

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061322\
 Data File : VN072825.D
 Acq On : 14 Jun 2022 03:49
 Operator : JC\MD
 Sample : N3304-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: Jun 14 05:25:20 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)

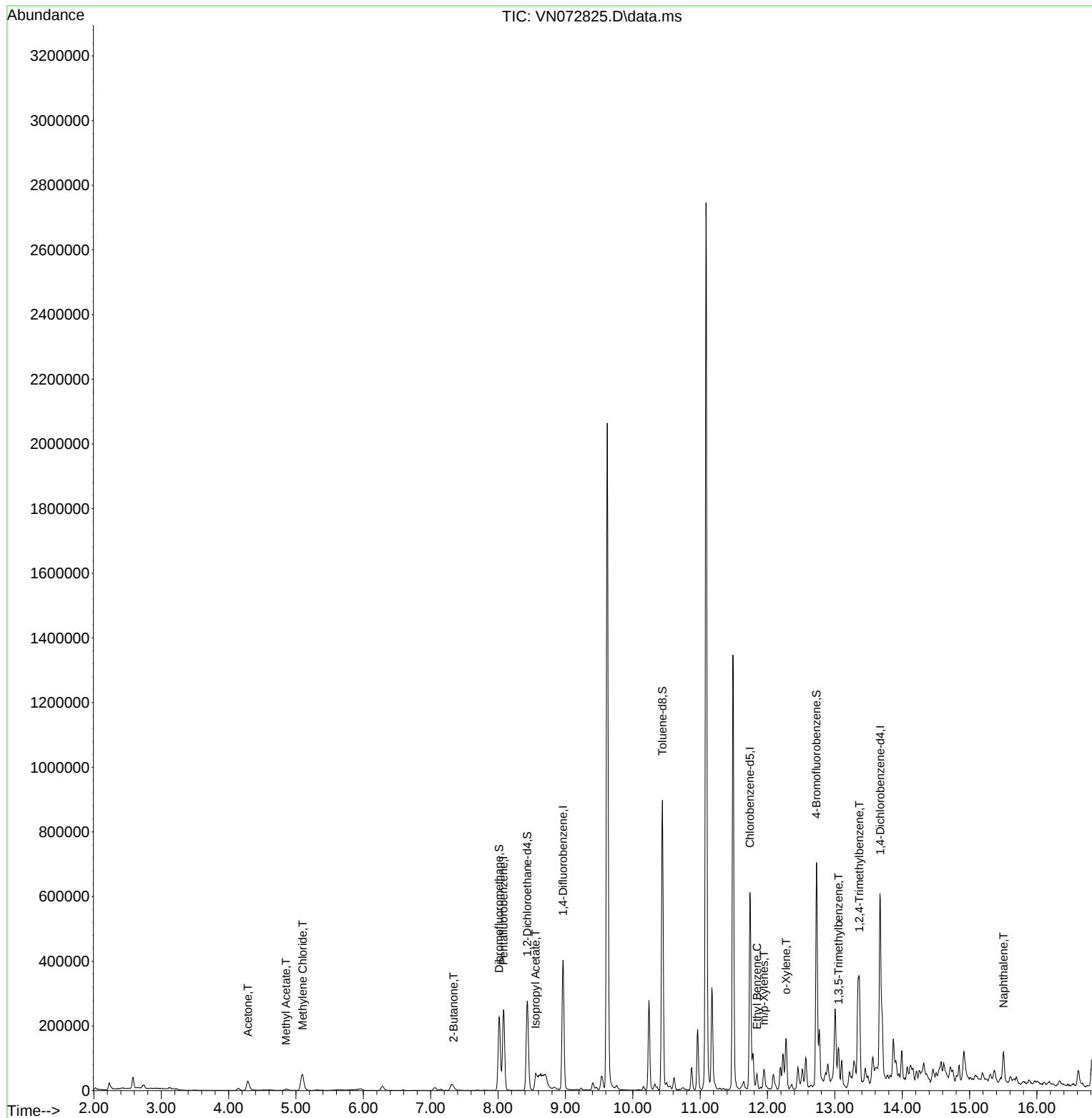
Internal Standards						
1) Pentafluorobenzene	8.080	168	154705	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	317414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	307553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	124912	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	233368	53.877	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 107.760%		
35) Dibromofluoromethane	8.016	113	161346	51.039	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 102.080%		
50) Toluene-d8	10.439	98	569289	44.842	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 89.680%		
62) 4-Bromofluorobenzene	12.727	95	227540	50.718	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 101.440%		
Target Compounds						
						Qvalue
16) Acetone	4.287	43	57040	28.998	ug/l	97
18) Methyl Acetate	4.851	43	9786	1.893	ug/l	93
20) Methylene Chloride	5.098	84	38173	13.293	ug/l #	81
25) 2-Butanone	7.339	43	19085	6.186	ug/l	89
43) Isopropyl Acetate	8.557	43	64048	6.147	ug/l #	71
67) Ethyl Benzene	11.845	91	29336	1.937	ug/l	90
68) m/p-Xylenes	11.945	106	16008	2.956	ug/l	85
69) o-Xylene	12.274	106	33015	6.056	ug/l	91
80) 1,3,5-Trimethylbenzene	13.057	105	45321	4.403	ug/l	95
84) 1,2,4-Trimethylbenzene	13.362	105	118805	12.019	ug/l	97
95) Naphthalene	15.504	128	80394	10.355	ug/l	97

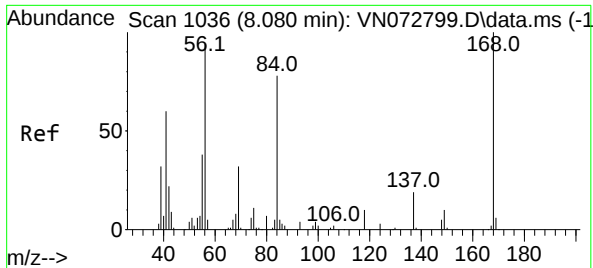
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061322W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

