

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040722\
 Data File : VN071904.D
 Acq On : 07 Apr 2022 15:19
 Operator : JC\MD
 Sample : N2313-08DL 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-33604DL

Quant Time: Apr 08 01:14:39 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)

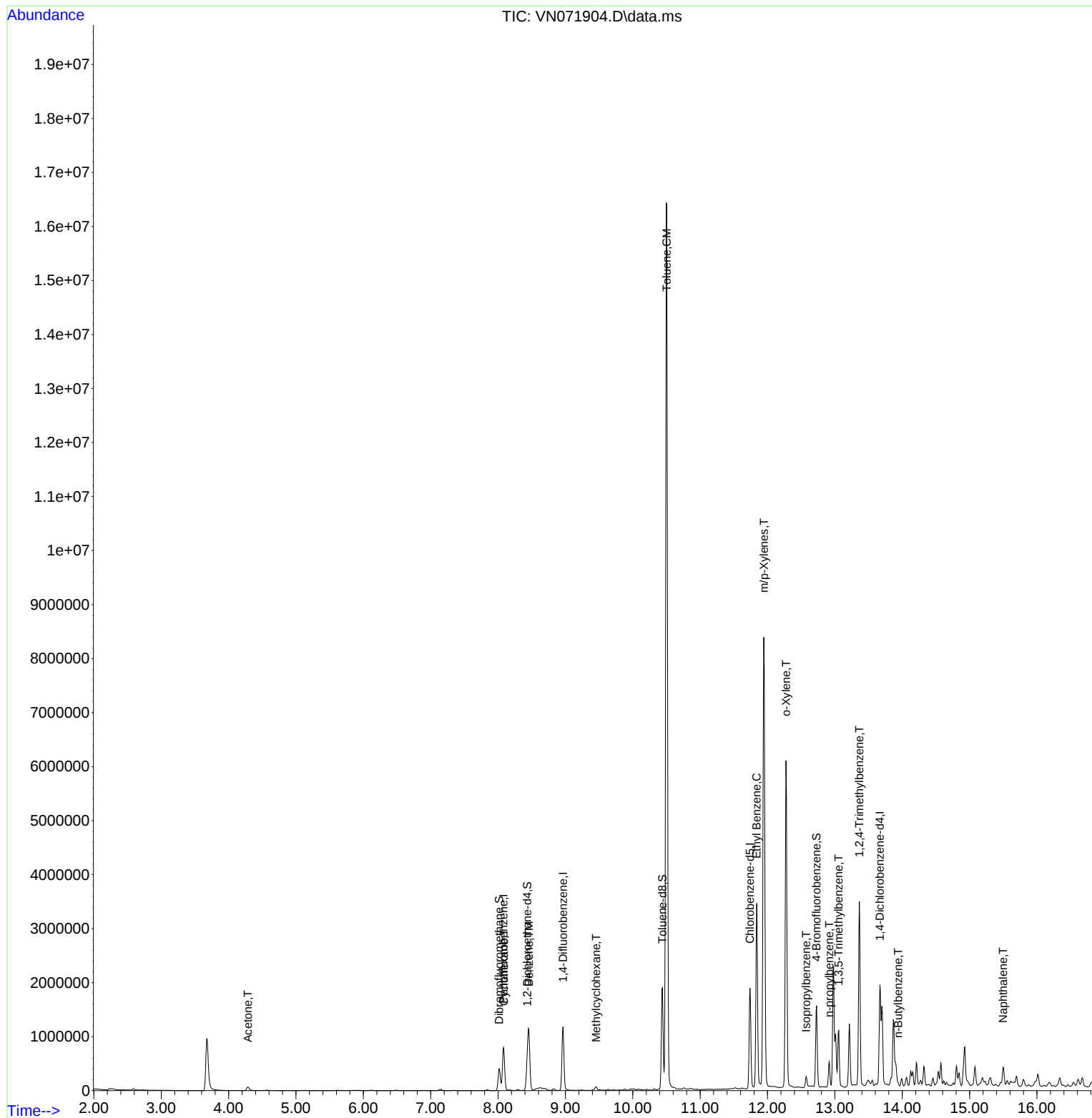
Internal Standards						
1) Pentafluorobenzene	8.081	168	636884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1091797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1162980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	537138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	346286	47.627	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.260%
35) Dibromofluoromethane	8.016	113	306833	47.759	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.520%
50) Toluene-d8	10.439	98	1389203	52.858	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.720%
62) 4-Bromofluorobenzene	12.727	95	547779	64.446	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	128.900%
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	125123	40.268	ug/l	98
31) Cyclohexane	8.087	56	31243	3.160	ug/l #	43
39) Methylcyclohexane	9.457	83	28439	2.663	ug/l	93
40) Benzene	8.457	78	1083971	38.247	ug/l	100
52) Toluene	10.504	92	7834002	437.281	ug/l	96
67) Ethyl Benzene	11.839	91	2556124	64.840	ug/l	98
68) m/p-Xylenes	11.945	106	2882265	190.289	ug/l	99
69) o-Xylene	12.275	106	1760056	117.070	ug/l	98
73) Isopropylbenzene	12.574	105	131366	2.902	ug/l	95
78) n-propylbenzene	12.916	91	380638	7.994	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	589386	16.435	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1998998	57.129	ug/l	100
89) n-Butylbenzene	13.939	91	33426	1.330	ug/l #	75
95) Naphthalene	15.498	128	343441	16.776	ug/l	100

