

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041922\
 Data File : VN072049.D
 Acq On : 19 Apr 2022 15:01
 Operator : JC\MD
 Sample : N2452-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-15-1-4-GR

Quant Time: Apr 20 01:25:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.075	168	573970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	978763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1185101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	452053	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	309402	47.219	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.440%
35) Dibromofluoromethane	8.010	113	273417	47.473	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.940%
50) Toluene-d8	10.433	98	1311604	55.669	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	111.340%
62) 4-Bromofluorobenzene	12.727	95	491886	64.553	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	129.100%

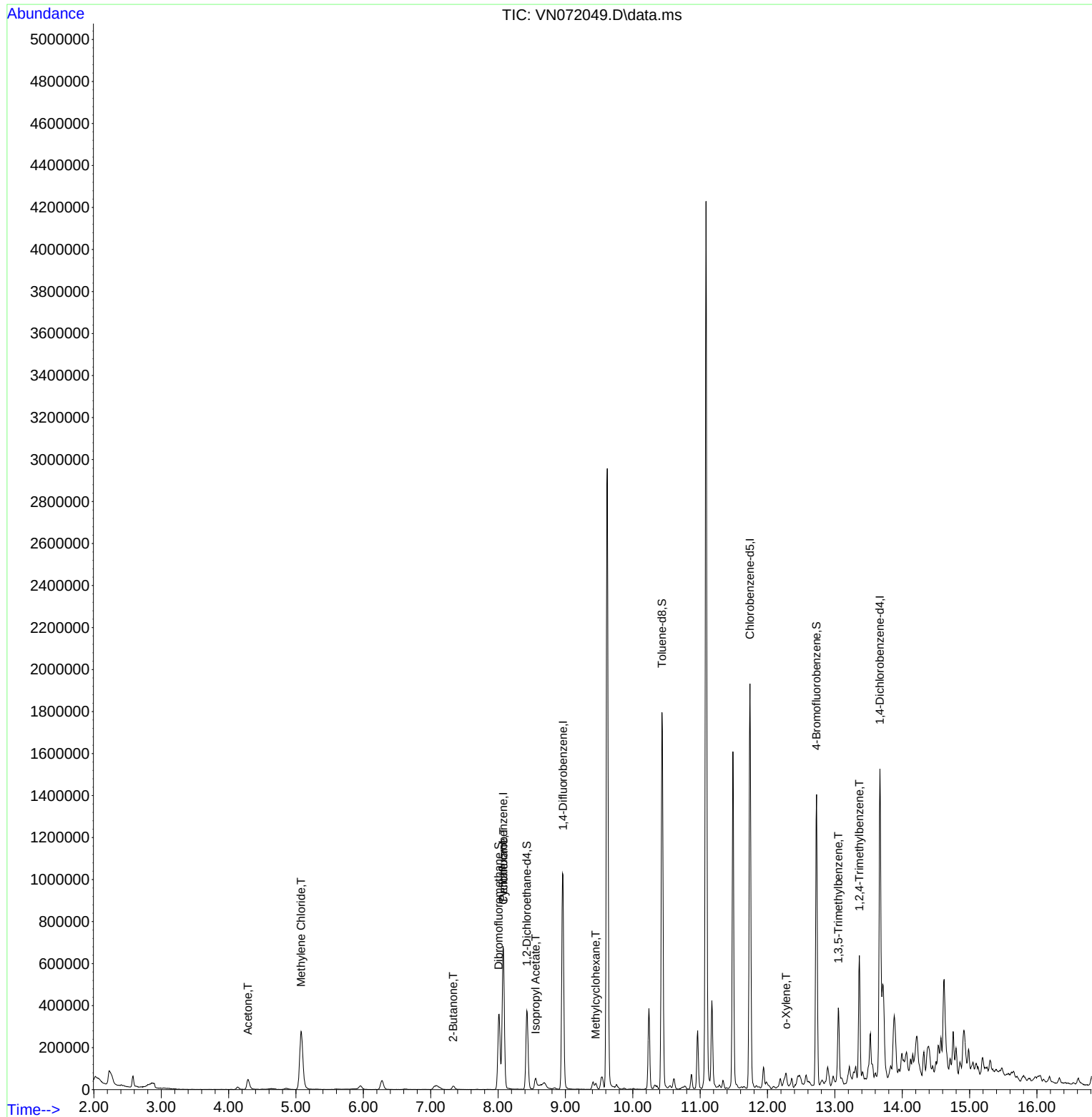
Target Compounds						Qvalue
16) Acetone	4.287	43	83919	29.968	ug/l	92
20) Methylene Chloride	5.075	84	255220	43.240	ug/l	97
25) 2-Butanone	7.334	43	30685	7.601	ug/l	98
31) Cyclohexane	8.081	56	14121	1.585	ug/l #	13
39) Methylcyclohexane	9.451	83	11442	1.195	ug/l #	89
43) Isopropyl Acetate	8.557	43	62386	4.261	ug/l #	86
69) o-Xylene	12.274	106	17149	1.119	ug/l	96
80) 1,3,5-Trimethylbenzene	13.051	105	169433	5.614	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	356749	12.114	ug/l	100

