

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061322\
 Data File : VN072822.D
 Acq On : 14 Jun 2022 02:37
 Operator : JC\MD
 Sample : N3304-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-9

Quant Time: Jun 14 05:24:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061322W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 13 17:28:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	161943	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	332057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	304156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	118157	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	235185	51.870	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.740%
35) Dibromofluoromethane	8.016	113	160047	48.396	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.800%
50) Toluene-d8	10.439	98	558512	42.053	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	84.100%
62) 4-Bromofluorobenzene	12.727	95	206334	43.963	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.920%

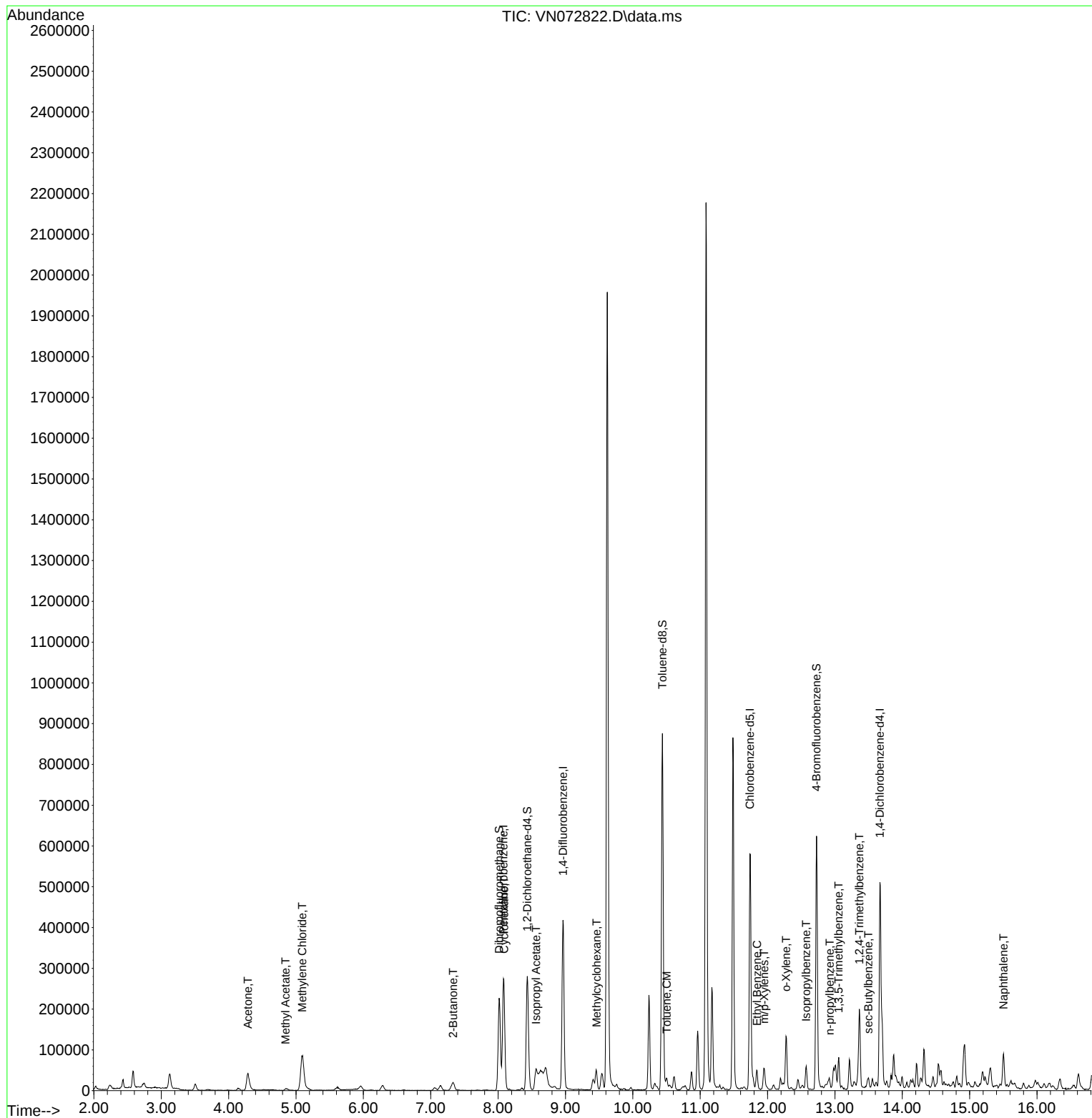
Target Compounds						Qvalue
16) Acetone	4.286	43	80166	38.933	ug/l	# 87
18) Methyl Acetate	4.845	43	10221	1.889	ug/l	# 79
20) Methylene Chloride	5.092	84	63606	22.040	ug/l	# 81
25) 2-Butanone	7.333	43	27851	8.623	ug/l	# 86
31) Cyclohexane	8.092	56	19398	2.215	ug/l	# 90
39) Methylcyclohexane	9.463	83	17831	3.414	ug/l	# 91
43) Isopropyl Acetate	8.563	43	53044	4.867	ug/l	# 74
52) Toluene	10.504	92	10373	1.197	ug/l	95
67) Ethyl Benzene	11.845	91	27483	1.835	ug/l	92
68) m/p-Xylenes	11.951	106	15833	2.956	ug/l	84
69) o-Xylene	12.274	106	32755	6.075	ug/l	95
73) Isopropylbenzene	12.574	105	27071	2.248	ug/l	95
78) n-propylbenzene	12.921	91	18824	1.404	ug/l	89
80) 1,3,5-Trimethylbenzene	13.057	105	35025	3.597	ug/l	96
84) 1,2,4-Trimethylbenzene	13.362	105	95918	10.259	ug/l	95
85) sec-Butylbenzene	13.498	105	12078	1.040	ug/l	86
95) Naphthalene	15.503	128	71583	9.747	ug/l	97

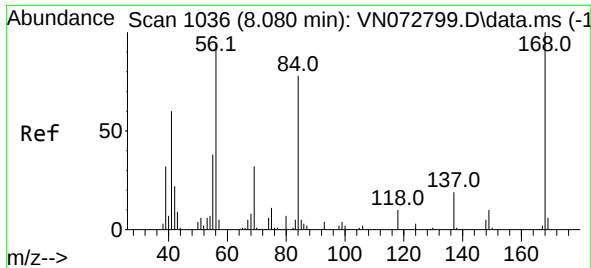
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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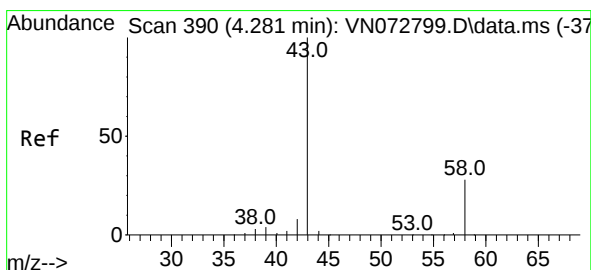
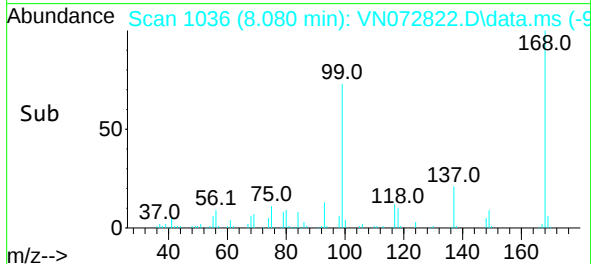
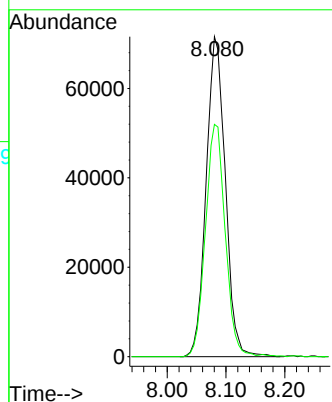
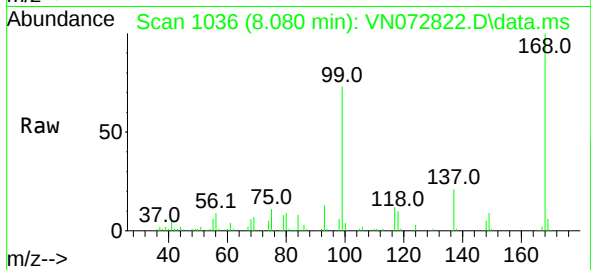