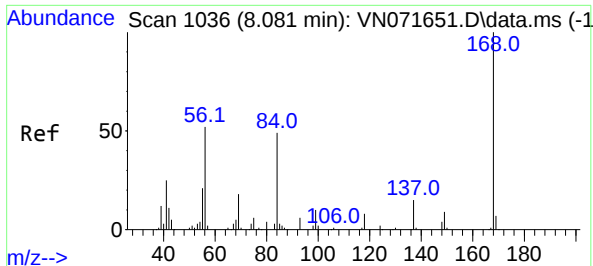
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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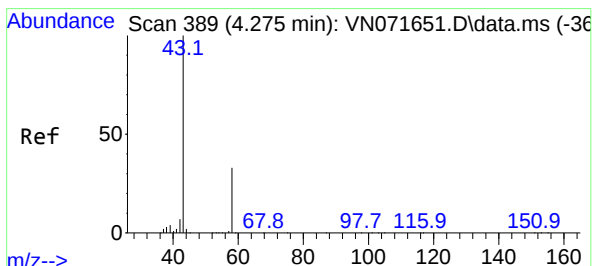
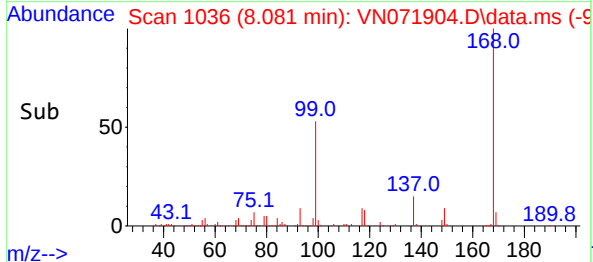
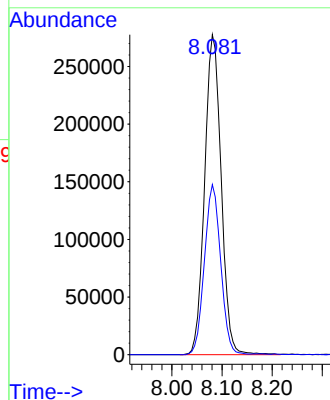
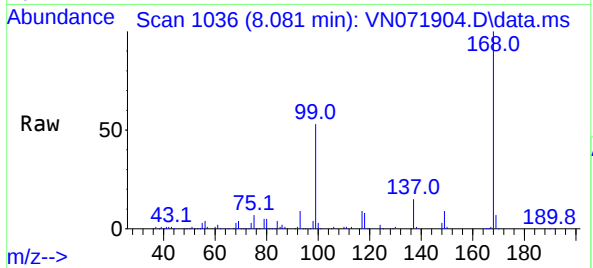




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071904.D
Acq: 07 Apr 2022 15:19

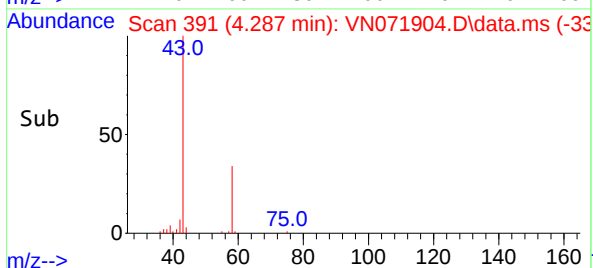
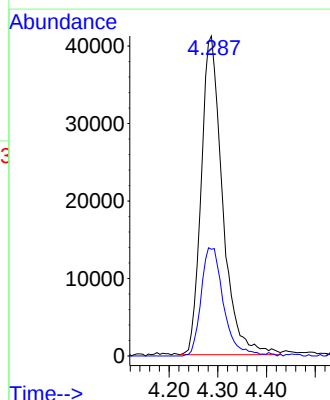
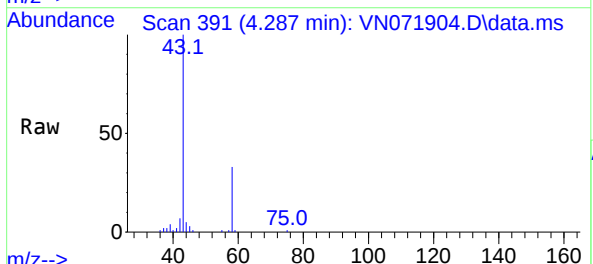
Instrument :
MSVOA_N
ClientSampleId :
DRUM-33604DL