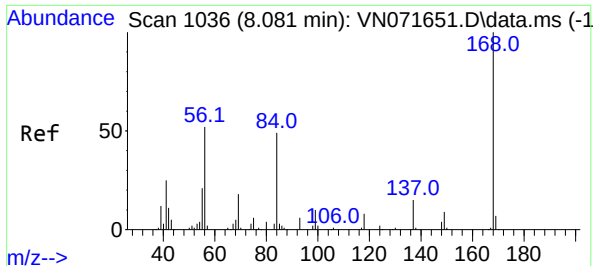
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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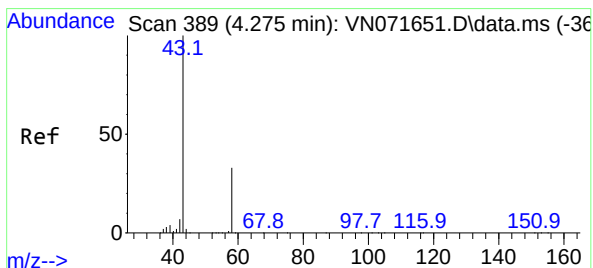
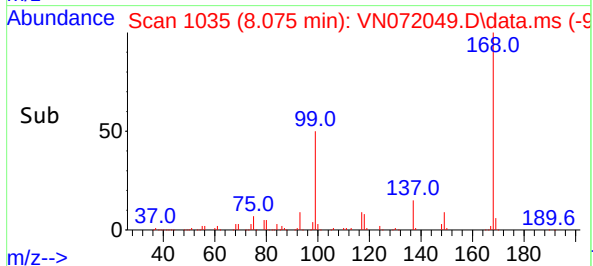
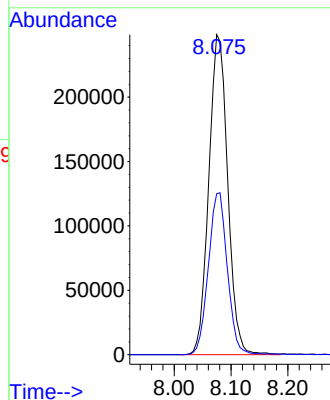
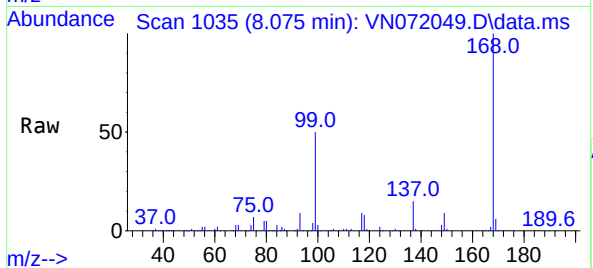




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.075 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VN072049.D
Acq: 19 Apr 2022 15:01

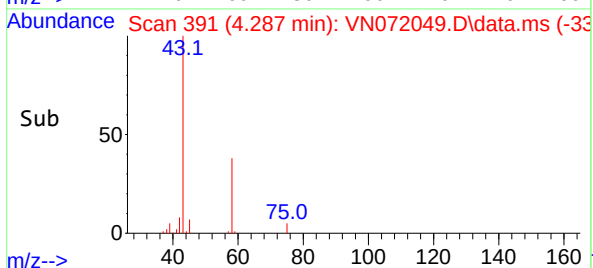
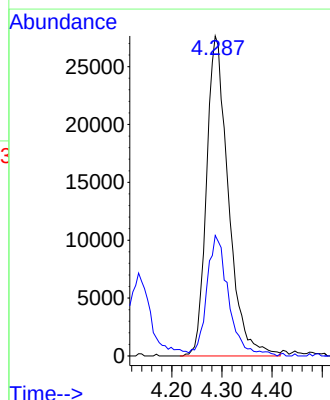
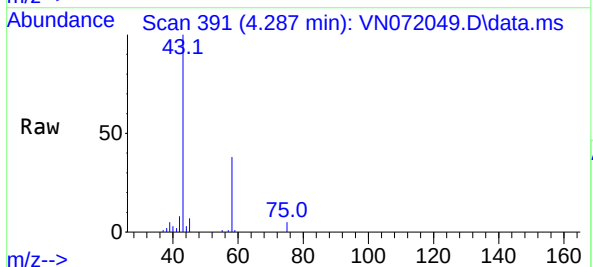
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-4-GR

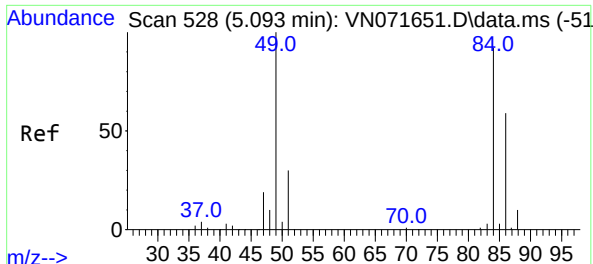
Tgt Ion:168 Resp: 573970
Ion Ratio Lower Upper
168 100
99 50.3 42.3 63.5



#16
Acetone
Concen: 29.968 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072049.D
Acq: 19 Apr 2022 15:01