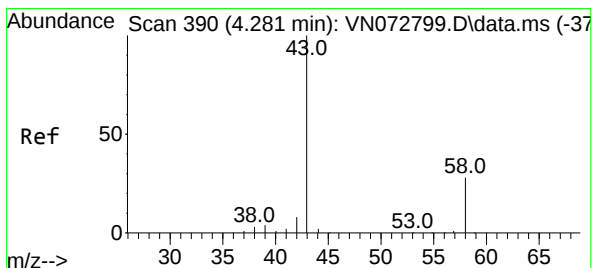
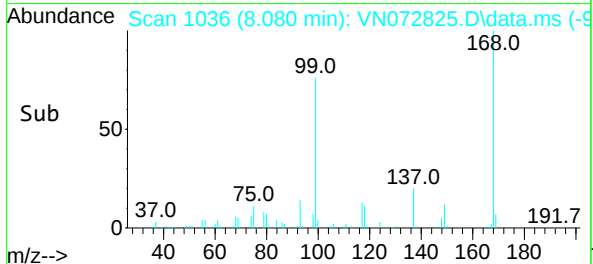
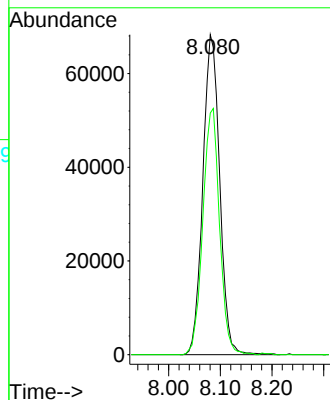
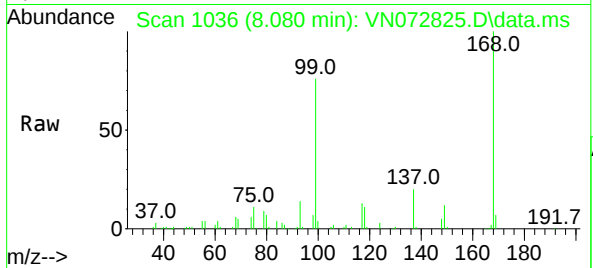




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VN072825.D
Acq: 14 Jun 2022 03:49

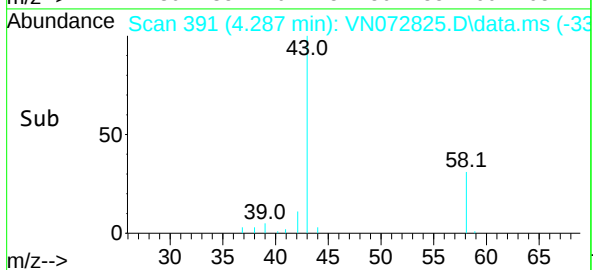
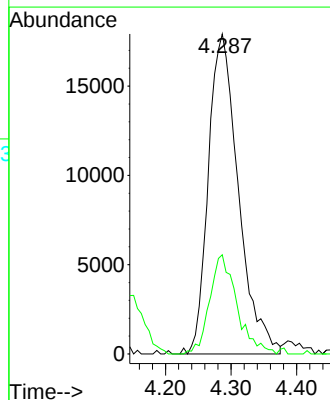
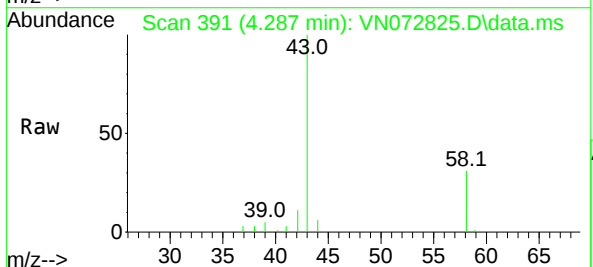
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-9-G

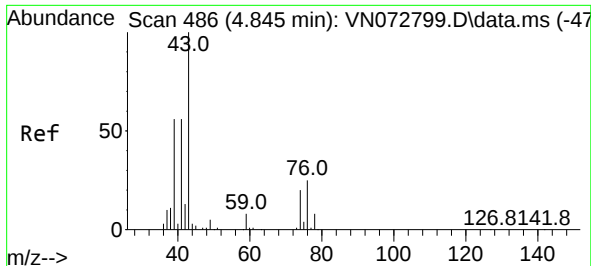
Tgt Ion:168 Resp: 154705
Ion Ratio Lower Upper
168 100
99 75.5 42.3 63.5#



#16
Acetone
Concen: 28.998 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072825.D
Acq: 14 Jun 2022 03:49

Tgt Ion: 43 Resp: 57040
Ion Ratio Lower Upper
43 100
58 31.0 26.0 39.0

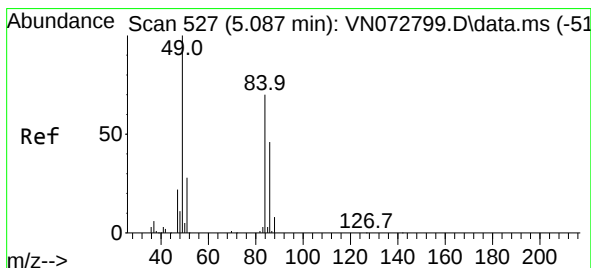
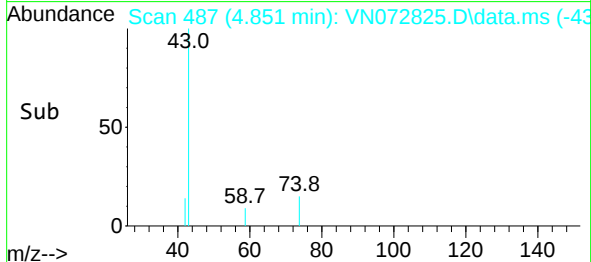
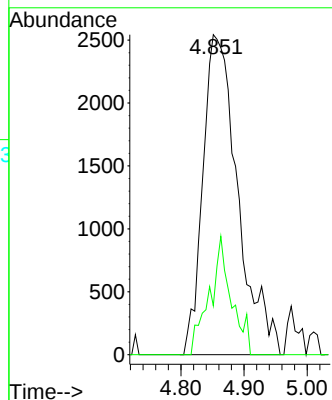
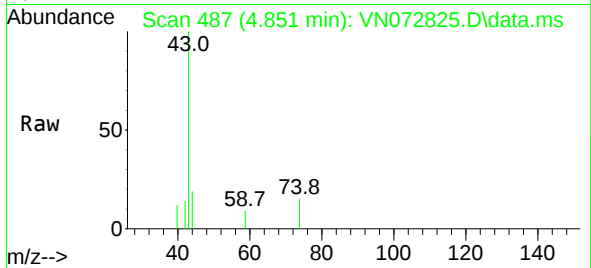