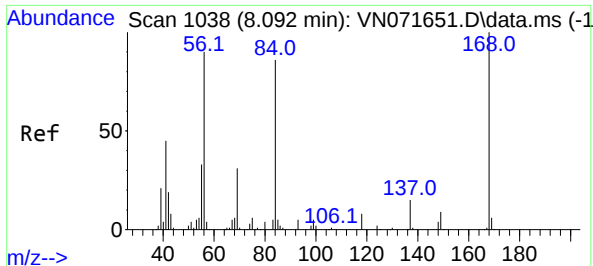
Tgt Ion:168 Resp: 636884
Ion Ratio Lower Upper
168 100
99 53.2 42.3 63.5



#16
Acetone
Concen: 40.268 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN071904.D
Acq: 07 Apr 2022 15:19

Tgt Ion: 43 Resp: 125123
Ion Ratio Lower Upper
43 100
58 33.5 26.0 39.0

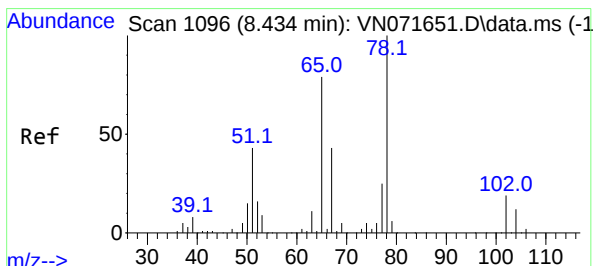
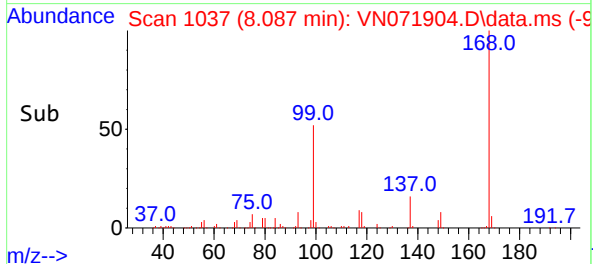
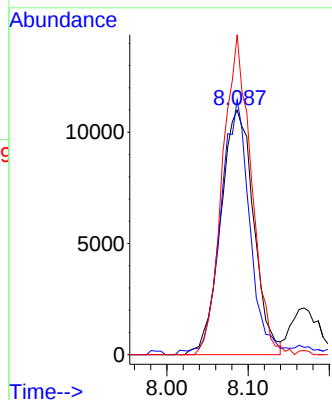
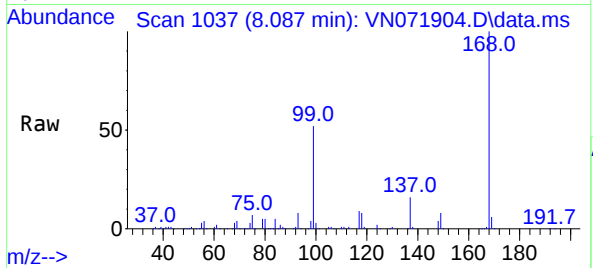




#31
Cyclohexane
Concen: 3.160 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.005 min
Lab File: VN071904.D
Acq: 07 Apr 2022 15:19

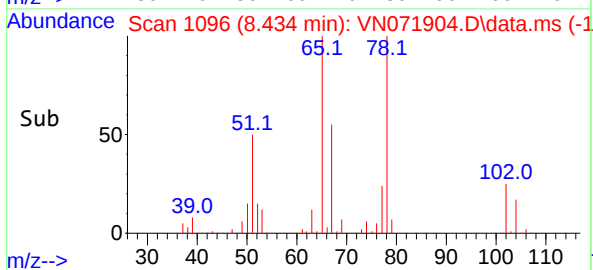
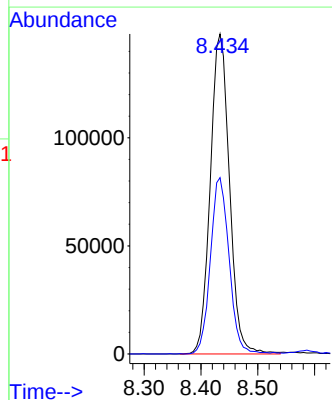
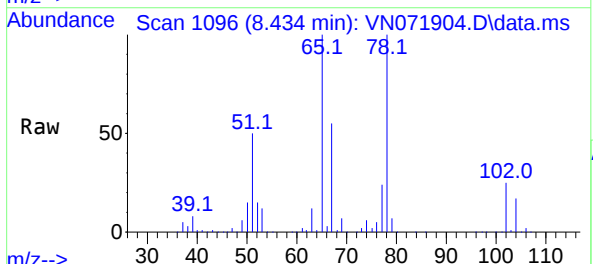
Instrument :
MSVOA_N
ClientSampleId :
DRUM-33604DL