Tgt Ion: 43 Resp: 83919
Ion Ratio Lower Upper
43 100
58 37.0 26.0 39.0

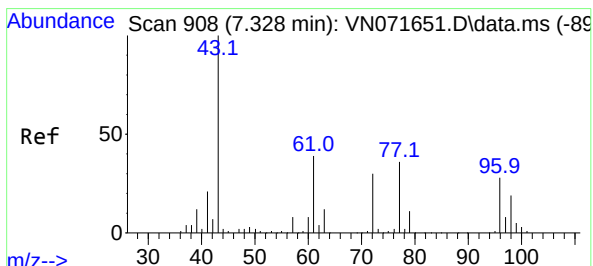
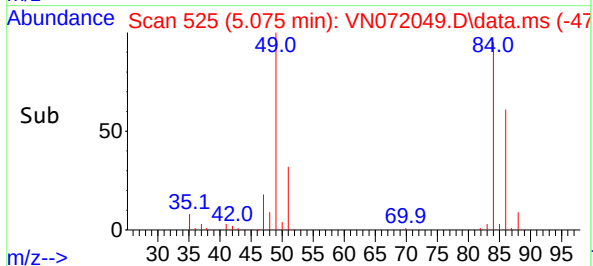
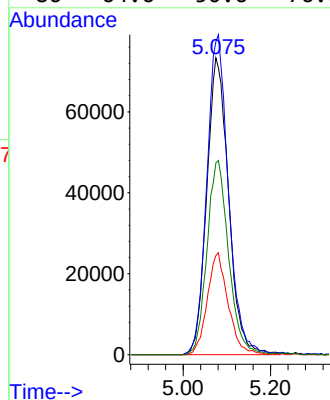
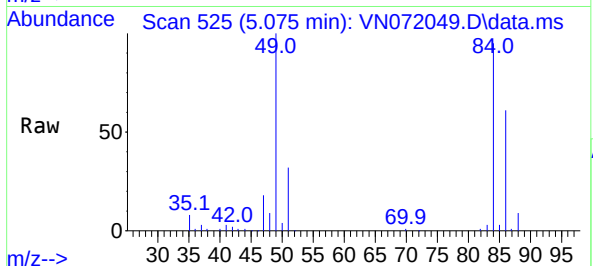




#20
Methylene Chloride
Concen: 43.240 ug/l
RT: 5.075 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN072049.D
Acq: 19 Apr 2022 15:01

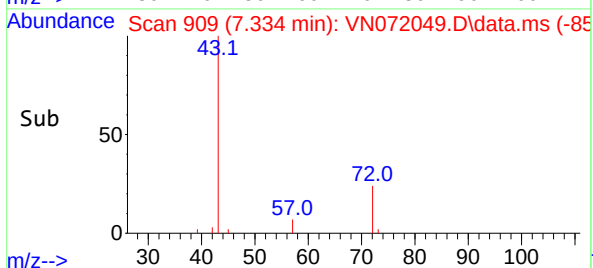
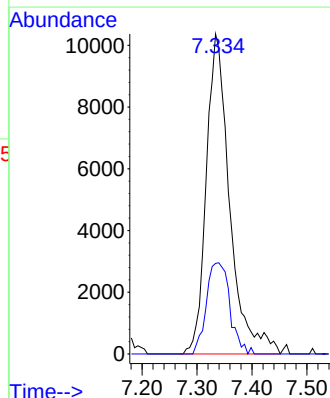
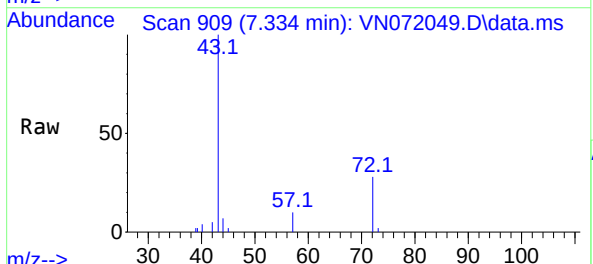
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-4-GR

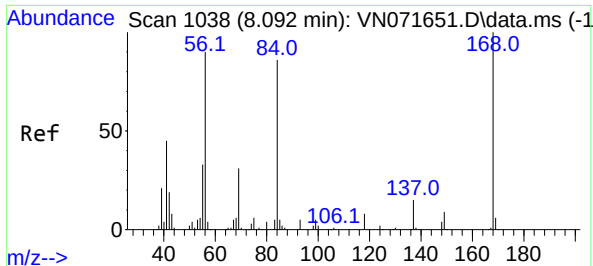
Tgt Ion: 84 Resp: 255220
Ion Ratio Lower Upper
84 100
49 105.5 88.3 132.5
51 33.4 28.2 42.2
86 64.6 50.6 76.0



#25
2-Butanone
Concen: 7.601 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN072049.D
Acq: 19 Apr 2022 15:01

Tgt Ion: 43 Resp: 30685
Ion Ratio Lower Upper
43 100
72 28.3 23.7 35.5





#31

Cyclohexane

Concen: 1.585 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

Lab File: VN072049.D

Acq: 19 Apr 2022 15:01

Instrument :

MSVOA_N

ClientSampleId :

WC-15-1-4-GR

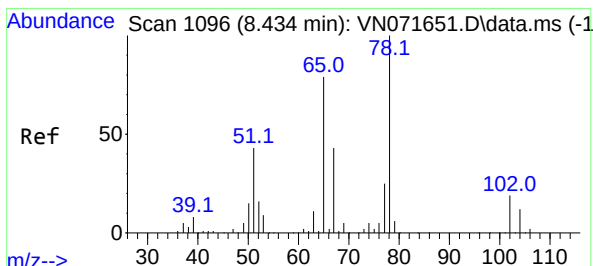
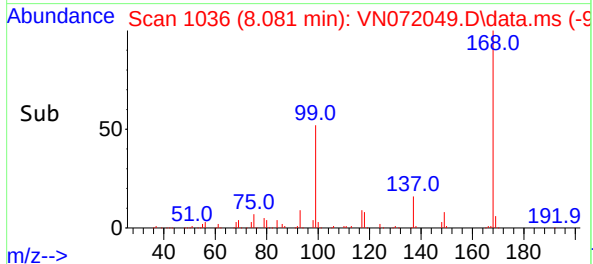
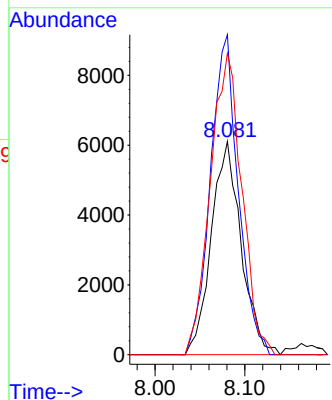
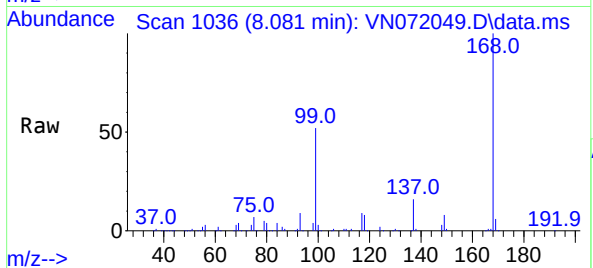
Tgt Ion: 56 Resp: 14121

