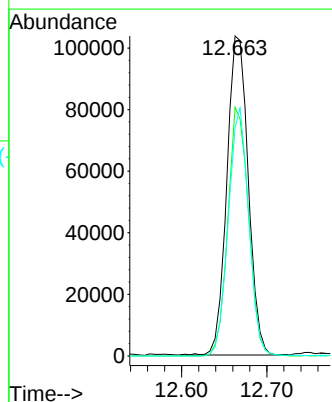
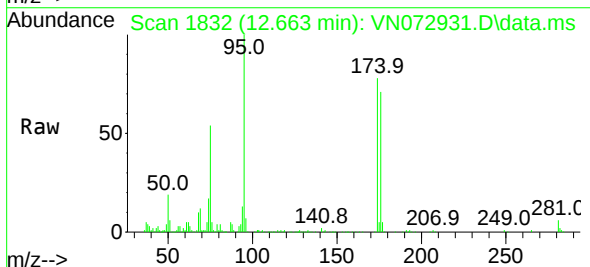
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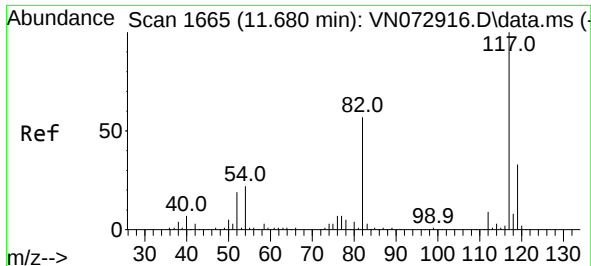
Tgt Ion: 92 Resp: 8713
Ion Ratio Lower Upper
92 100
91 160.2 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 39.797 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN072931.D
Acq: 18 Jun 2022 11:41

Tgt Ion: 95 Resp: 180530
Ion Ratio Lower Upper
95 100
174 75.6 0.0 167.6
176 74.2 0.0 163.4

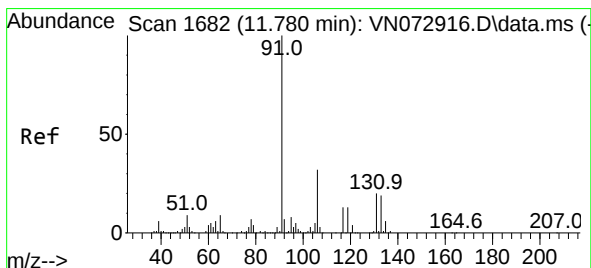
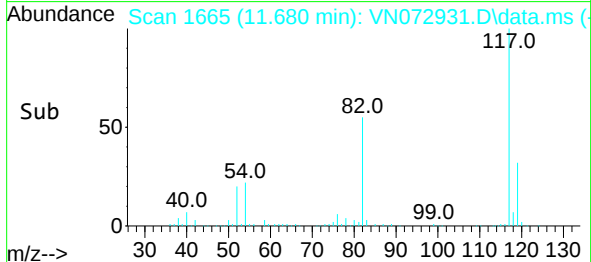
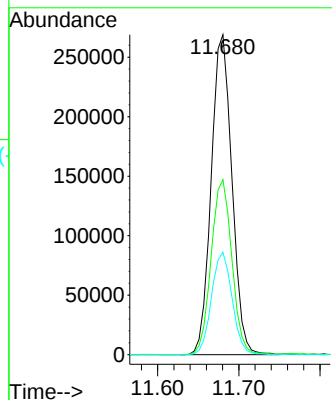
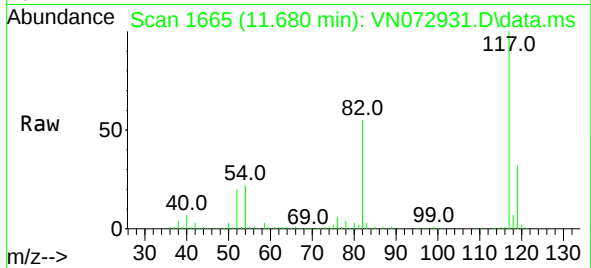




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN072931.D
Acq: 18 Jun 2022 11:41