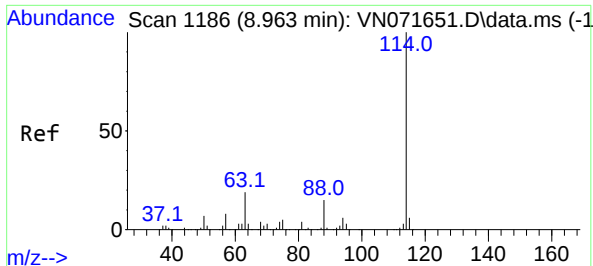
Tgt Ion: 56 Resp: 31243
Ion Ratio Lower Upper
56 100
69 102.4 27.8 41.8#
84 130.9 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 47.627 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071904.D
Acq: 07 Apr 2022 15:19

Tgt Ion: 65 Resp: 346286
Ion Ratio Lower Upper
65 100
67 53.7 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: VN071904.D

Acq: 07 Apr 2022 15:19

Instrument :

MSVOA_N

ClientSampleId :

DRUM-33604DL

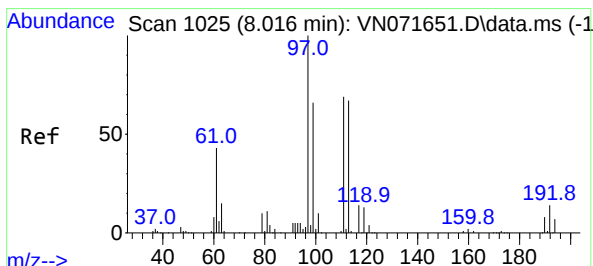
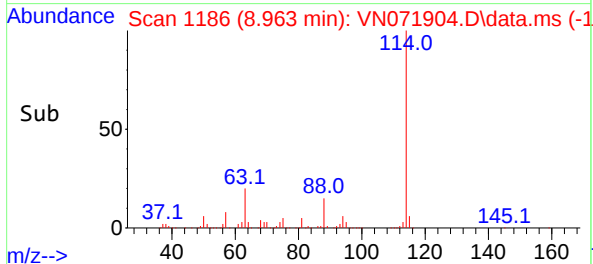
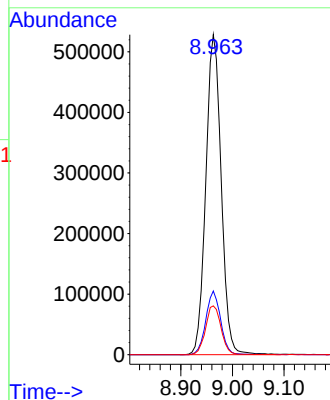
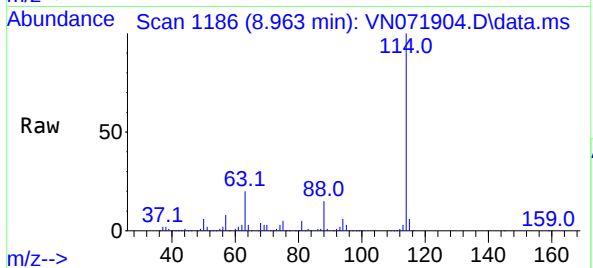
Tgt Ion:114 Resp: 1091797

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.759 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN071904.D