Ion Ratio Lower Upper

56 100

69 150.1 27.8 41.8#

84 141.4 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 47.219 ug/l

RT: 8.428 min Scan# 1095

Delta R.T. -0.006 min

Lab File: VN072049.D

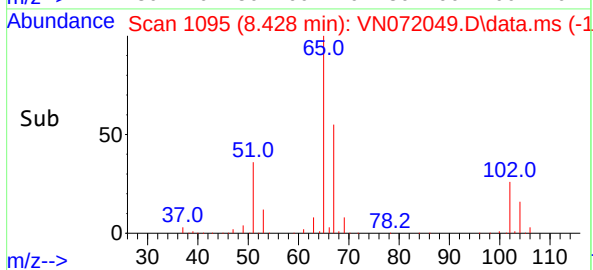
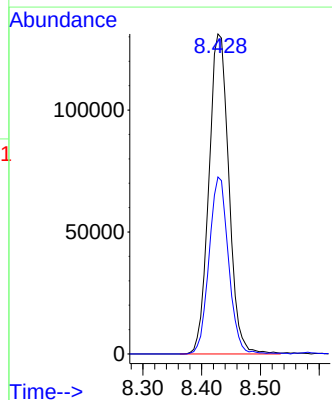
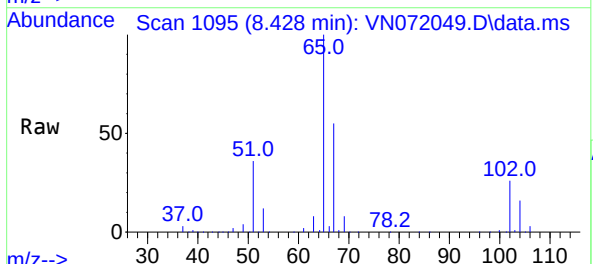
Acq: 19 Apr 2022 15:01

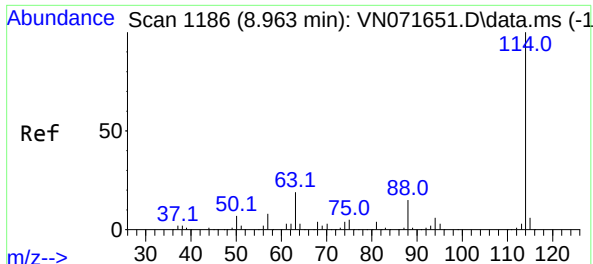
Tgt Ion: 65 Resp: 309402

Ion Ratio Lower Upper

65 100

67 53.9 0.0 104.8

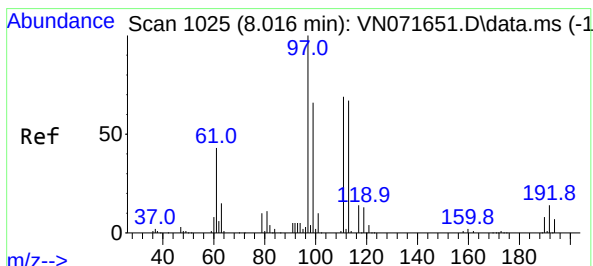
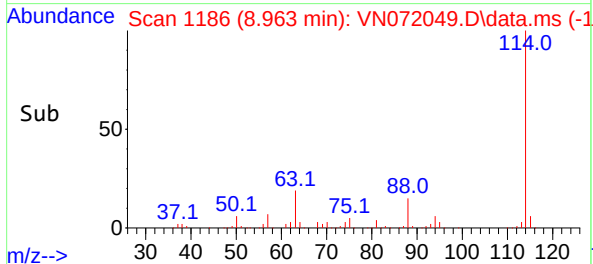
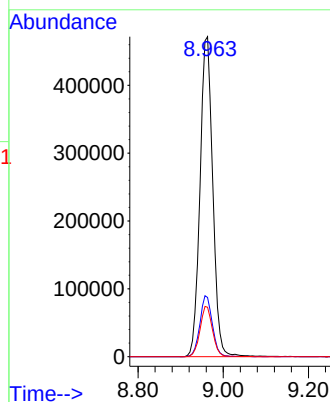
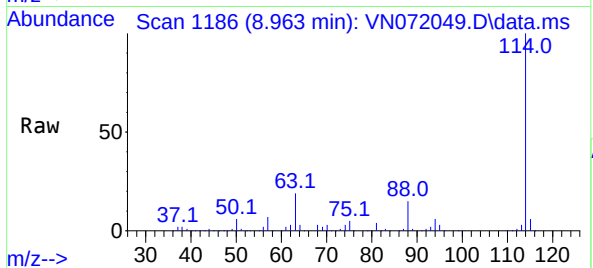