#18
Methyl Acetate
Concen: 1.893 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.006 min
Lab File: VN072825.D
Acq: 14 Jun 2022 03:49

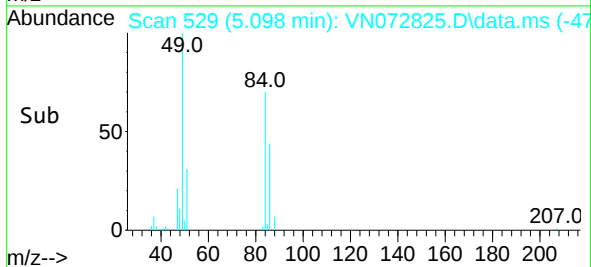
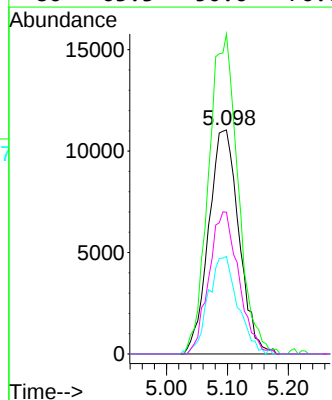
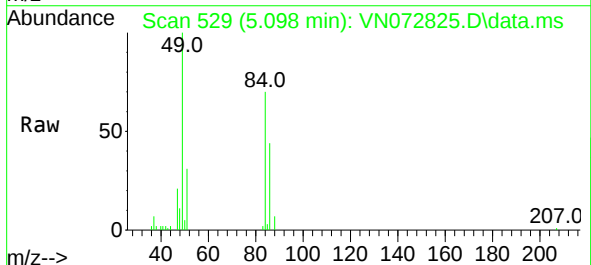
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-9-G

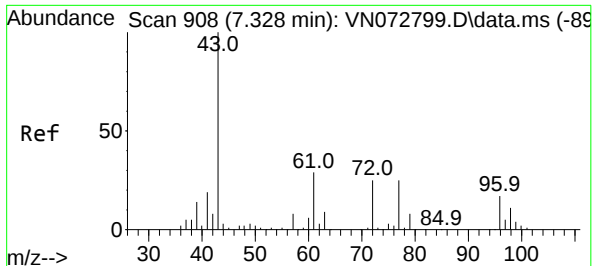
Tgt Ion: 43 Resp: 9786
Ion Ratio Lower Upper
43 100
74 23.1 21.6 32.4



#20
Methylene Chloride
Concen: 13.293 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.011 min
Lab File: VN072825.D
Acq: 14 Jun 2022 03:49

Tgt Ion: 84 Resp: 38173
Ion Ratio Lower Upper
84 100
49 142.8 88.3 132.5#
51 43.6 28.2 42.2#
86 63.3 50.6 76.0





#25

2-Butanone

Concen: 6.186 ug/l

RT: 7.339 min Scan# 910

Delta R.T. 0.011 min

Lab File: VN072825.D

Acq: 14 Jun 2022 03:49

Instrument :

MSVOA_N

ClientSampleId :

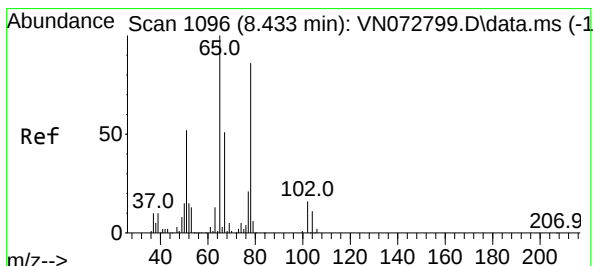
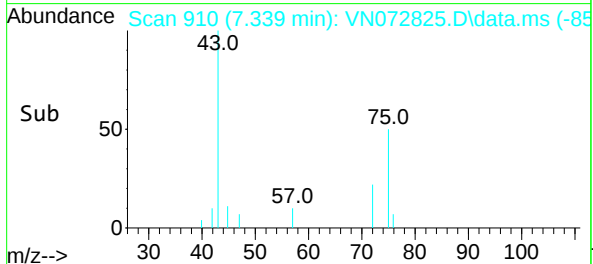
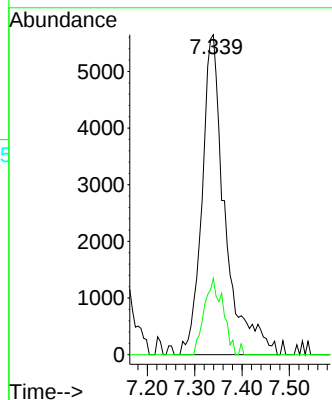
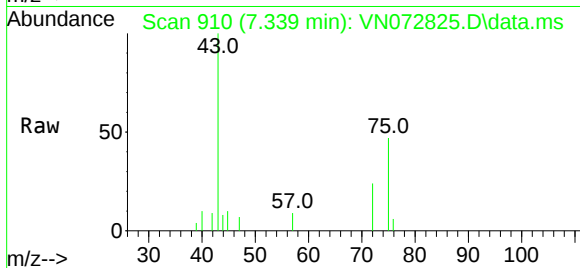
WC-14A-1A-9-G