Acq: 07 Apr 2022 15:19

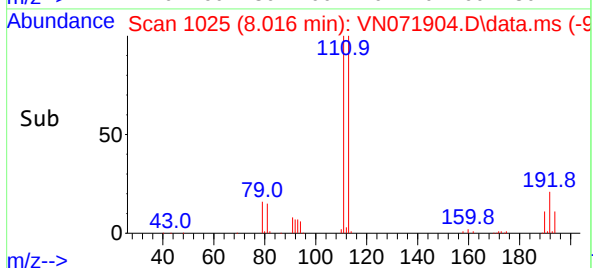
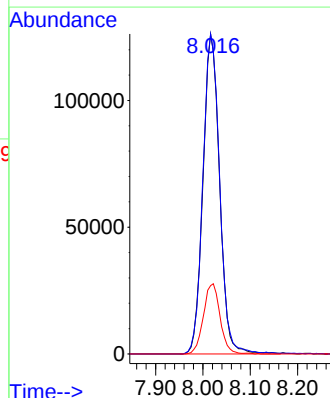
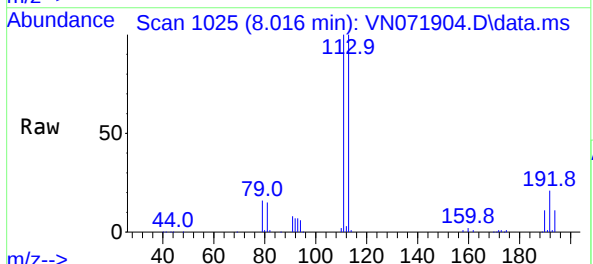
Tgt Ion:113 Resp: 306833

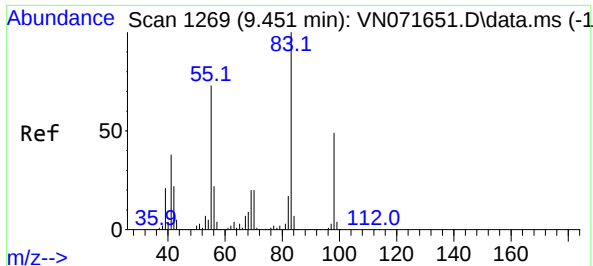
Ion Ratio Lower Upper

113 100

111 100.9 81.4 122.0

192 21.9 17.0 25.6





#39

Methylcyclohexane

Concen: 2.663 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN071904.D

Acq: 07 Apr 2022 15:19

Instrument :

MSVOA_N

ClientSampleId :

DRUM-33604DL

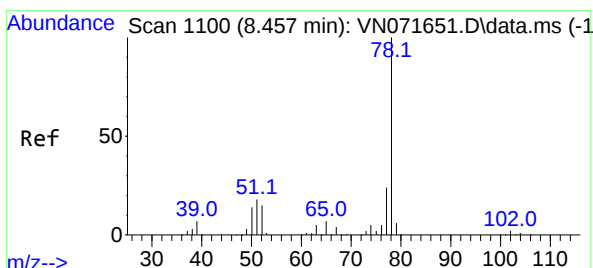
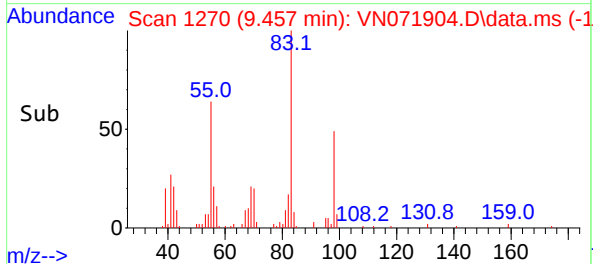
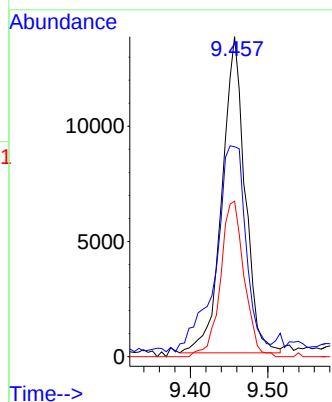
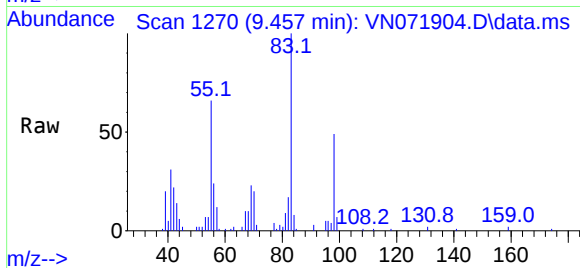
Tgt Ion: 83 Resp: 28439