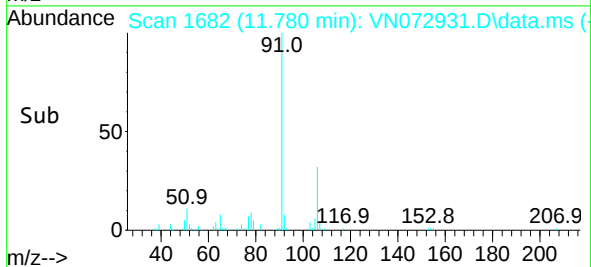
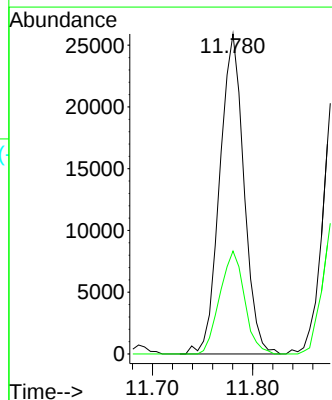
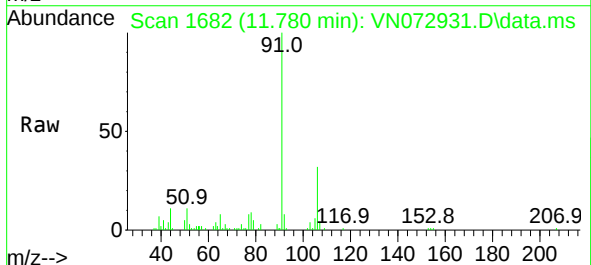
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WC-14A-1A-11

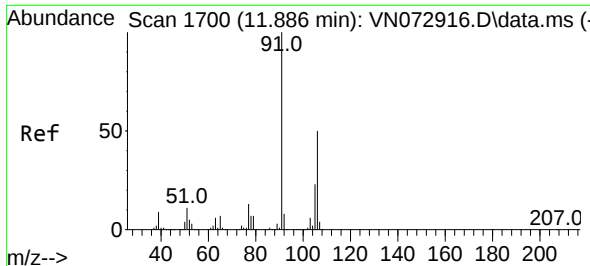
Tgt Ion:117 Resp: 477148
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 32.0 25.4 38.0



#67
Ethyl Benzene
Concen: 2.642 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN072931.D
Acq: 18 Jun 2022 11:41

Tgt Ion: 91 Resp: 43337
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3

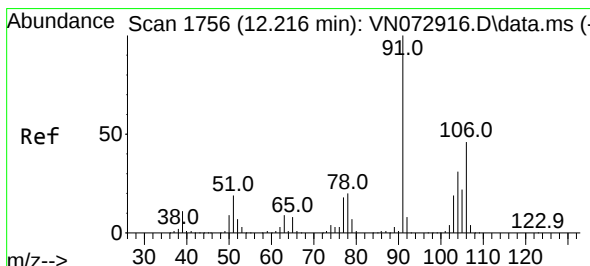
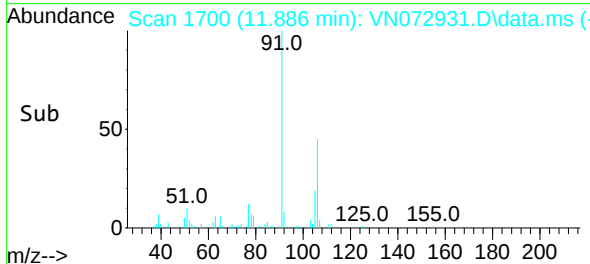
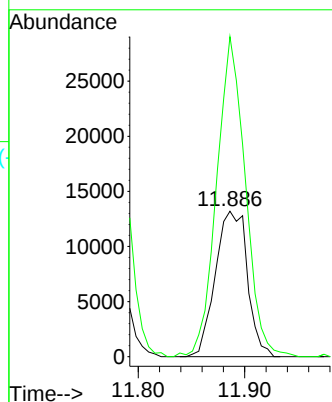
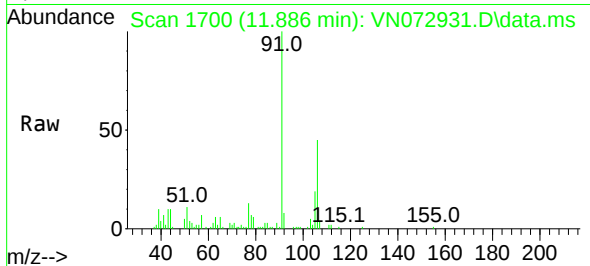