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VN072822.D
Acq: 14 Jun 2022 02:37

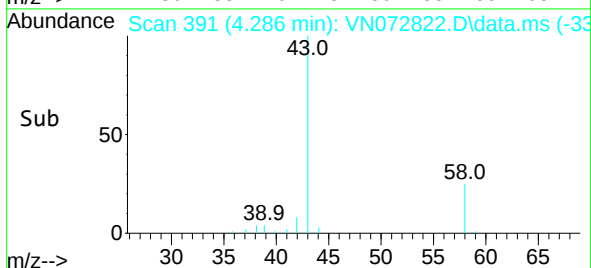
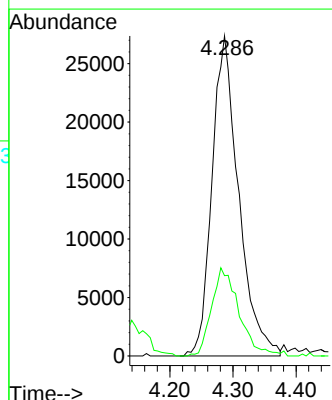
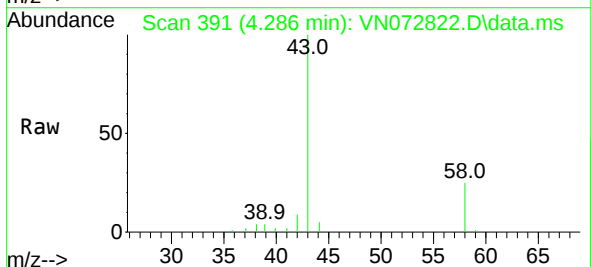
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-9

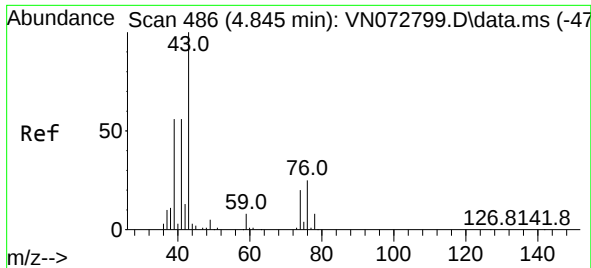
Tgt Ion:168 Resp: 161943
Ion Ratio Lower Upper
168 100
99 72.6 42.3 63.5#



#16
Acetone
Concen: 38.933 ug/l
RT: 4.286 min Scan# 391
Delta R.T. 0.005 min
Lab File: VN072822.D
Acq: 14 Jun 2022 02:37

Tgt Ion: 43 Resp: 80166
Ion Ratio Lower Upper
43 100
58 25.1 26.0 39.0#

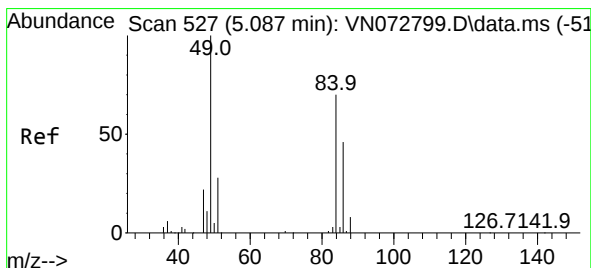
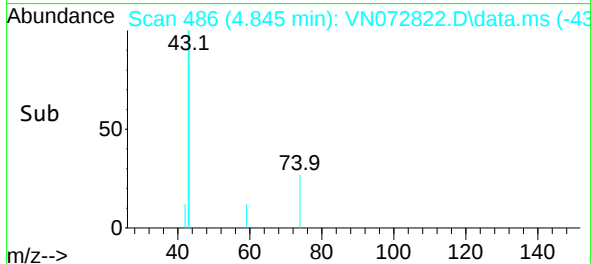
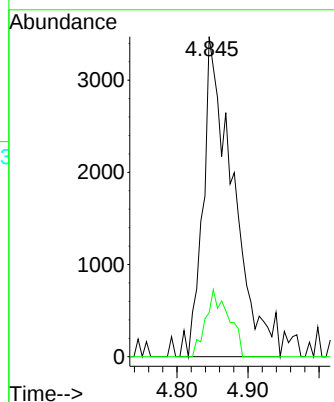
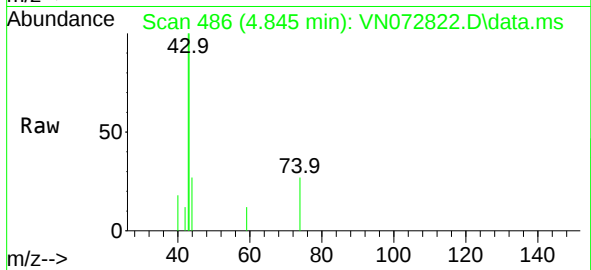




#18
Methyl Acetate
Concen: 1.889 ug/l
RT: 4.845 min Scan# 486
Delta R.T. 0.000 min
Lab File: VN072822.D
Acq: 14 Jun 2022 02:37

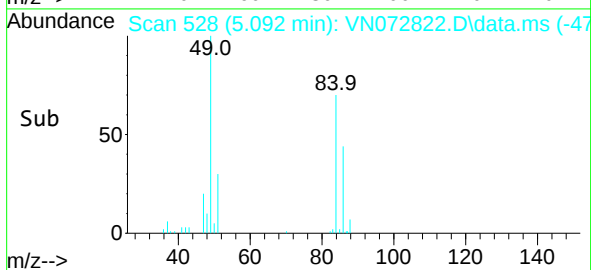
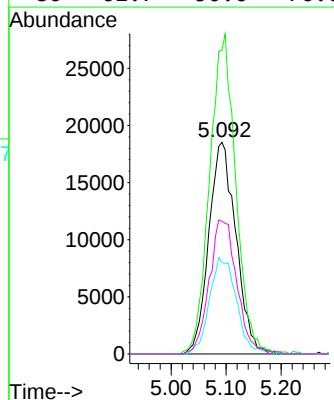
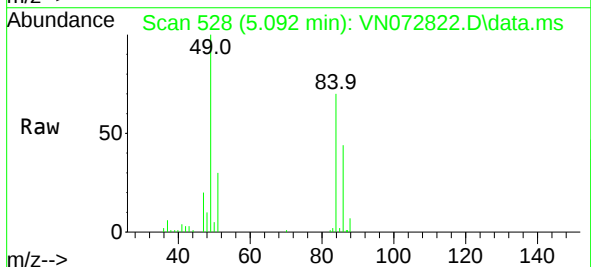
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-9

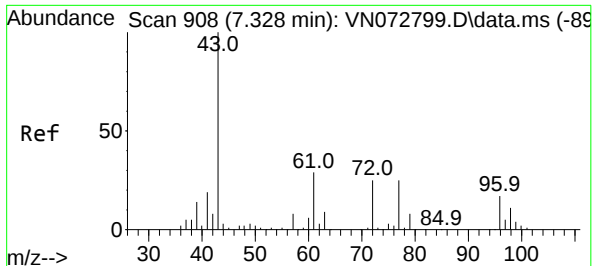
Tgt Ion: 43 Resp: 10221
Ion Ratio Lower Upper
43 100
74 16.0 21.6 32.4#



#20
Methylene Chloride
Concen: 22.040 ug/l
RT: 5.092 min Scan# 528
Delta R.T. 0.005 min
Lab File: VN072822.D
Acq: 14 Jun 2022 02:37