Ion Ratio Lower Upper

83 100

55 62.3 57.8 86.8

98 49.2 39.4 59.2



#40

Benzene

Concen: 38.247 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN071904.D

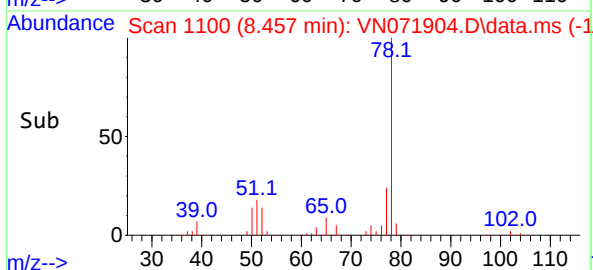
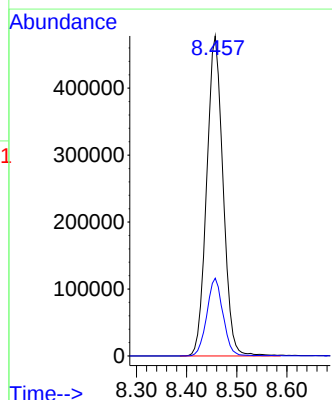
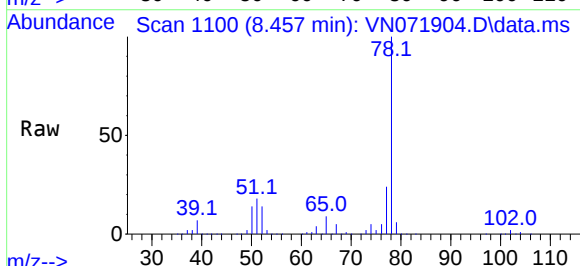
Acq: 07 Apr 2022 15:19

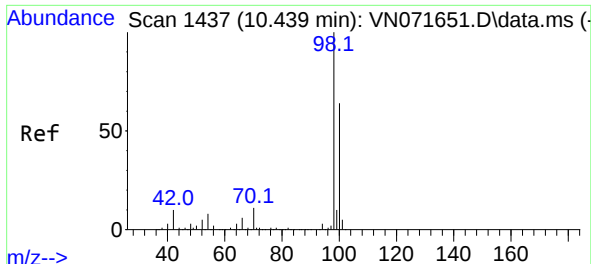
Tgt Ion: 78 Resp: 1083971

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.0

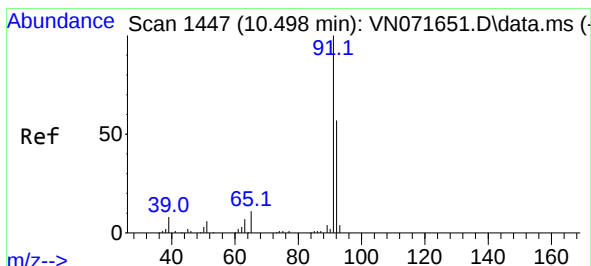
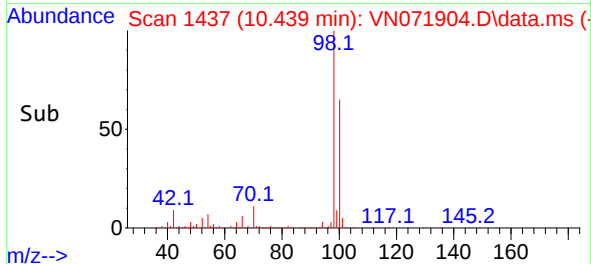
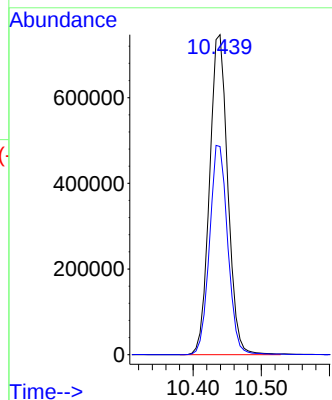
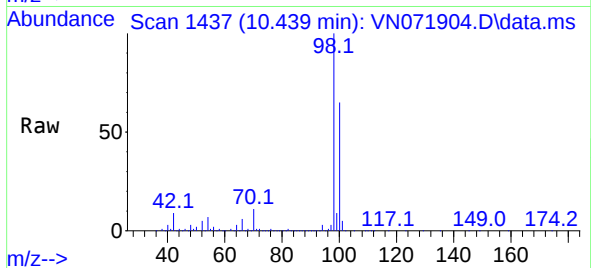




#50
Toluene-d8
Concen: 52.858 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071904.D
Acq: 07 Apr 2022 15:19