#68
m/p-Xylenes
Concen: 4.282 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VN072931.D
Acq: 18 Jun 2022 11:41

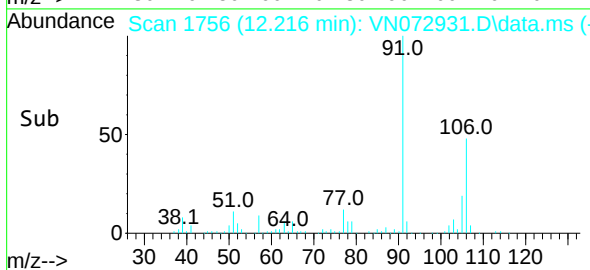
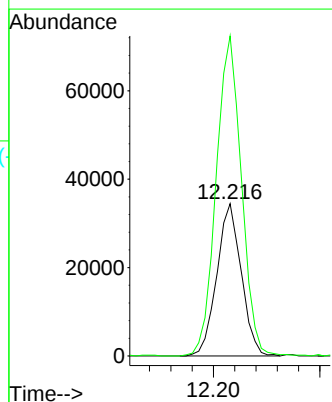
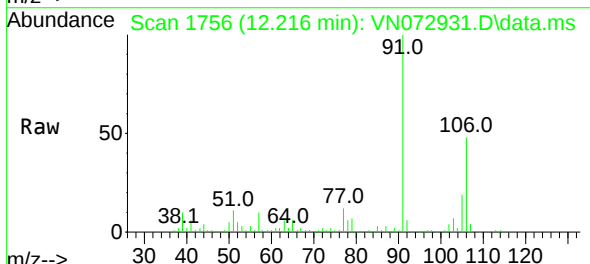
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-11

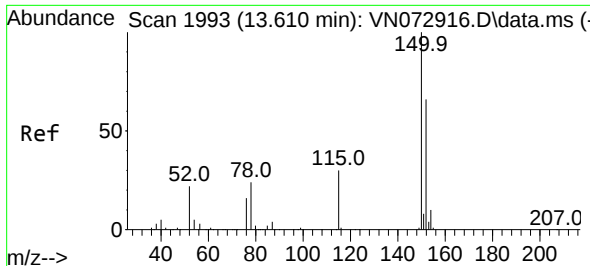
Tgt Ion:106 Resp: 27550
Ion Ratio Lower Upper
106 100
91 197.0 158.9 238.3



#69
o-Xylene
Concen: 8.526 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN072931.D
Acq: 18 Jun 2022 11:41

Tgt Ion:106 Resp: 54814
Ion Ratio Lower Upper
106 100
91 217.5 106.0 318.0

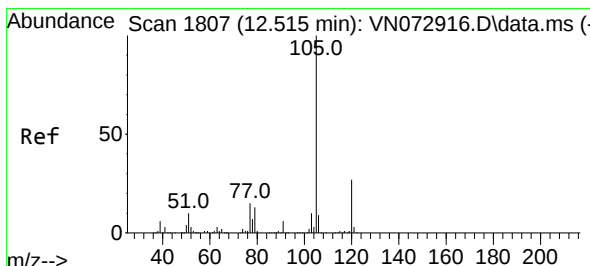
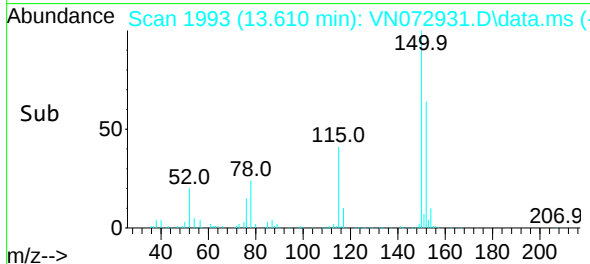
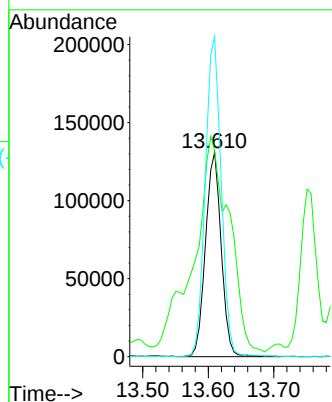
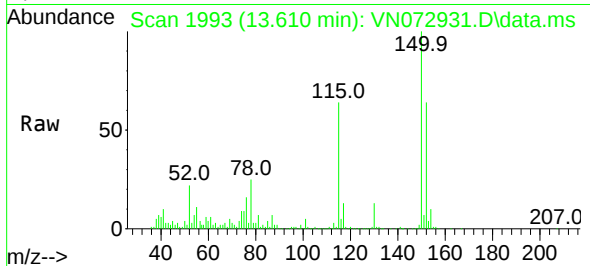