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072049.D
Acq: 19 Apr 2022 15:01

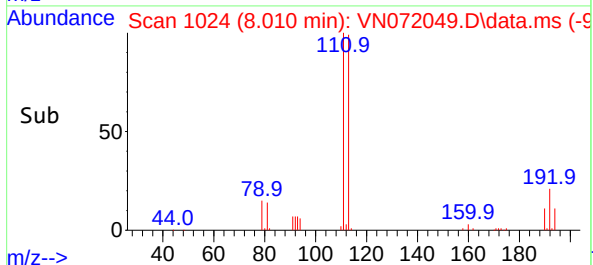
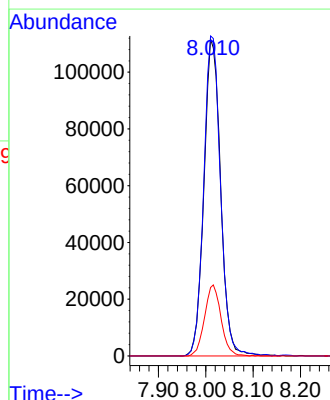
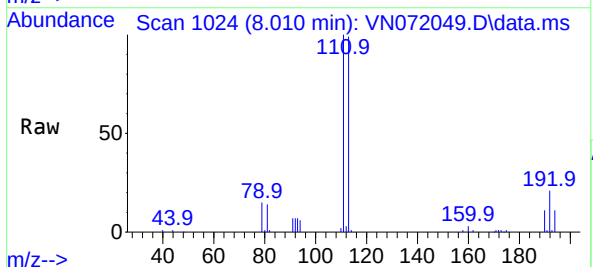
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-4-GR

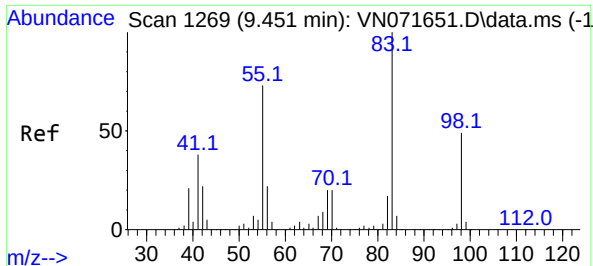
Tgt Ion:114 Resp: 978763
Ion Ratio Lower Upper
114 100
63 18.5 0.0 40.0
88 15.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.473 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.006 min
Lab File: VN072049.D
Acq: 19 Apr 2022 15:01

Tgt Ion:113 Resp: 273417
Ion Ratio Lower Upper
113 100
111 101.6 81.4 122.0
192 22.1 17.0 25.6





#39

Methylcyclohexane

Concen: 1.195 ug/l

RT: 9.451 min Scan# 1116

Delta R.T. 0.000 min

Lab File: VN072049.D

Acq: 19 Apr 2022 15:01

Instrument :

MSVOA_N

ClientSampleId :

WC-15-1-4-GR

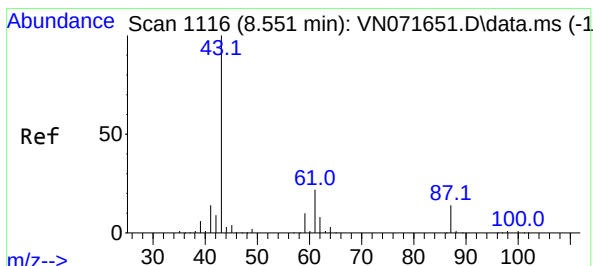
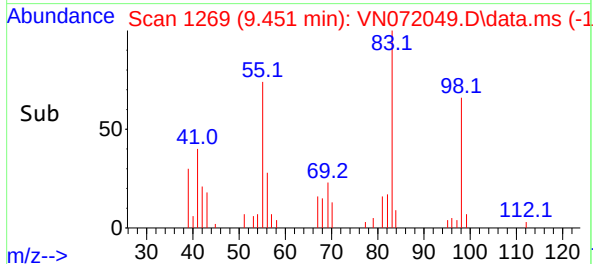
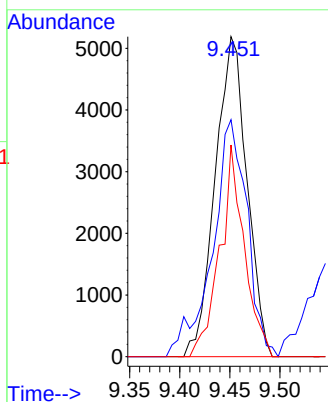
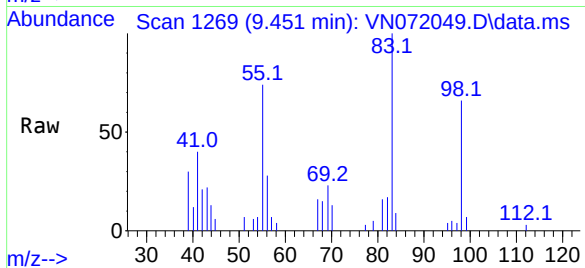
Tgt Ion: 83 Resp: 11442