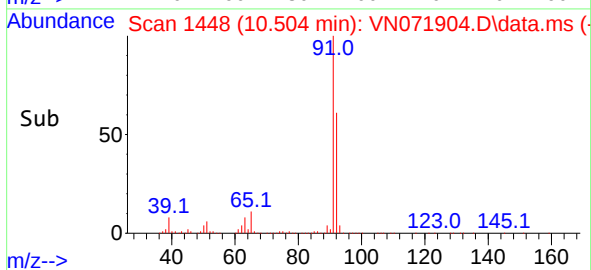
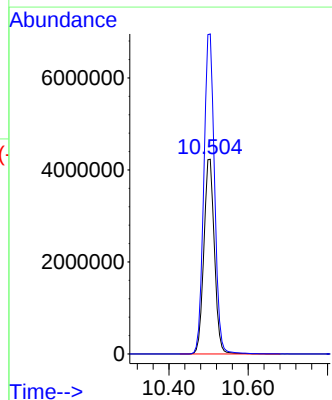
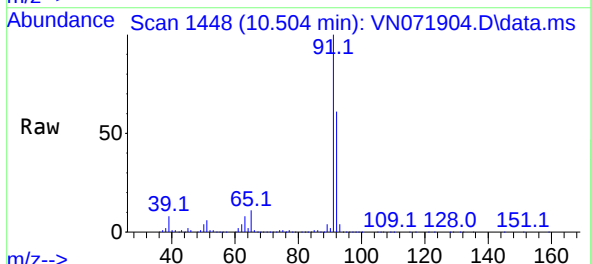
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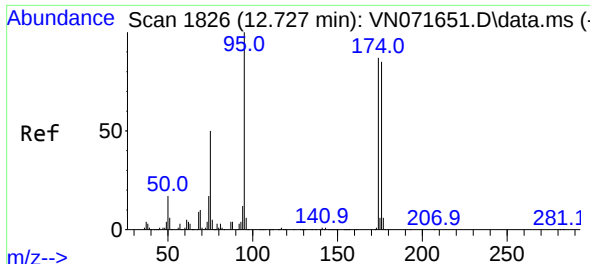
Tgt Ion: 98 Resp: 1389203
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#52
Toluene
Concen: 437.281 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071904.D
Acq: 07 Apr 2022 15:19

Tgt Ion: 92 Resp: 7834002
Ion Ratio Lower Upper
92 100
91 167.2 138.6 207.8

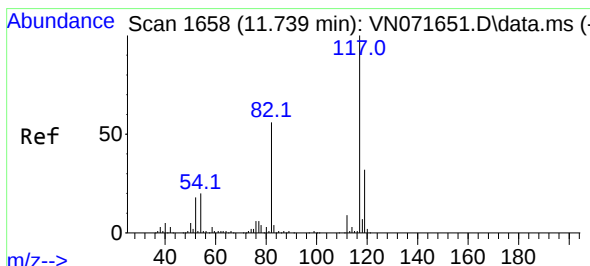
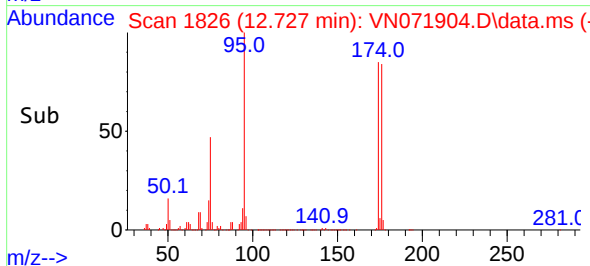
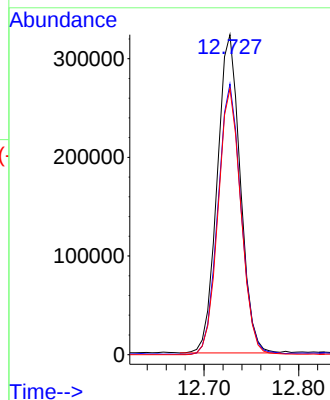
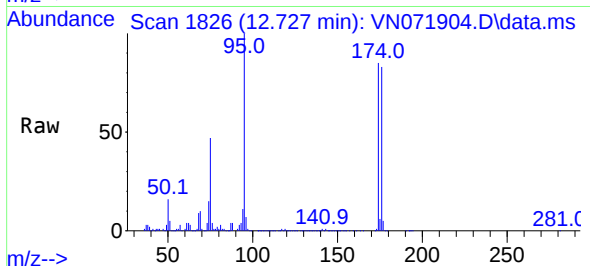




#62
4-Bromofluorobenzene
Concen: 64.446 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071904.D
Acq: 07 Apr 2022 15:19