Tgt Ion: 84 Resp: 63606
Ion Ratio Lower Upper
84 100
49 143.5 88.3 132.5#
51 43.3 28.2 42.2#
86 62.7 50.6 76.0





#25

2-Butanone

Concen: 8.623 ug/l

RT: 7.333 min Scan# 908

Delta R.T. 0.005 min

Lab File: VN072822.D

Acq: 14 Jun 2022 02:37

Instrument :

MSVOA_N

ClientSampleId :

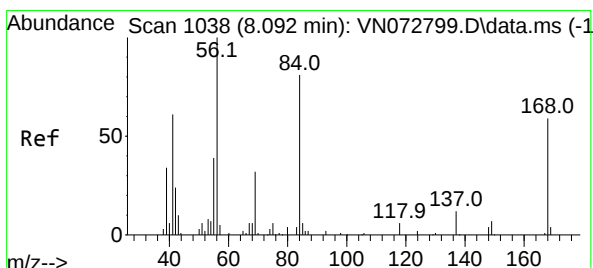
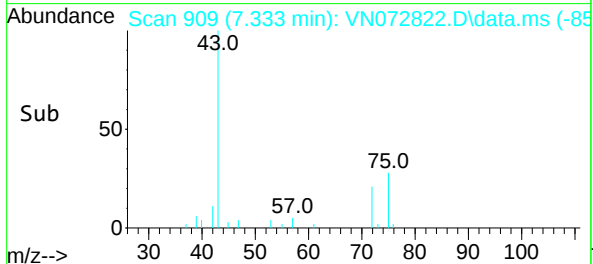
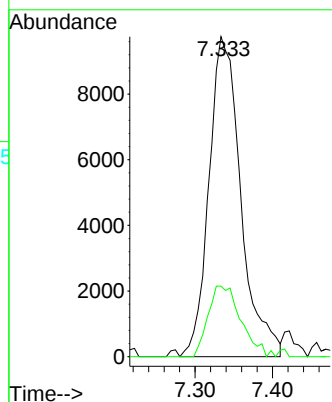
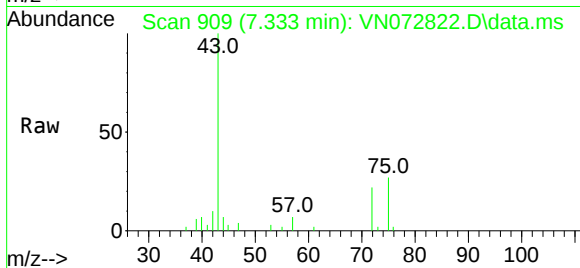
WC-14A-1A-9

Tgt Ion: 43 Resp: 27851

Ion Ratio Lower Upper

43 100

72 22.1 23.7 35.5#



#31

Cyclohexane

Concen: 2.215 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN072822.D

Acq: 14 Jun 2022 02:37

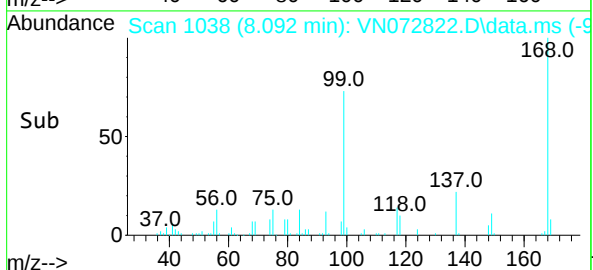
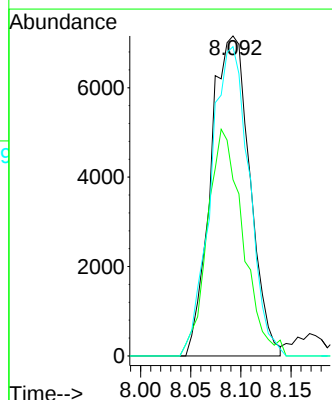
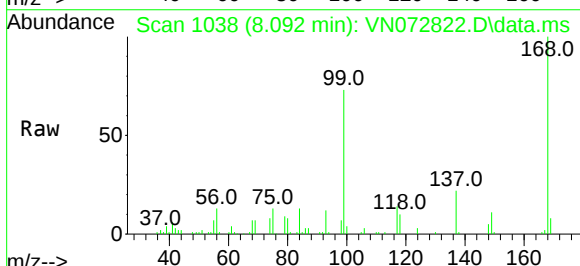
Tgt Ion: 56 Resp: 19398

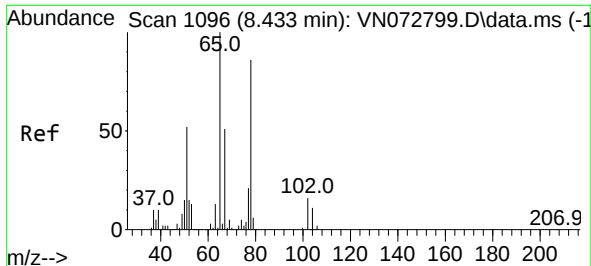
Ion Ratio Lower Upper

56 100

69 55.1 27.8 41.8#

84 96.6 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 51.870 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN072822.D

Acq: 14 Jun 2022 02:37

Instrument :

MSVOA_N

ClientSampleId :

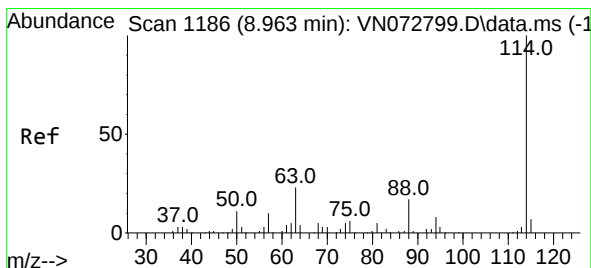
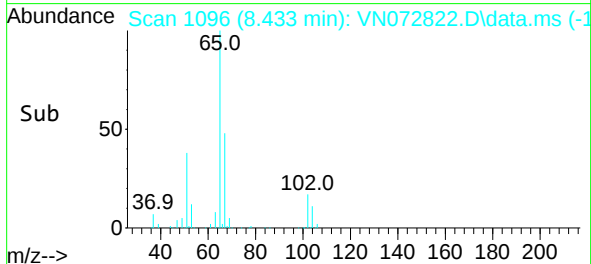
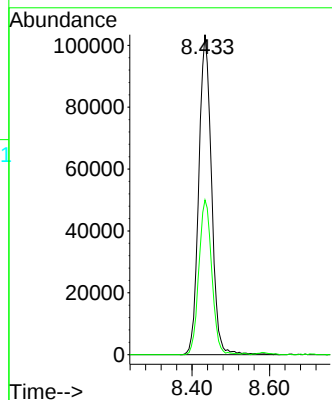
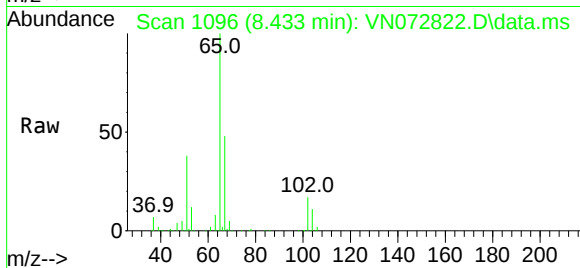
WC-14A-1A-9