Ion Ratio Lower Upper

83 100

55 74.1 57.8 86.8

98 66.1 39.4 59.2#



#43

Isopropyl Acetate

Concen: 4.261 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.006 min

Lab File: VN072049.D

Acq: 19 Apr 2022 15:01

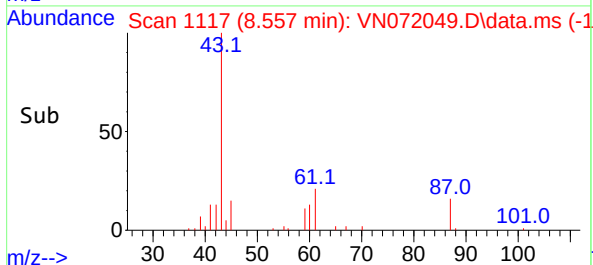
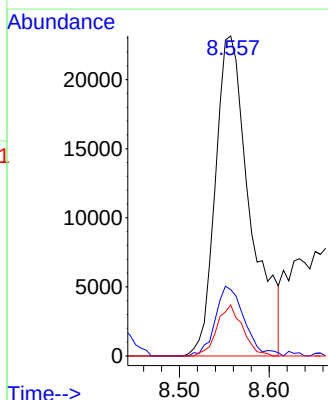
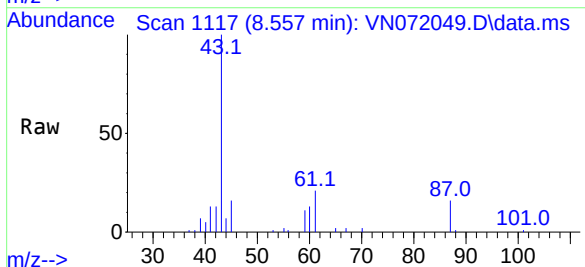
Tgt Ion: 43 Resp: 62386

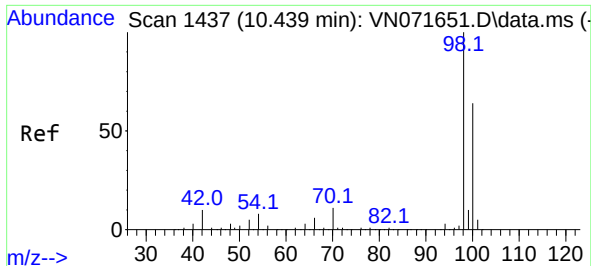
Ion Ratio Lower Upper

43 100

61 18.1 21.9 32.9#

87 11.7 12.0 18.0#

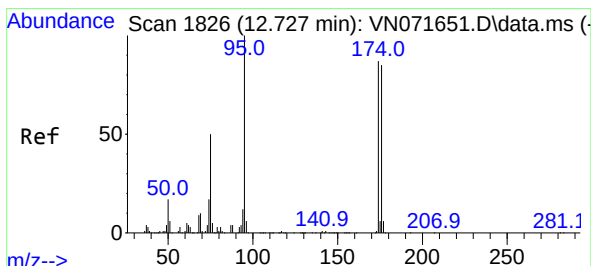
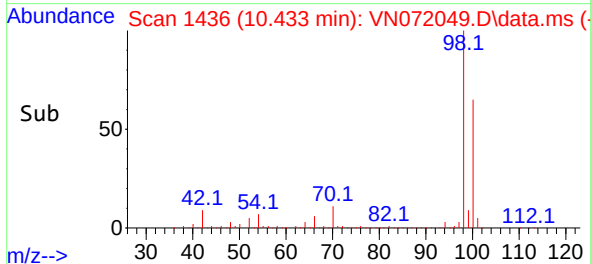
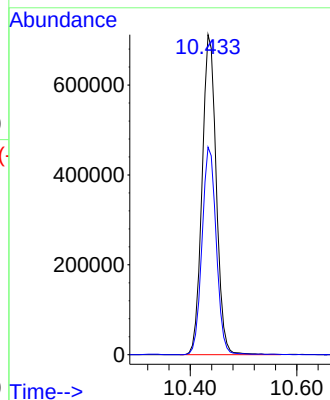
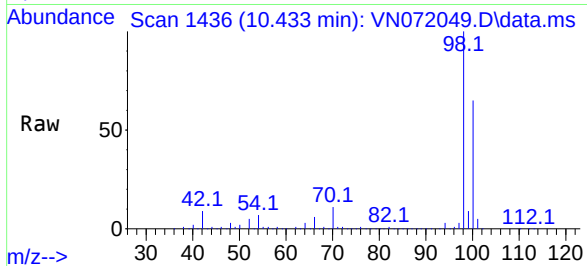




#50
Toluene-d8
Concen: 55.669 ug/l
RT: 10.433 min Scan# 1437
Delta R.T. -0.006 min
Lab File: VN072049.D
Acq: 19 Apr 2022 15:01