Tgt Ion: 43 Resp: 19085

Ion Ratio Lower Upper

43 100

72 23.8 23.7 35.5



#33

1,2-Dichloroethane-d4

Concen: 53.877 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN072825.D

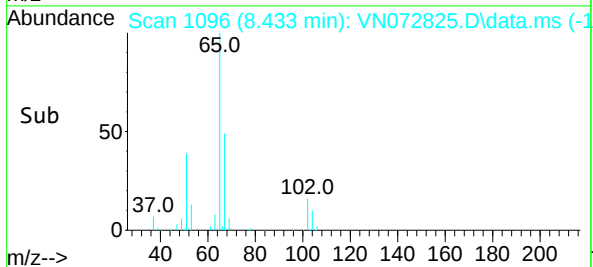
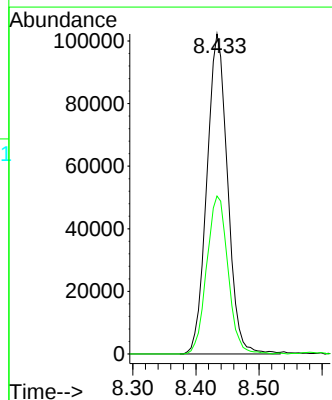
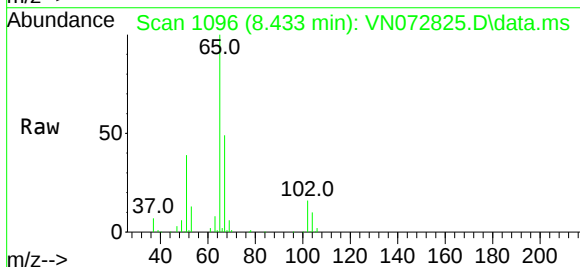
Acq: 14 Jun 2022 03:49

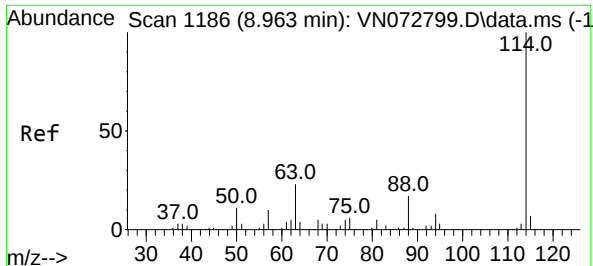
Tgt Ion: 65 Resp: 233368

Ion Ratio Lower Upper

65 100

67 50.6 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: VN072825.D

Acq: 14 Jun 2022 03:49

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-9-G

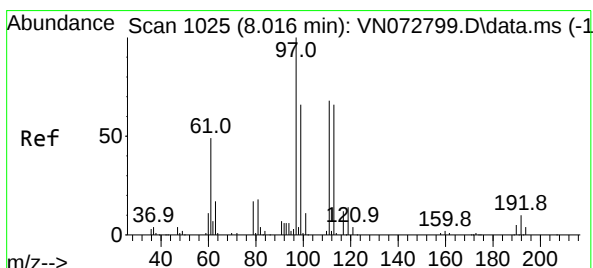
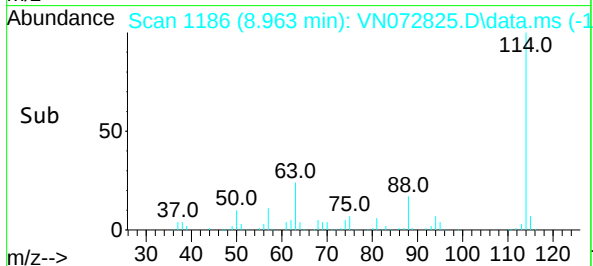
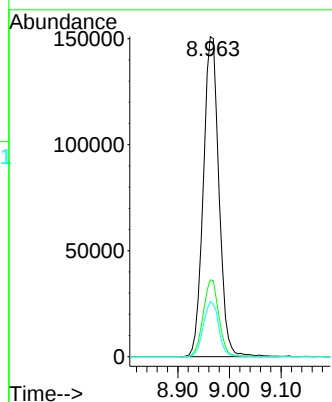
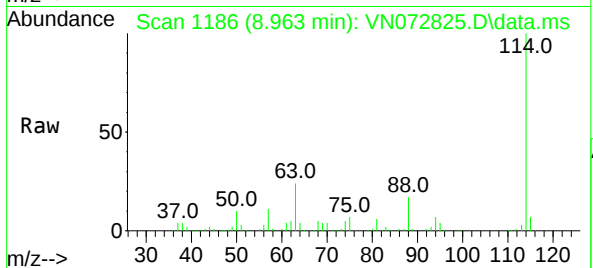
Tgt Ion:114 Resp: 317414

Ion Ratio Lower Upper

114 100

63 24.0 0.0 40.0

88 17.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.039 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072825.D

Acq: 14 Jun 2022 03:49

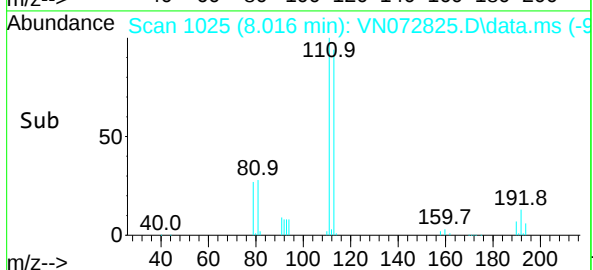
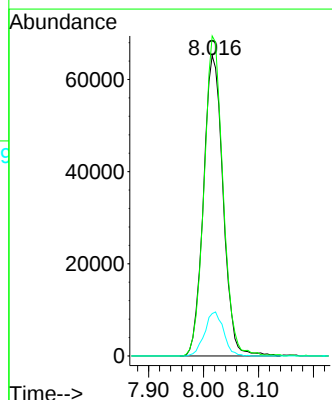
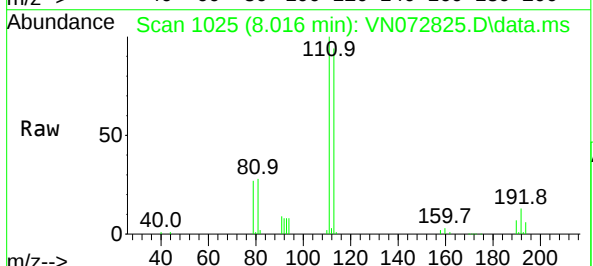
Tgt Ion:113 Resp: 161346

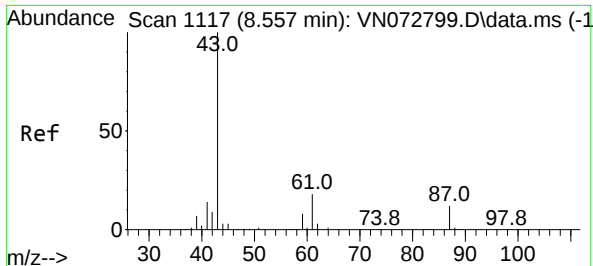
Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 14.2 17.0 25.6#