Tgt Ion: 65 Resp: 235185

Ion Ratio Lower Upper

65 100

67 49.1 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: VN072822.D

Acq: 14 Jun 2022 02:37

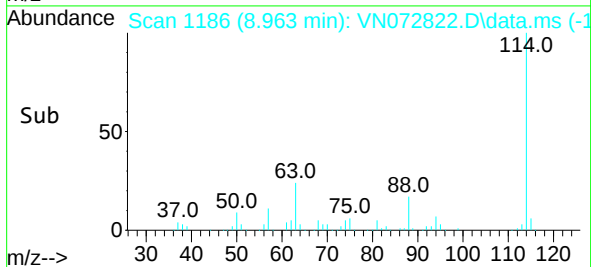
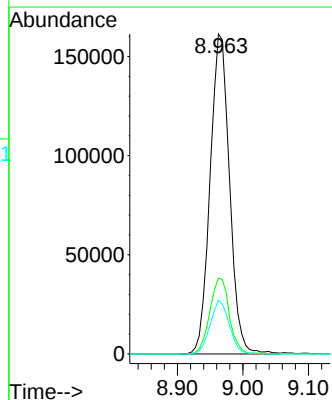
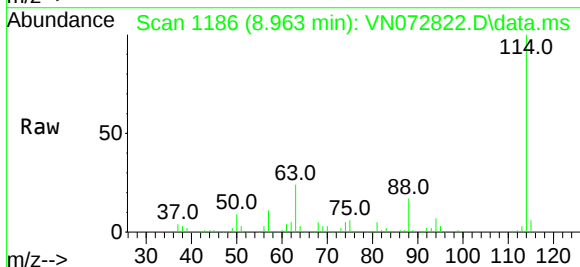
Tgt Ion: 114 Resp: 332057

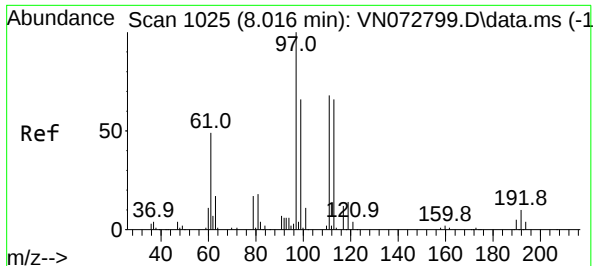
Ion Ratio Lower Upper

114 100

63 23.7 0.0 40.0

88 16.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.396 ug/l

RT: 8.016 min Scan# 113

Delta R.T. -0.000 min

Lab File: VN072822.D

Acq: 14 Jun 2022 02:37

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-9

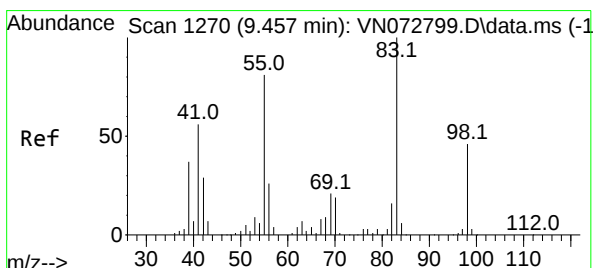
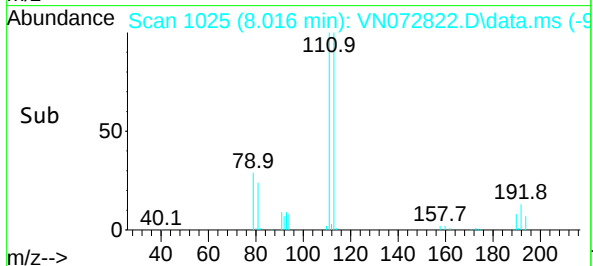
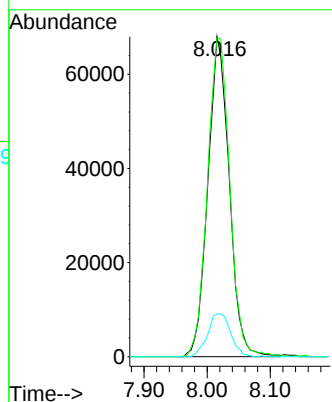
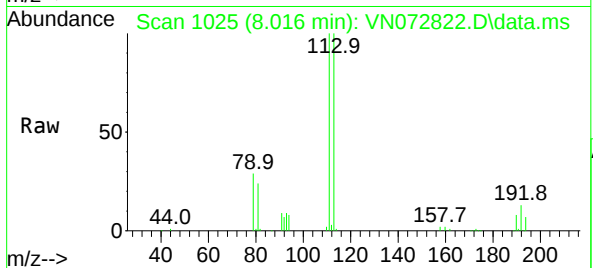
Tgt Ion:113 Resp: 160047

Ion Ratio Lower Upper

113 100

111 104.3 81.4 122.0

192 14.4 17.0 25.6#



#39

Methylcyclohexane

Concen: 3.414 ug/l

RT: 9.463 min Scan# 1271

Delta R.T. 0.006 min

Lab File: VN072822.D

Acq: 14 Jun 2022 02:37

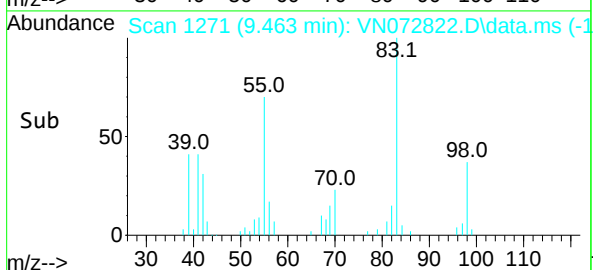
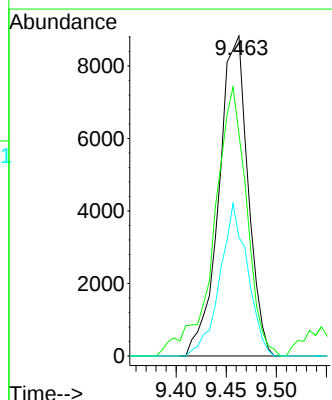
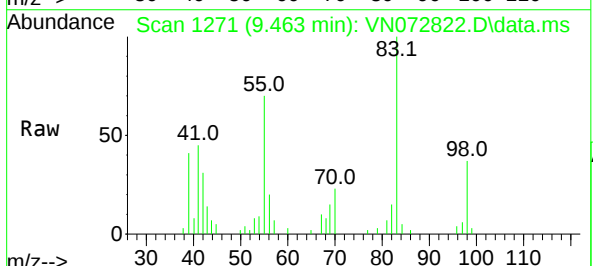
Tgt Ion: 83 Resp: 17831

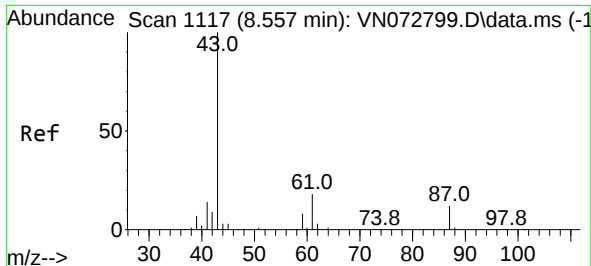
Ion Ratio Lower Upper

83 100

55 69.5 57.8 86.8

98 37.1 39.4 59.2#





#43

Isopropyl Acetate

Concen: 4.867 ug/l

RT: 8.563 min Scan# 1117

Delta R.T. 0.006 min

Lab File: VN072822.D

Acq: 14 Jun 2022 02:37

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-9

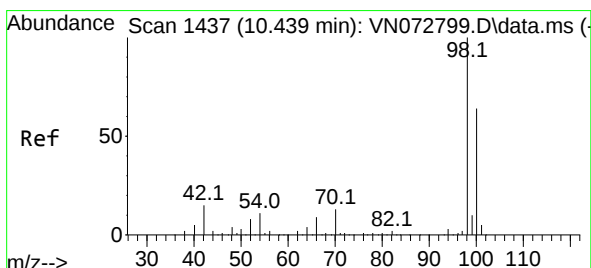
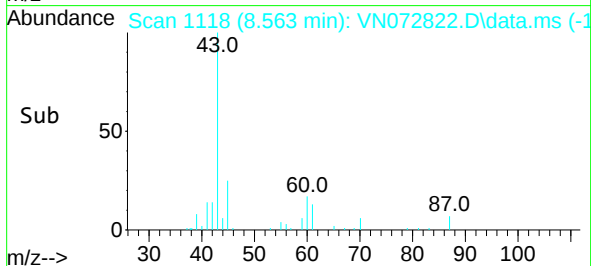
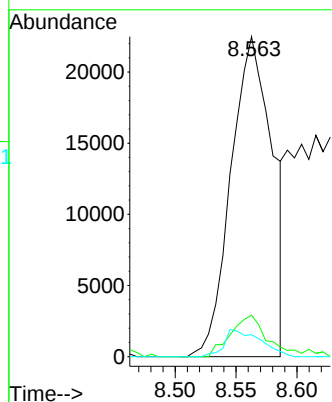
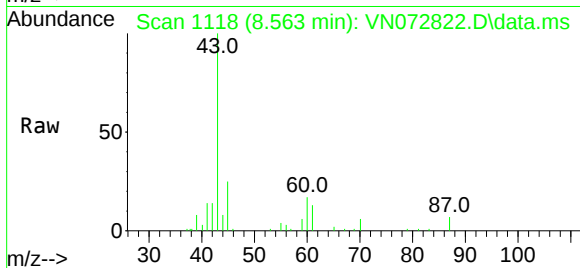
Tgt Ion: 43 Resp: 53044