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN072931.D
Acq: 18 Jun 2022 11:41

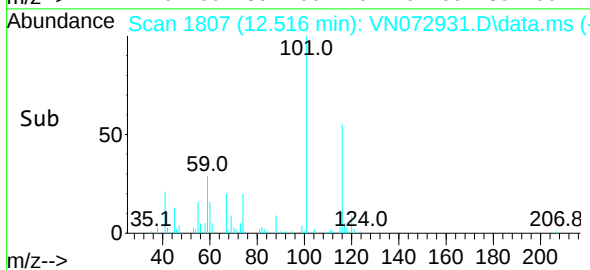
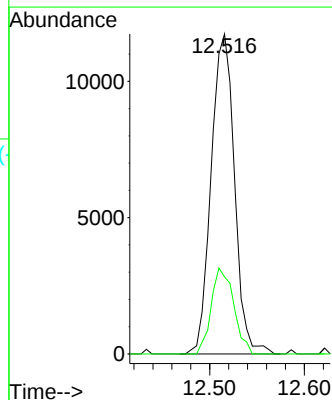
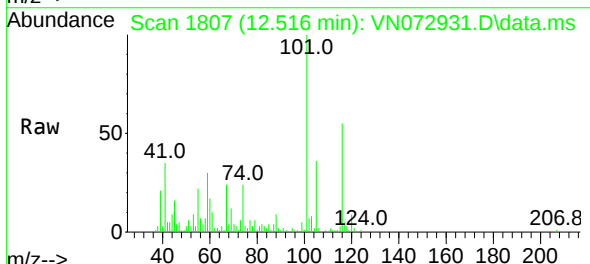
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-11

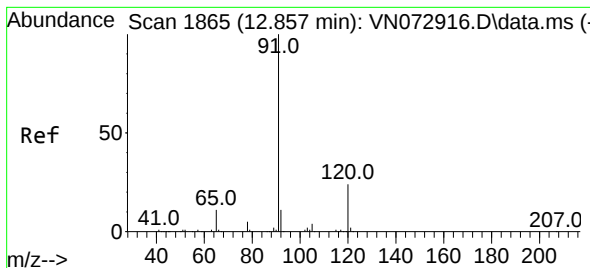
Tgt Ion:152 Resp: 218528
Ion Ratio Lower Upper
152 100
115 234.7 28.9 86.7#
150 159.0 0.0 356.2



#73
Isopropylbenzene
Concen: 1.189 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN072931.D
Acq: 18 Jun 2022 11:41

Tgt Ion:105 Resp: 20106
Ion Ratio Lower Upper
105 100
120 25.8 13.5 40.4





#78

n-propylbenzene

Concen: 1.349 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. 0.000 min

Lab File: VN072931.D

Acq: 18 Jun 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

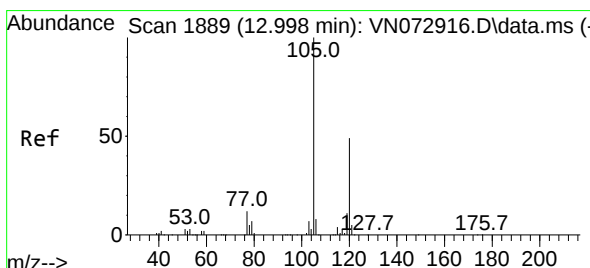
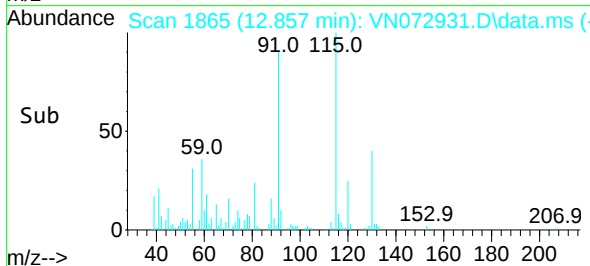
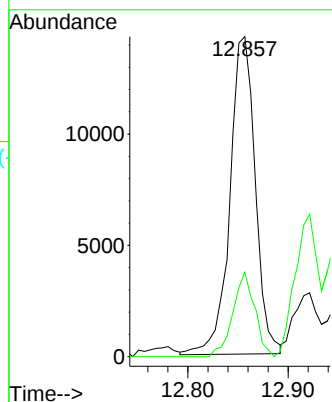
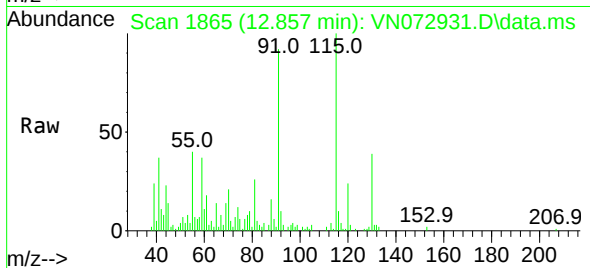
WC-14A-1A-11