#43

Isopropyl Acetate

Concen: 6.147 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VN072825.D

Acq: 14 Jun 2022 03:49

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WC-14A-1A-9-G

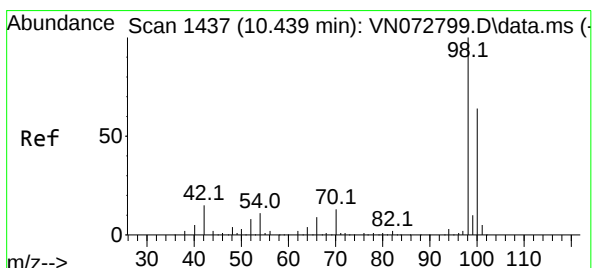
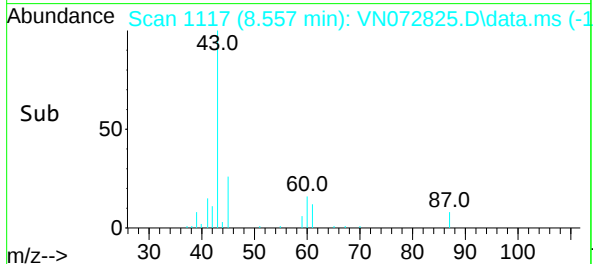
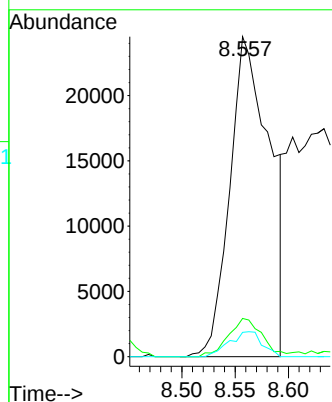
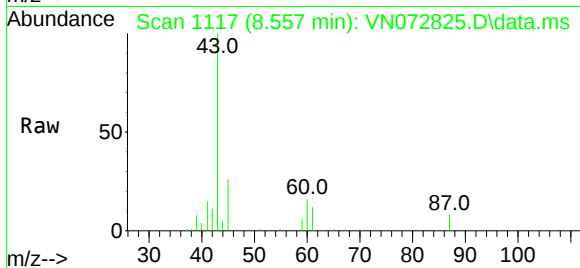
Tgt Ion: 43 Resp: 64048

Ion Ratio Lower Upper

43 100

61 10.0 21.9 32.9#

87 6.4 12.0 18.0#



#50

Toluene-d8

Concen: 44.842 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072825.D

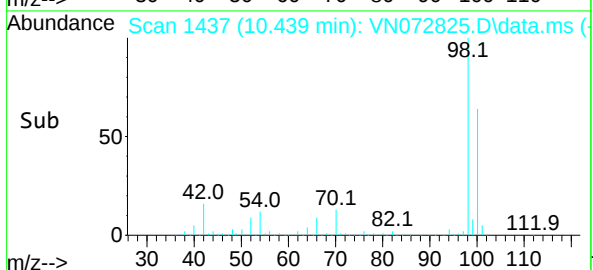
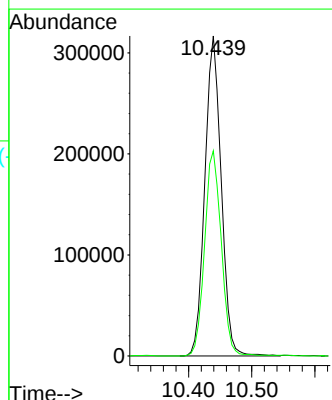
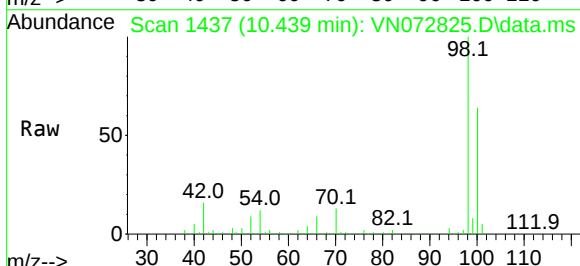
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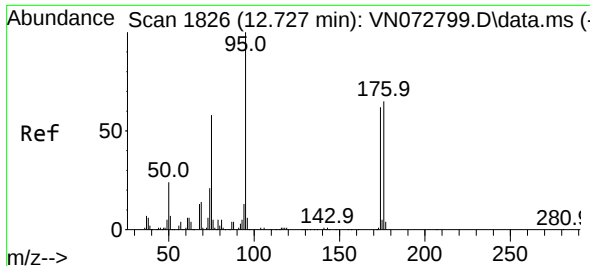
Tgt Ion: 98 Resp: 569289

Ion Ratio Lower Upper

98 100

100 65.4 52.6 78.8

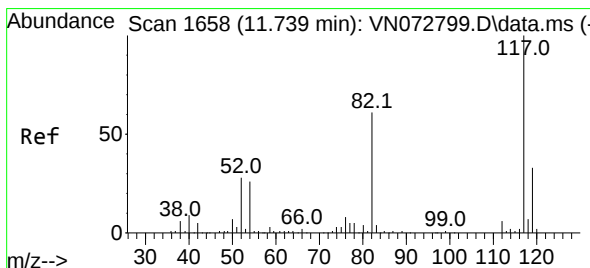
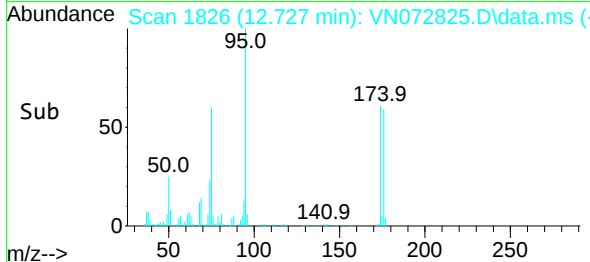
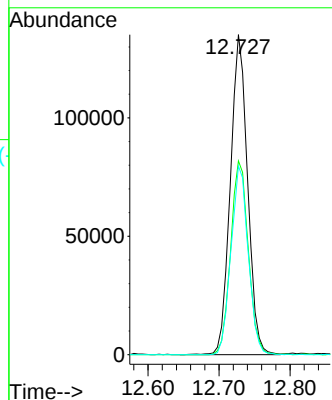
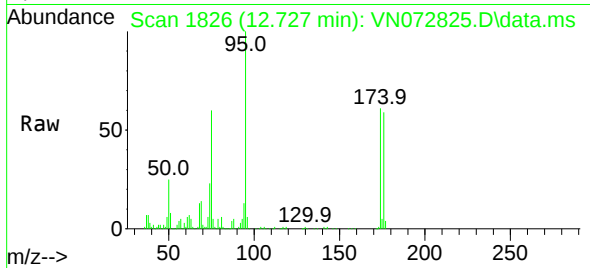