Ion Ratio Lower Upper

43 100

61 11.4 21.9 32.9#

87 7.4 12.0 18.0#



#50

Toluene-d8

Concen: 42.053 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072822.D

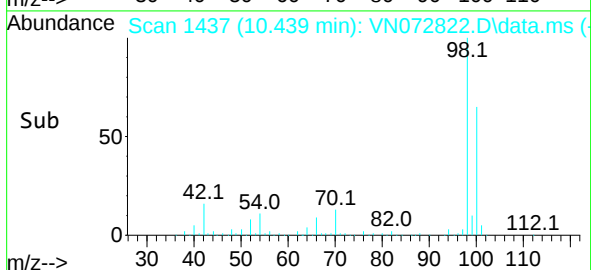
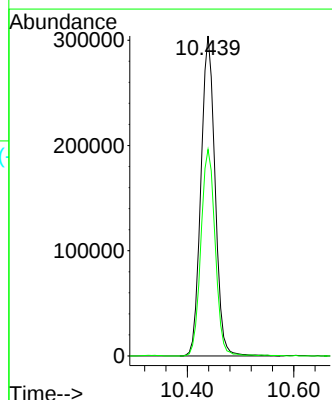
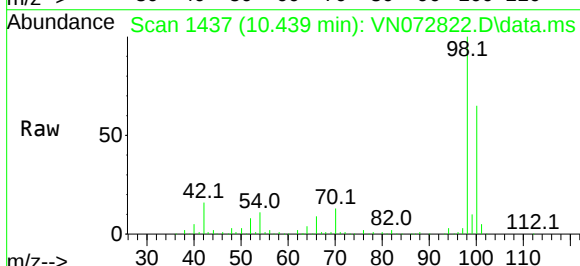
Acq: 14 Jun 2022 02:37

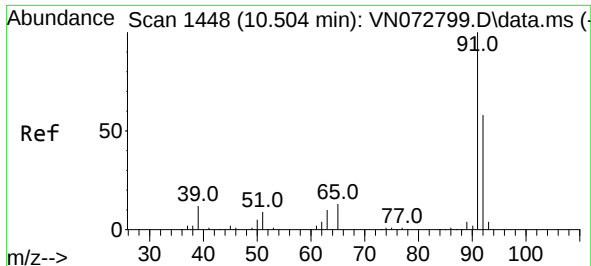
Tgt Ion: 98 Resp: 558512

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8

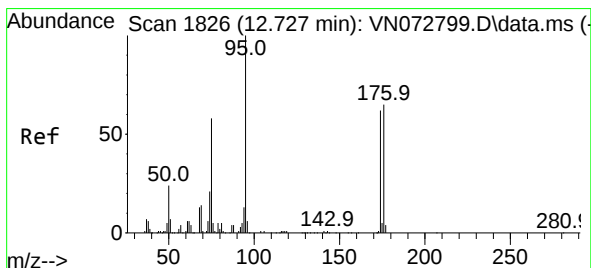
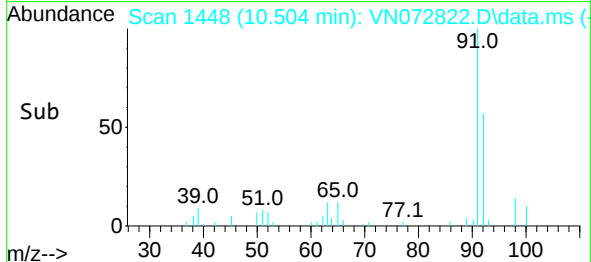
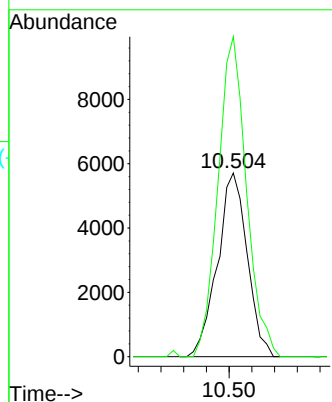
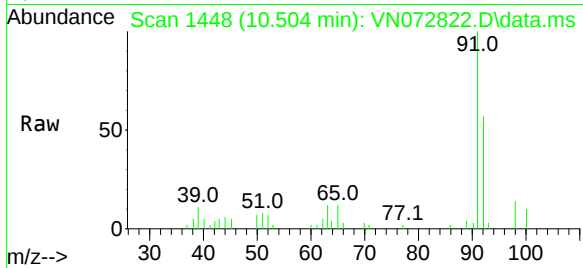




#52
Toluene
Concen: 1.197 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072822.D
Acq: 14 Jun 2022 02:37

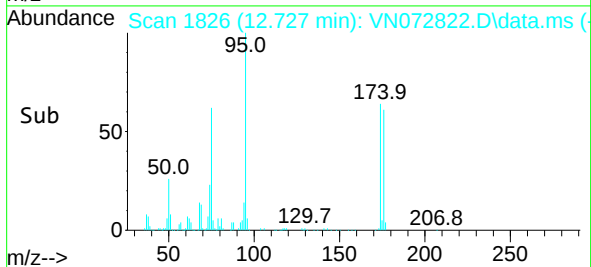
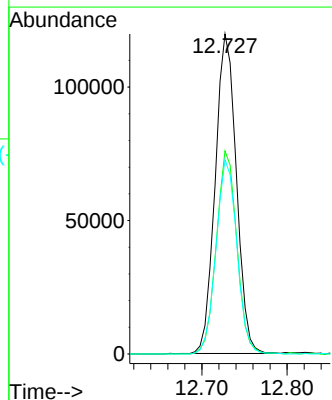
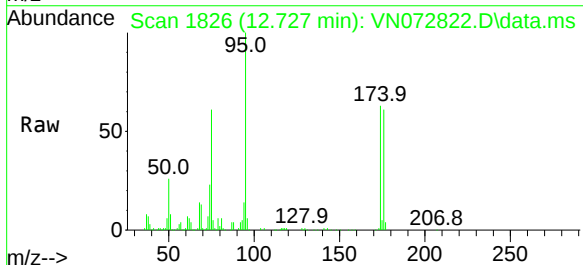
Instrument :
MSVOA_N
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WC-14A-1A-9

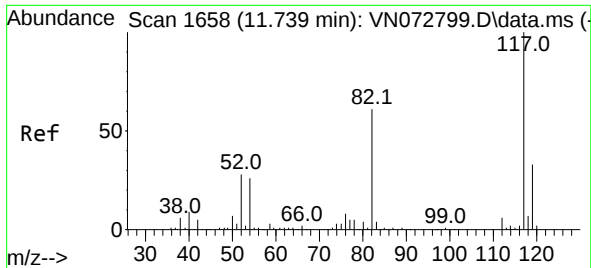
Tgt Ion: 92 Resp: 10373
Ion Ratio Lower Upper
92 100
91 166.9 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 43.963 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072822.D
Acq: 14 Jun 2022 02:37

Tgt Ion: 95 Resp: 206334
Ion Ratio Lower Upper
95 100
174 61.8 0.0 167.6
176 60.0 0.0 163.4