Tgt Ion: 91 Resp: 25093

Ion Ratio Lower Upper

91 100

120 22.9 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 3.689 ug/l

RT: 12.992 min Scan# 1888

Delta R.T. -0.006 min

Lab File: VN072931.D

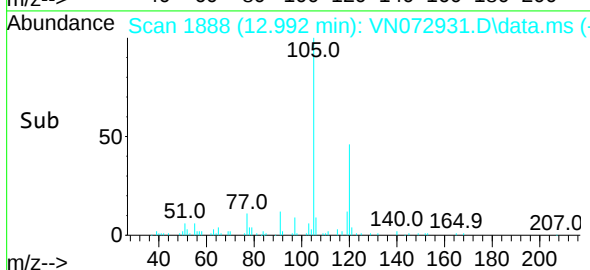
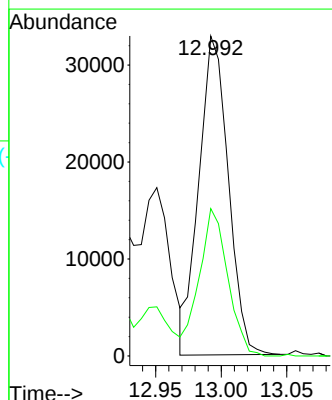
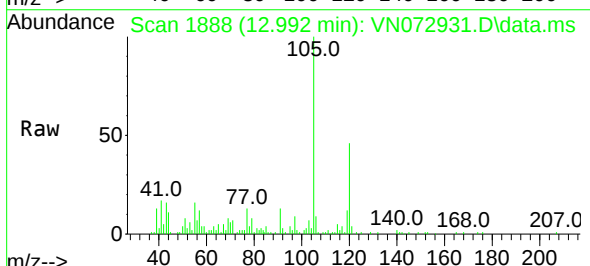
Acq: 18 Jun 2022 11:41