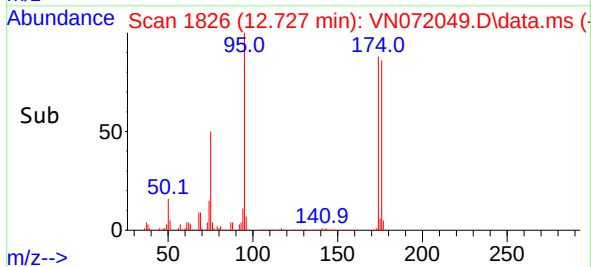
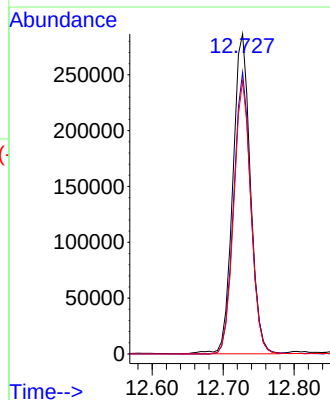
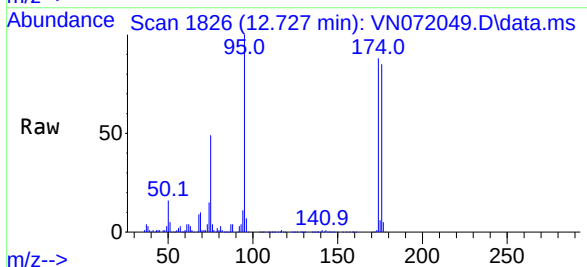
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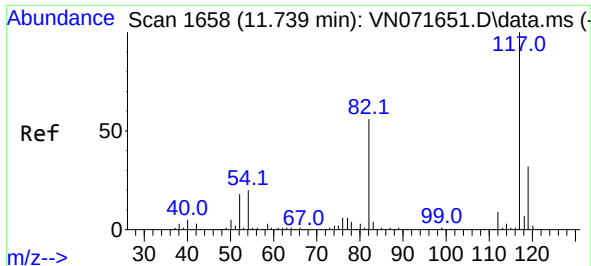
Tgt Ion: 98 Resp: 1311604
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 64.553 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072049.D
Acq: 19 Apr 2022 15:01

Tgt Ion: 95 Resp: 491886
Ion Ratio Lower Upper
95 100
174 85.9 0.0 167.6
176 83.2 0.0 163.4

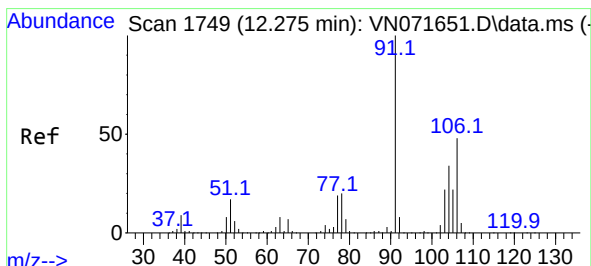
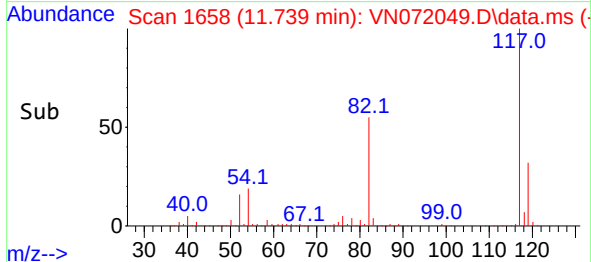
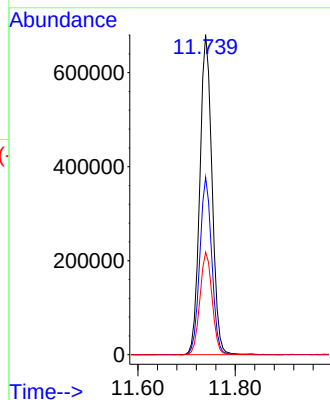
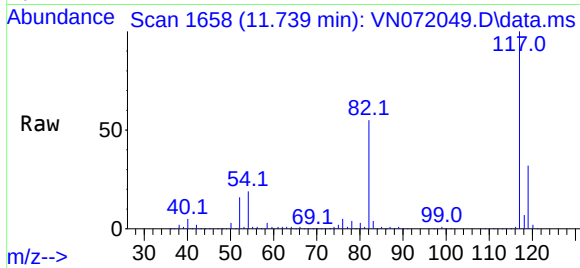




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072049.D
Acq: 19 Apr 2022 15:01

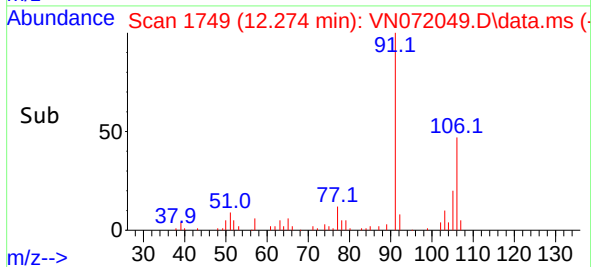
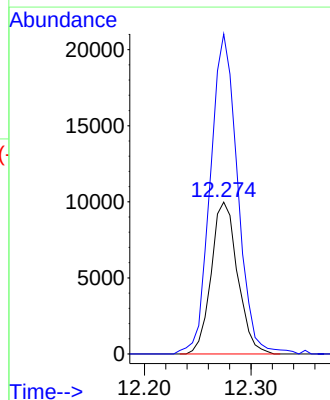
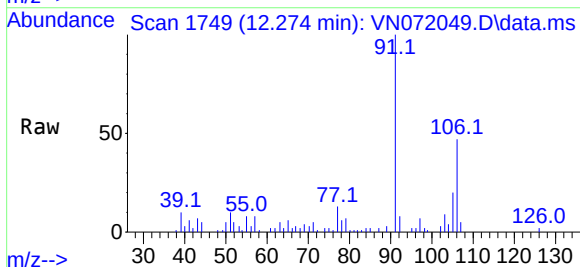
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-4-GR

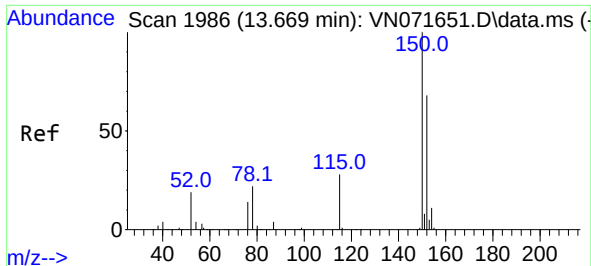
Tgt Ion:117 Resp: 1185101
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.2
119 32.0 25.4 38.0