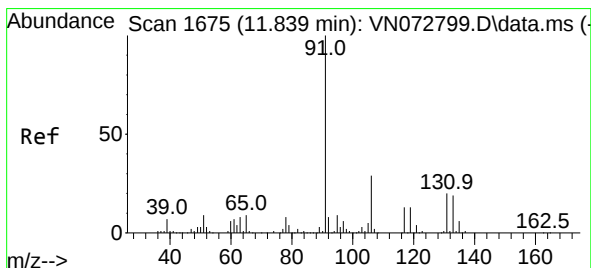
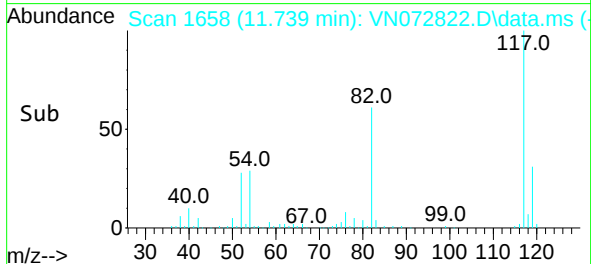
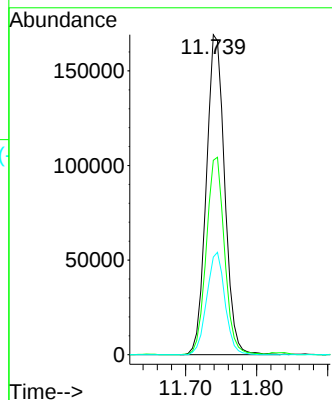
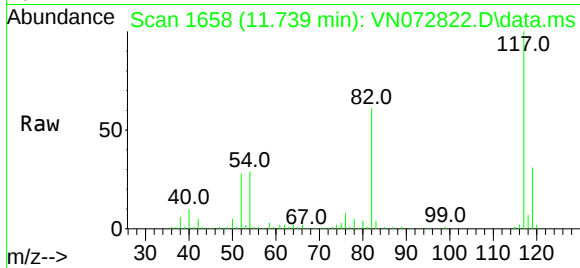




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072822.D
Acq: 14 Jun 2022 02:37

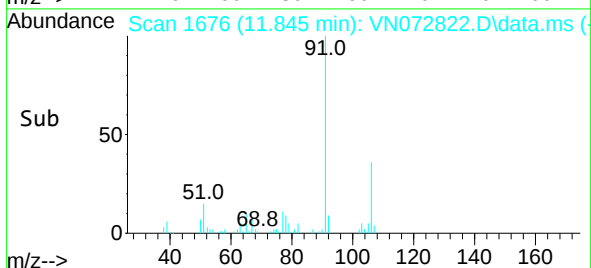
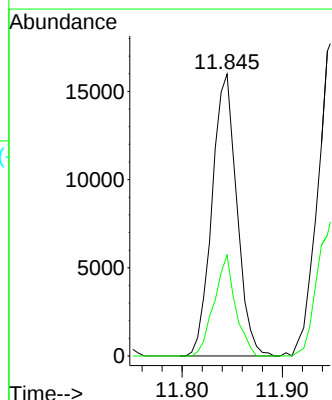
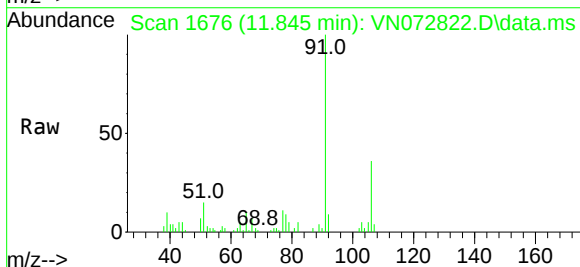
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-9

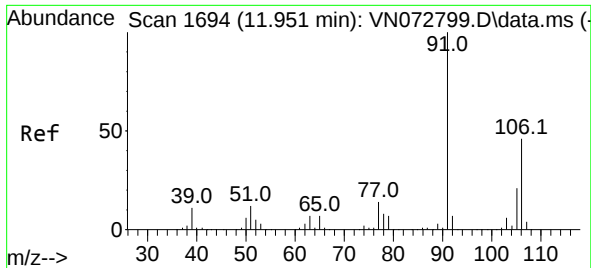
Tgt Ion:117 Resp: 304156
Ion Ratio Lower Upper
117 100
82 60.7 44.2 66.2
119 30.5 25.4 38.0



#67
Ethyl Benzene
Concen: 1.835 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VN072822.D
Acq: 14 Jun 2022 02:37

Tgt Ion: 91 Resp: 27483
Ion Ratio Lower Upper
91 100
106 35.7 24.9 37.3

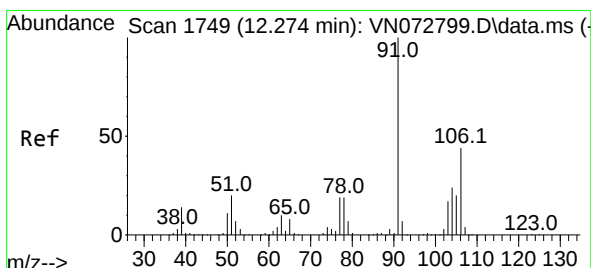
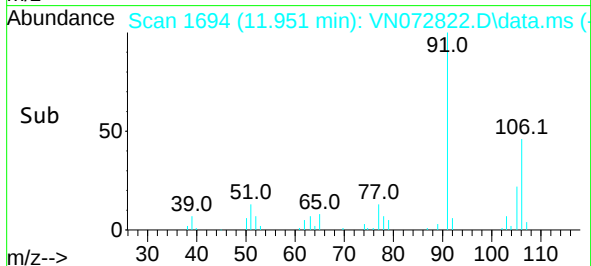
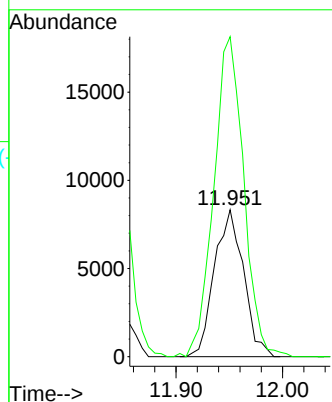
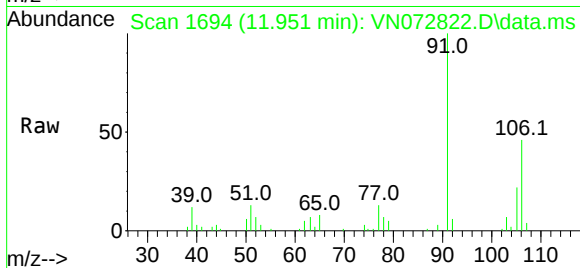




#68
m/p-Xylenes
Concen: 2.956 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072822.D
Acq: 14 Jun 2022 02:37

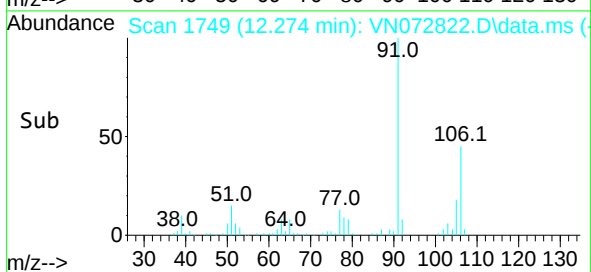
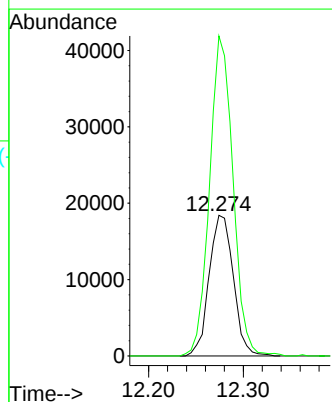
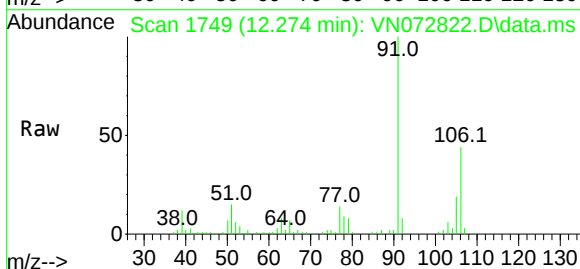
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-9