#62
4-Bromofluorobenzene
Concen: 50.718 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072825.D
Acq: 14 Jun 2022 03:49

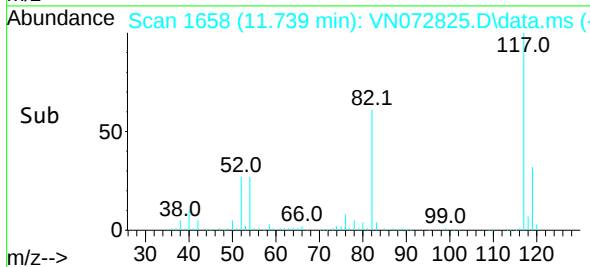
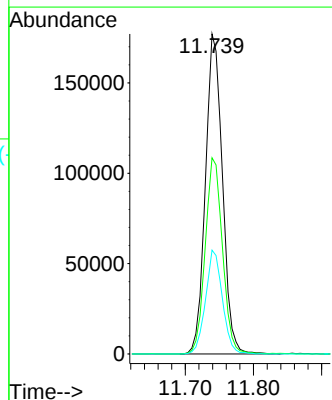
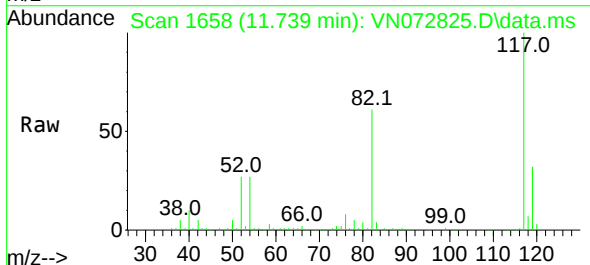
Instrument :
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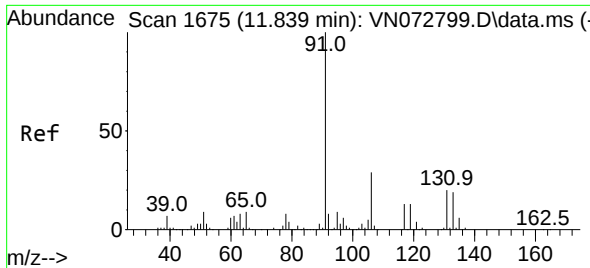
Tgt Ion: 95 Resp: 227540
Ion Ratio Lower Upper
95 100
174 62.2 0.0 167.6
176 58.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072825.D
Acq: 14 Jun 2022 03:49

Tgt Ion: 117 Resp: 307553
Ion Ratio Lower Upper
117 100
82 61.3 44.2 66.2
119 32.4 25.4 38.0

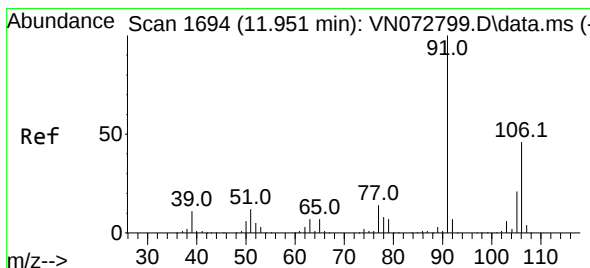
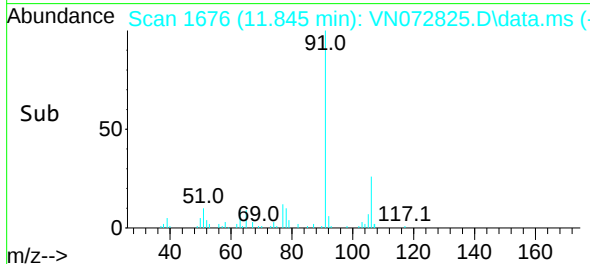
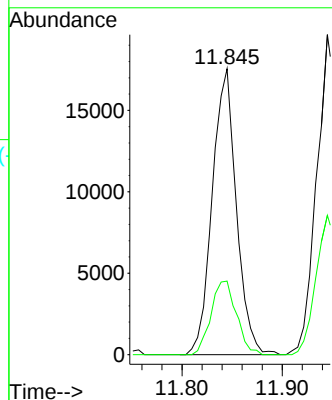
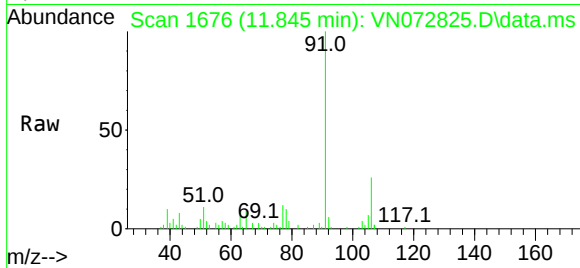




#67
Ethyl Benzene
Concen: 1.937 ug/l
RT: 11.845 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN072825.D
Acq: 14 Jun 2022 03:49