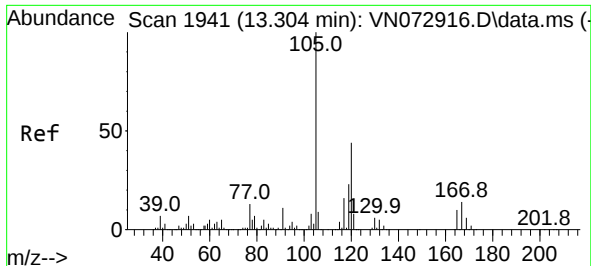
Tgt Ion: 105 Resp: 51227

Ion Ratio Lower Upper

105 100

120 45.2 24.9 74.7

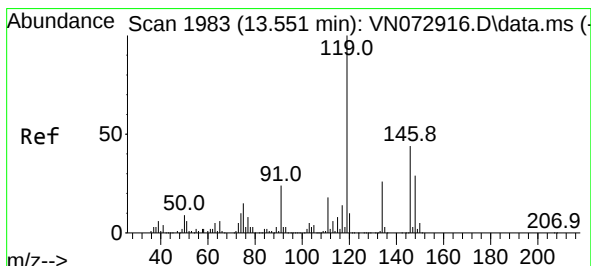
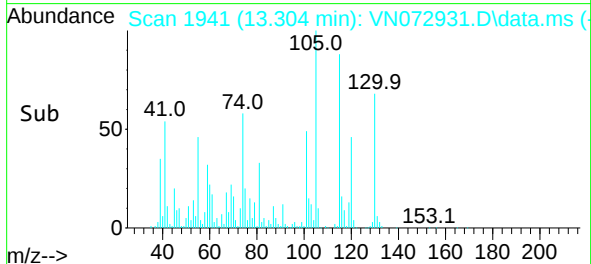
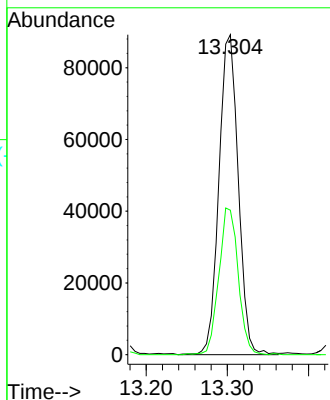
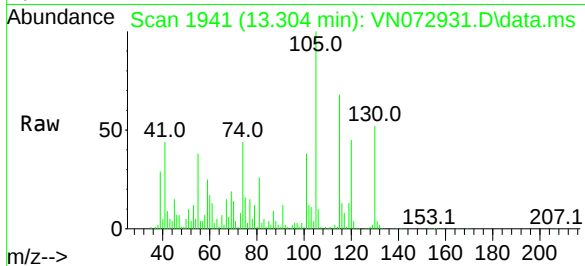




#84
1,2,4-Trimethylbenzene
Concen: 10.673 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN072931.D
Acq: 18 Jun 2022 11:41

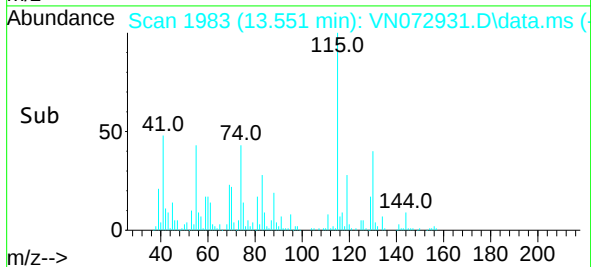
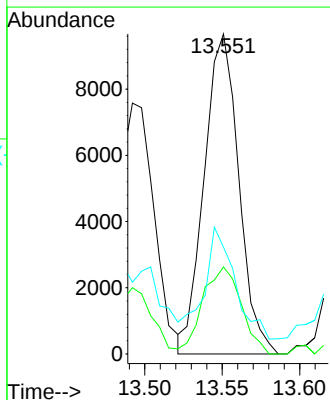
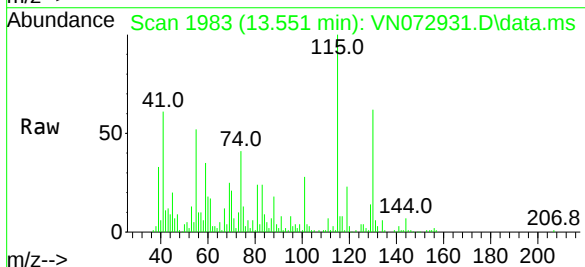
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-11

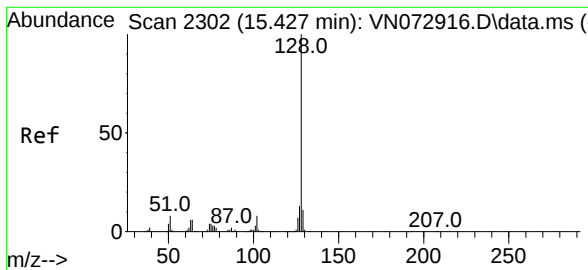
Tgt Ion:105 Resp: 147623
Ion Ratio Lower Upper
105 100
120 46.0 23.3 69.8



#86
p-Isopropyltoluene
Concen: 1.092 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN072931.D
Acq: 18 Jun 2022 11:41

Tgt Ion:119 Resp: 14997
Ion Ratio Lower Upper
119 100
134 30.2 13.3 39.8
91 30.9 11.3 33.9





#95
Naphthalene
Concen: 6.188 ug/l
RT: 15.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072931.D
Acq: 18 Jun 2022 11:41

Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-11

Tgt Ion:128 Resp: 104464
Ion Ratio Lower Upper
128 100
127 16.4 10.3 15.5#
129 10.2 8.6 13.0