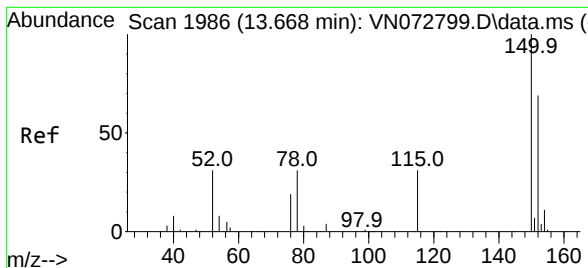
Tgt Ion:106 Resp: 15833
Ion Ratio Lower Upper
106 100
91 223.4 158.9 238.3



#69
o-Xylene
Concen: 6.075 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072822.D
Acq: 14 Jun 2022 02:37

Tgt Ion:106 Resp: 32755
Ion Ratio Lower Upper
106 100
91 220.6 106.0 318.0

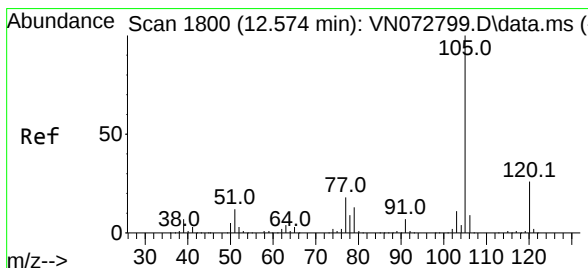
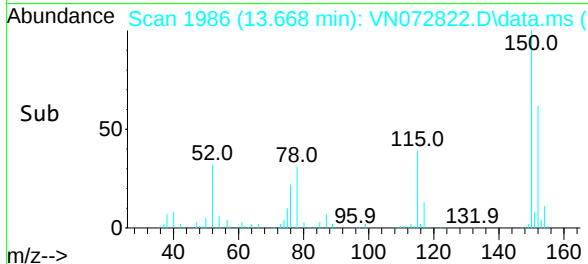
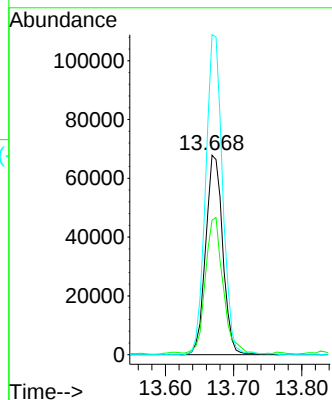
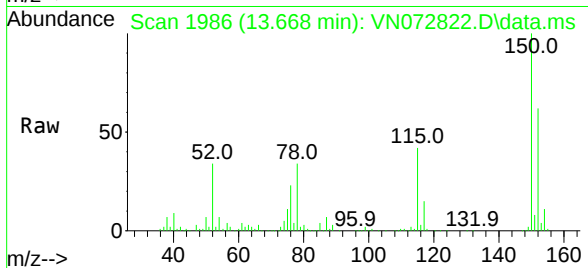




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072822.D
Acq: 14 Jun 2022 02:37

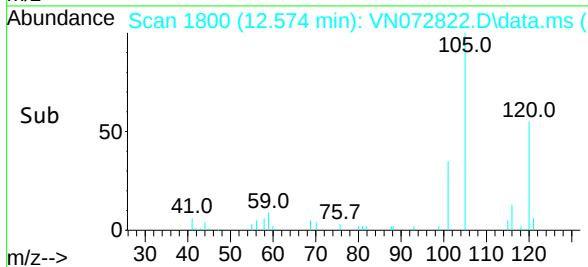
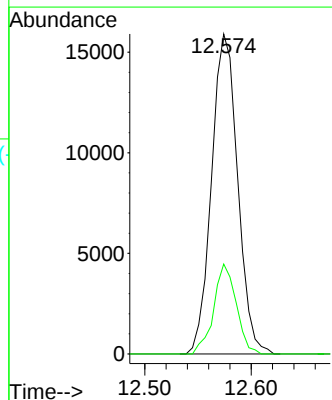
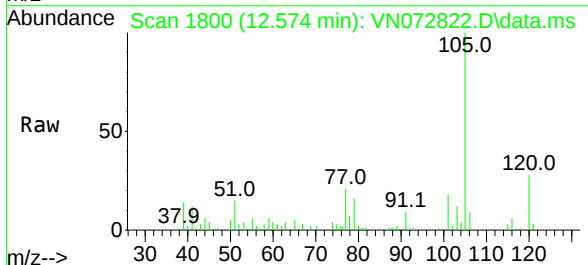
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-9

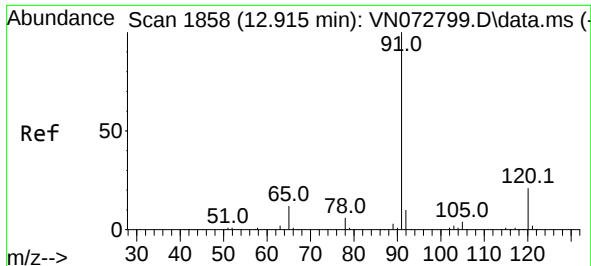
Tgt Ion:152 Resp: 118157
Ion Ratio Lower Upper
152 100
115 70.5 28.9 86.7
150 159.4 0.0 356.2



#73
Isopropylbenzene
Concen: 2.248 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072822.D
Acq: 14 Jun 2022 02:37

Tgt Ion:105 Resp: 27071
Ion Ratio Lower Upper
105 100
120 24.3 13.5 40.4

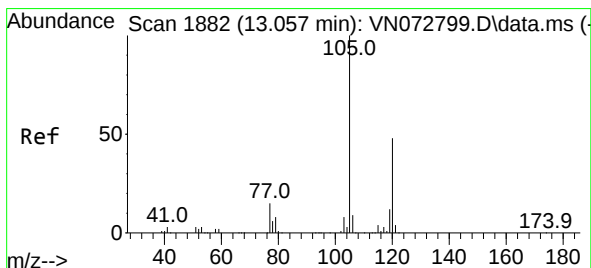
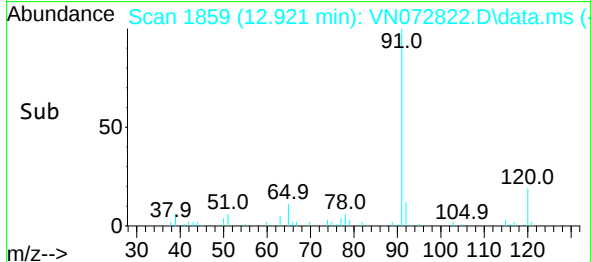
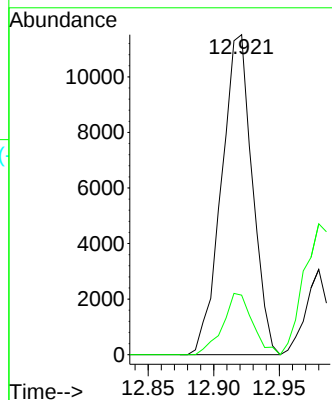
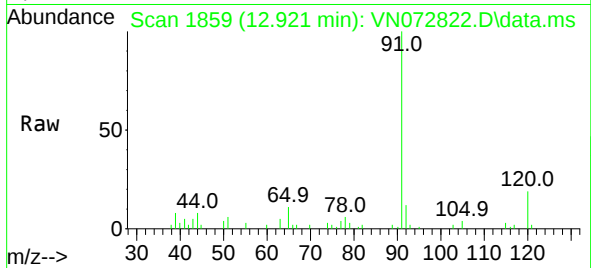