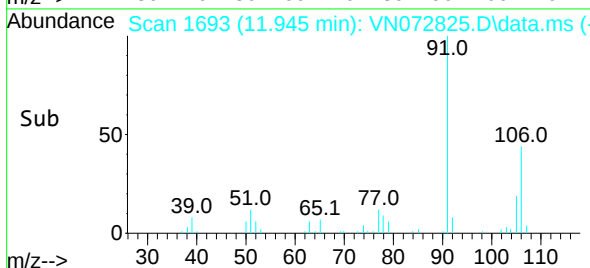
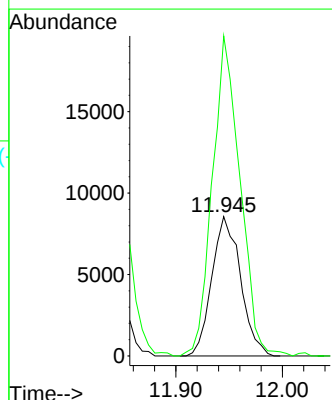
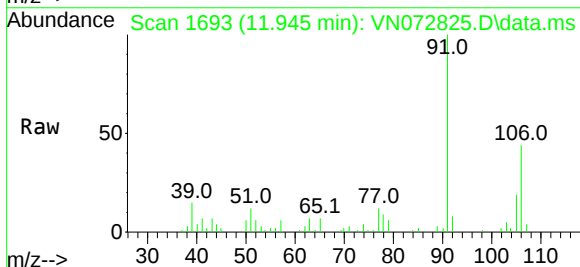
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-9-G

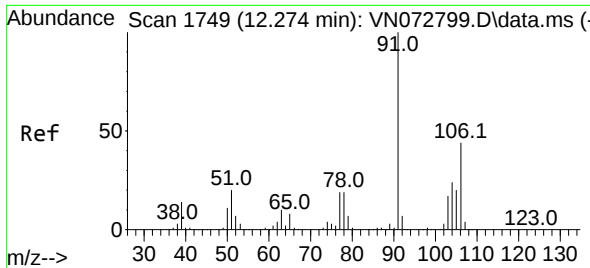
Tgt Ion: 91 Resp: 29336
Ion Ratio Lower Upper
91 100
106 25.7 24.9 37.3



#68
m/p-Xylenes
Concen: 2.956 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072825.D
Acq: 14 Jun 2022 03:49

Tgt Ion: 106 Resp: 16008
Ion Ratio Lower Upper
106 100
91 221.2 158.9 238.3

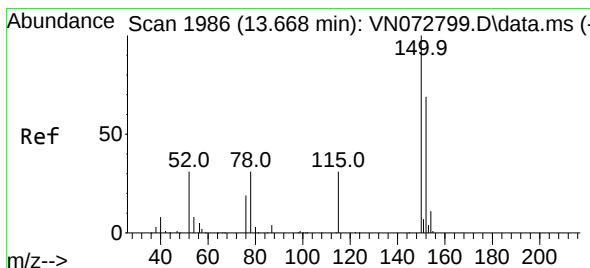
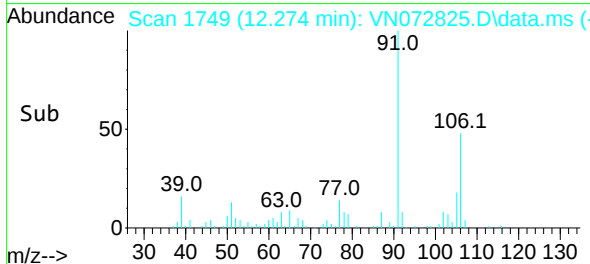
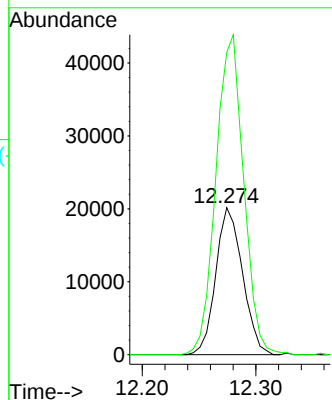
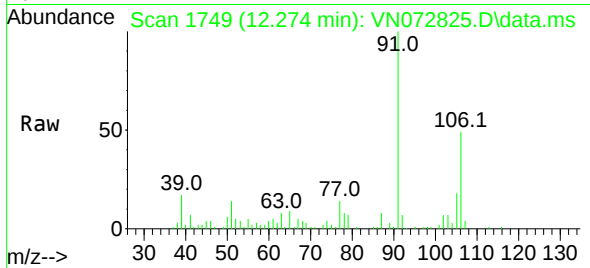




#69
o-Xylene
Concen: 6.056 ug/l
RT: 12.274 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072825.D
Acq: 14 Jun 2022 03:49

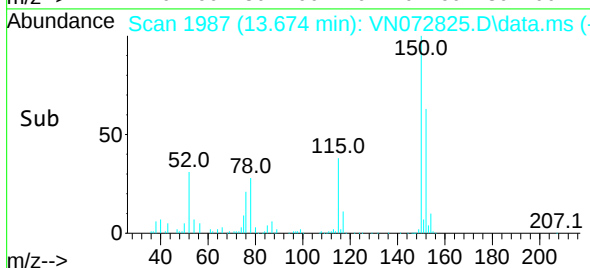
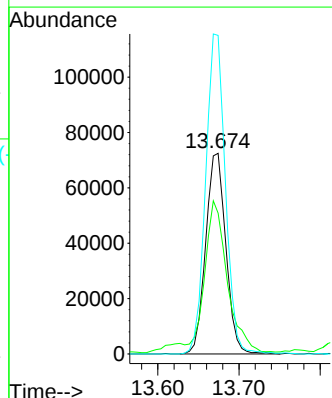
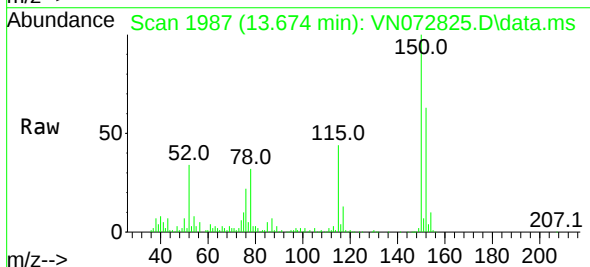
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-9-G

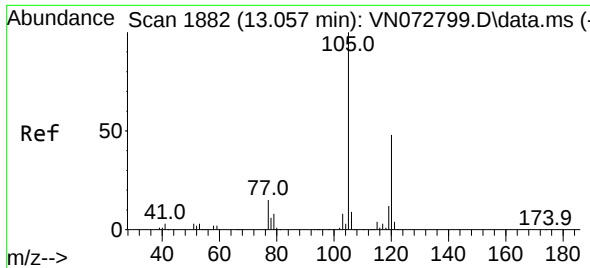
Tgt Ion:106 Resp: 33015
Ion Ratio Lower Upper
106 100
91 225.9 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN072825.D
Acq: 14 Jun 2022 03:49