#69
o-Xylene
Concen: 1.119 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072049.D
Acq: 19 Apr 2022 15:01

Tgt Ion:106 Resp: 17149
Ion Ratio Lower Upper
106 100
91 218.2 106.0 318.0

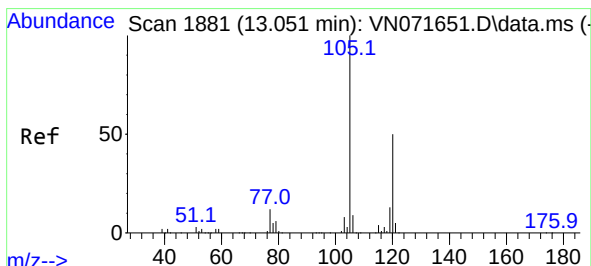
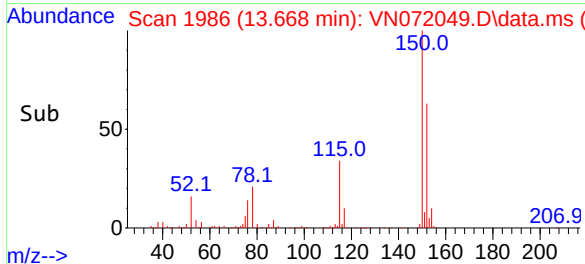
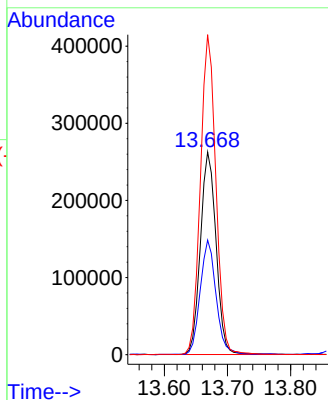
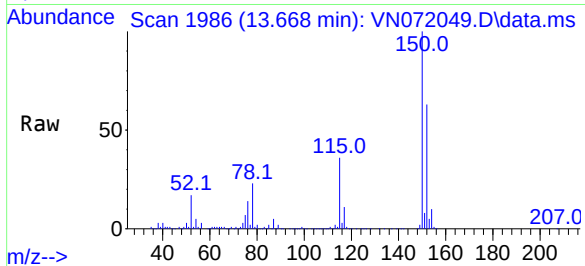




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072049.D
Acq: 19 Apr 2022 15:01

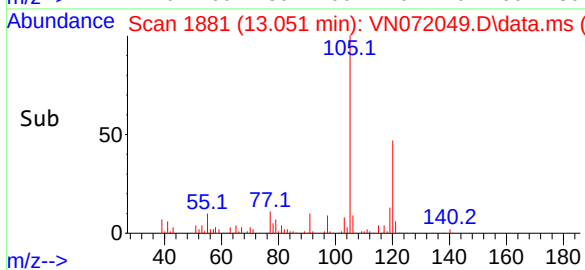
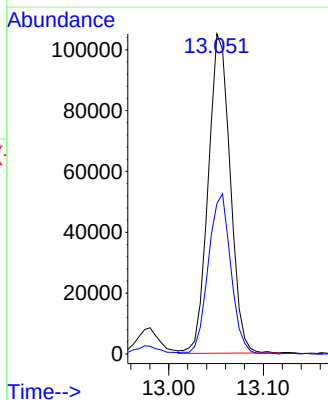
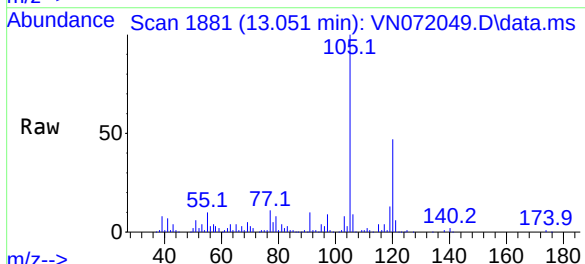
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-4-GR

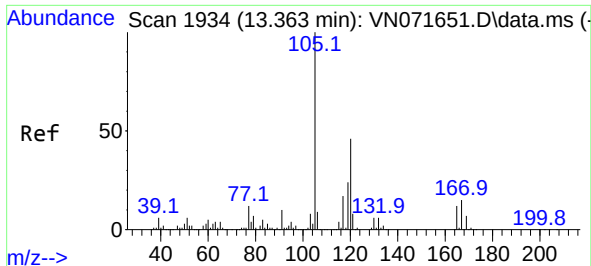
Tgt Ion:152 Resp: 452053
Ion Ratio Lower Upper
152 100
115 56.7 28.9 86.7
150 155.8 0.0 356.2



#80
1,3,5-Trimethylbenzene
Concen: 5.614 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN072049.D
Acq: 19 Apr 2022 15:01

Tgt Ion:105 Resp: 169433
Ion Ratio Lower Upper
105 100
120 51.6 24.9 74.7





#84
 1,2,4-Trimethylbenzene
 Concen: 12.114 ug/l
 RT: 13.363 min Scan# 1934
 Delta R.T. -0.000 min
 Lab File: VN072049.D
 Acq: 19 Apr 2022 15:01

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-15-1-4-GR

Tgt Ion:105 Resp: 356749
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.3 69.8