#78
n-propylbenzene
Concen: 1.404 ug/l
RT: 12.921 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN072822.D
Acq: 14 Jun 2022 02:37

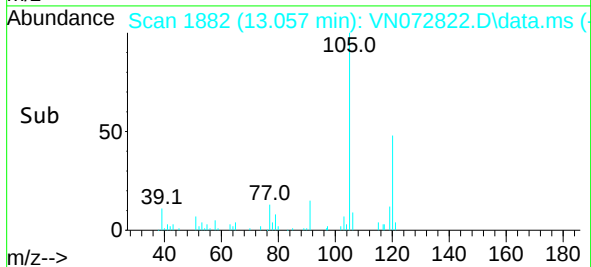
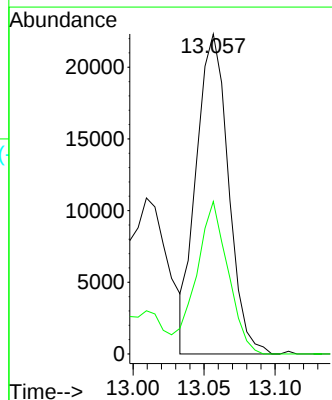
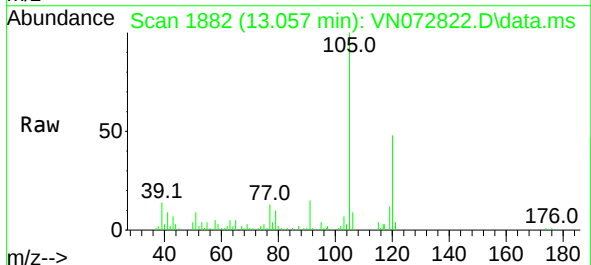
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-9

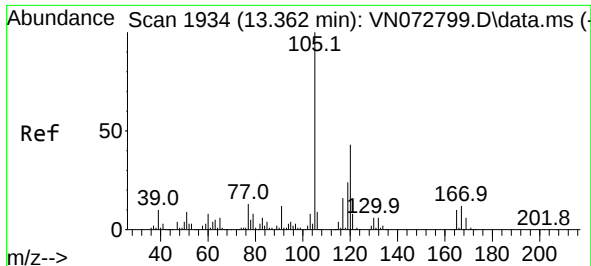
Tgt Ion: 91 Resp: 18824
Ion Ratio Lower Upper
91 100
120 18.4 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 3.597 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VN072822.D
Acq: 14 Jun 2022 02:37

Tgt Ion: 105 Resp: 35025
Ion Ratio Lower Upper
105 100
120 47.3 24.9 74.7

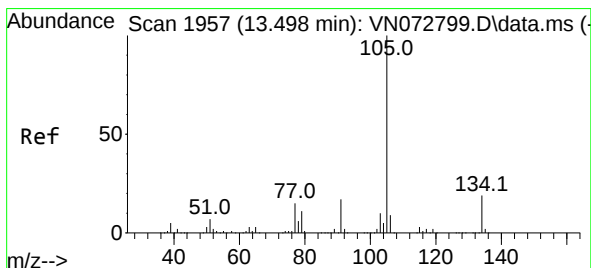
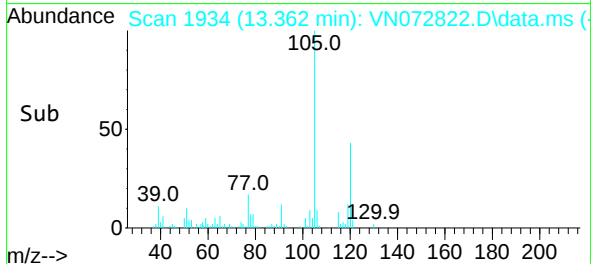
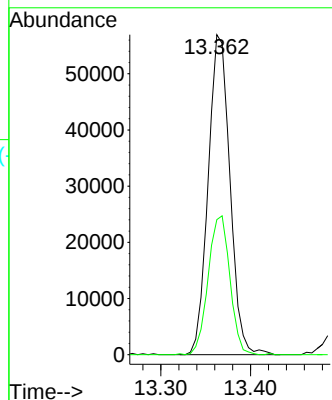
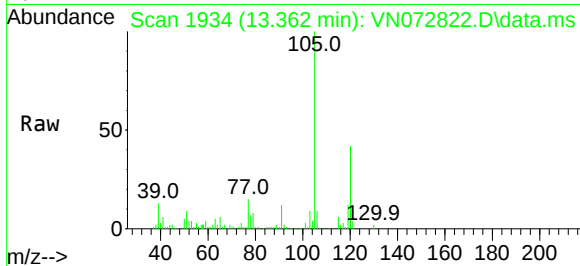




#84
1,2,4-Trimethylbenzene
Concen: 10.259 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN072822.D
Acq: 14 Jun 2022 02:37

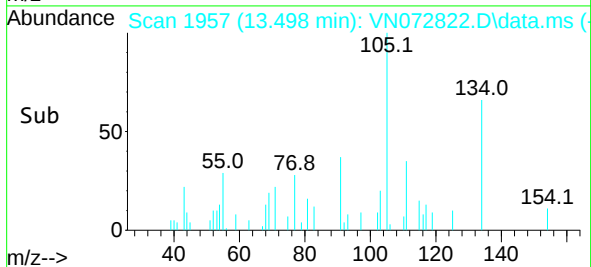
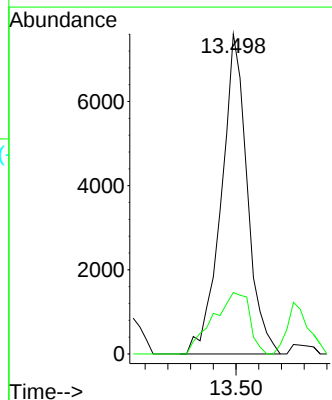
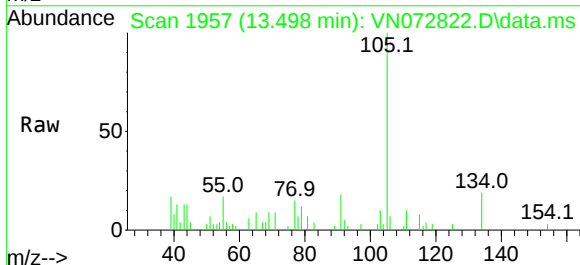
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-9

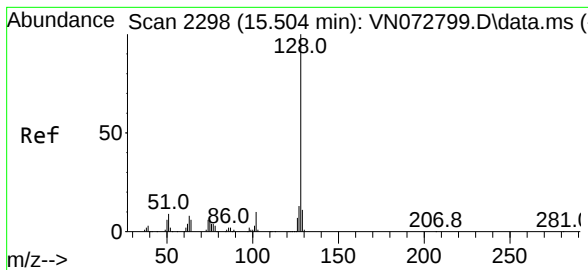
Tgt Ion:105 Resp: 95918
Ion Ratio Lower Upper
105 100
120 43.3 23.3 69.8



#85
sec-Butylbenzene
Concen: 1.040 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN072822.D
Acq: 14 Jun 2022 02:37

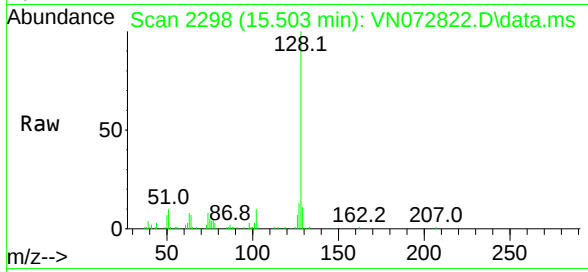
Tgt Ion:105 Resp: 12078
Ion Ratio Lower Upper
105 100
134 27.0 10.4 31.1





#95
 Naphthalene
 Concen: 9.747 ug/l
 RT: 15.503 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: VN072822.D
 Acq: 14 Jun 2022 02:37

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-9



Tgt Ion:128 Resp: 71583

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.3	15.5
129	12.4	8.6	13.0