Tgt Ion:152 Resp: 124912
Ion Ratio Lower Upper
152 100
115 90.2 28.9 86.7#
150 156.5 0.0 356.2

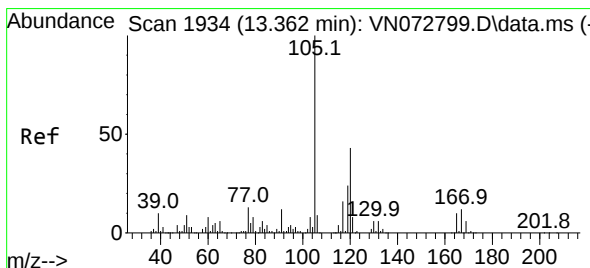
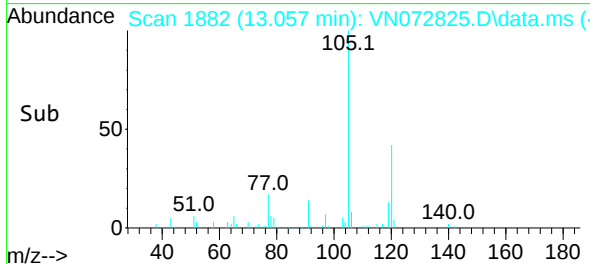
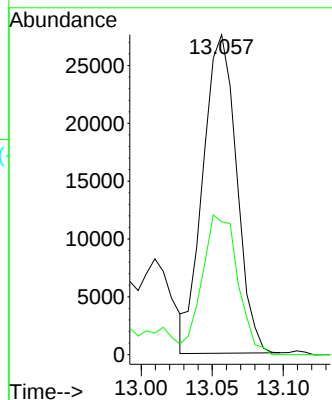
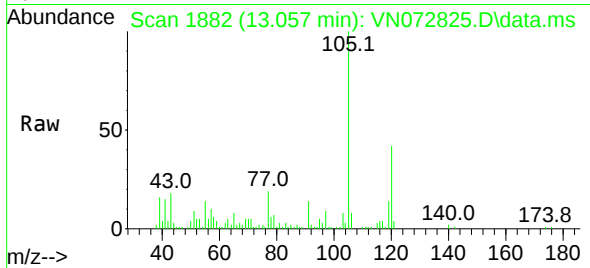




#80
 1,3,5-Trimethylbenzene
 Concen: 4.403 ug/l
 RT: 13.057 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN072825.D
 Acq: 14 Jun 2022 03:49

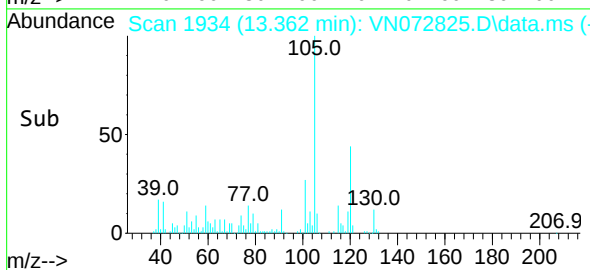
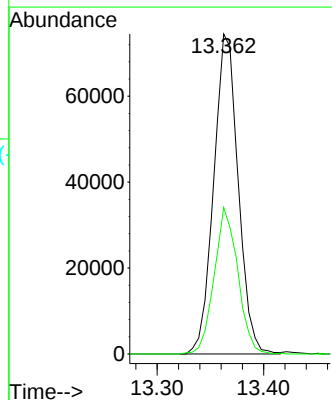
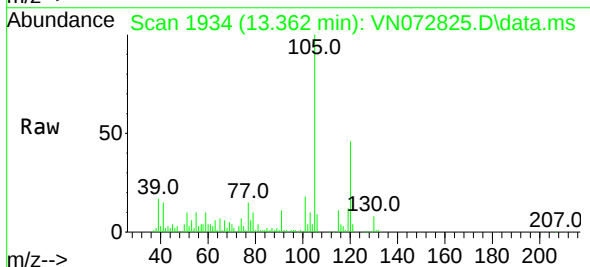
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-9-G

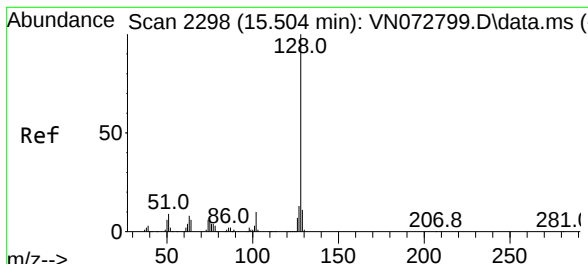
Tgt Ion:105 Resp: 45321
 Ion Ratio Lower Upper
 105 100
 120 46.3 24.9 74.7



#84
 1,2,4-Trimethylbenzene
 Concen: 12.019 ug/l
 RT: 13.362 min Scan# 1934
 Delta R.T. 0.000 min
 Lab File: VN072825.D
 Acq: 14 Jun 2022 03:49

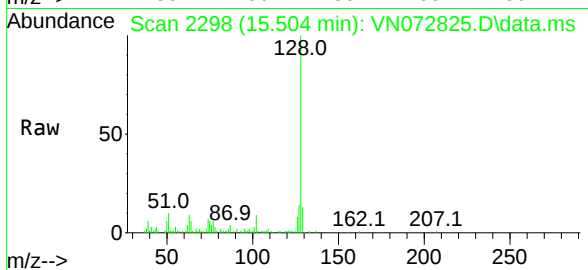
Tgt Ion:105 Resp: 118805
 Ion Ratio Lower Upper
 105 100
 120 44.2 23.3 69.8





#95
 Naphthalene
 Concen: 10.355 ug/l
 RT: 15.504 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN072825.D
 Acq: 14 Jun 2022 03:49

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



Tgt Ion:	128	Resp:	80394
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	12.4	8.6	13.0