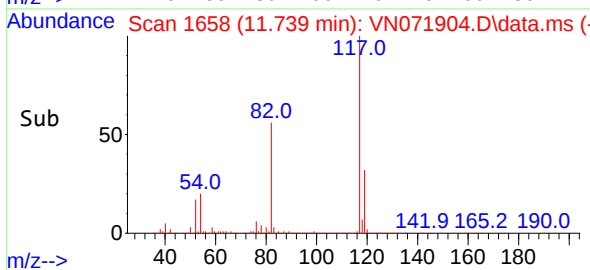
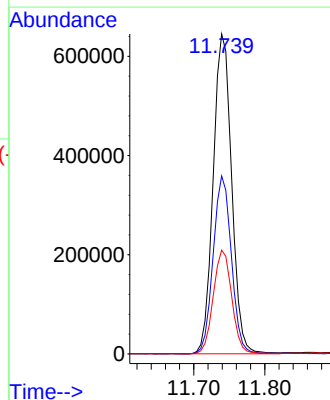
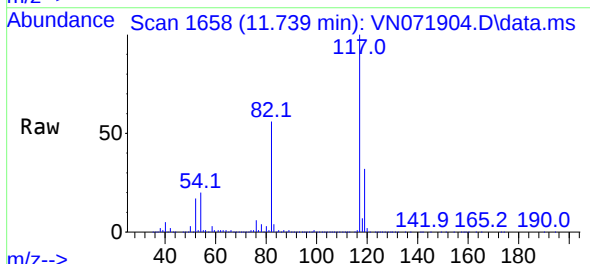
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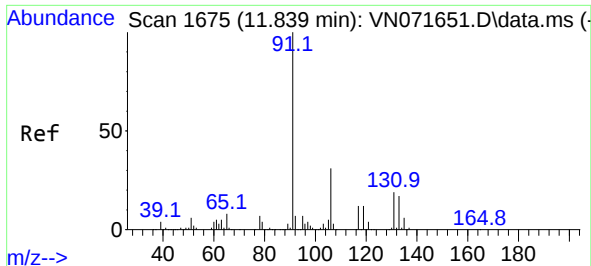
Tgt Ion: 95 Resp: 547779
Ion Ratio Lower Upper
95 100
174 84.6 0.0 167.6
176 82.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071904.D
Acq: 07 Apr 2022 15:19

Tgt Ion: 117 Resp: 1162980
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 32.4 25.4 38.0

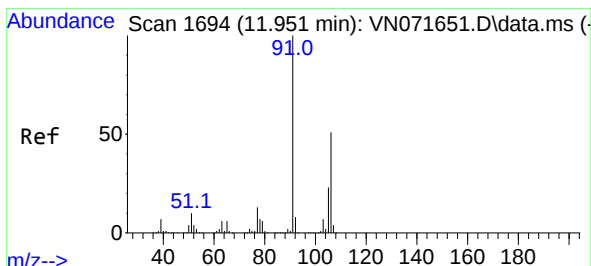
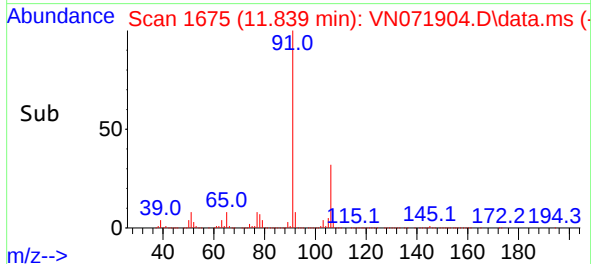
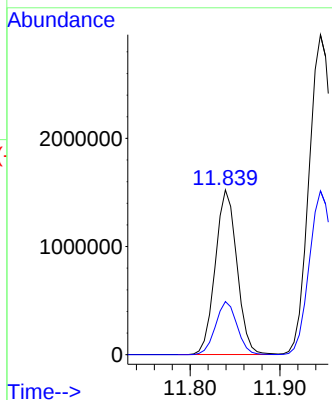
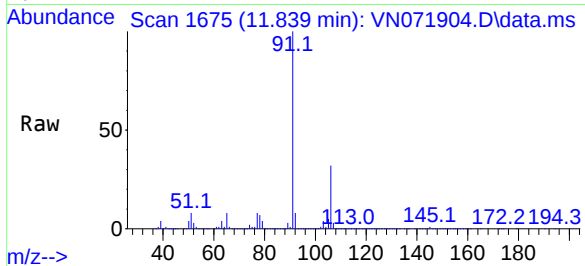




#67
Ethyl Benzene
Concen: 64.840 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071904.D
Acq: 07 Apr 2022 15:19

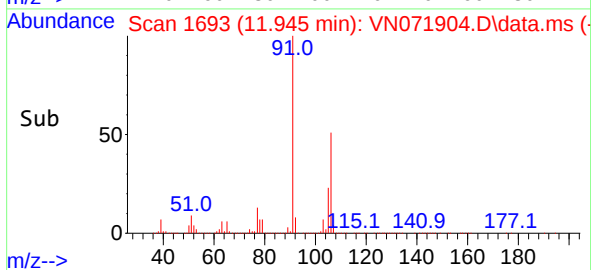
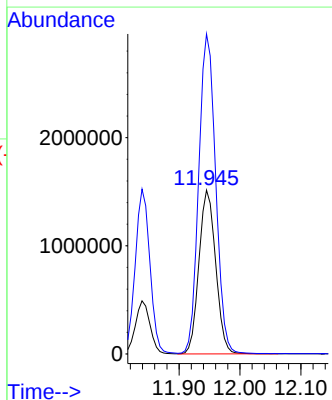
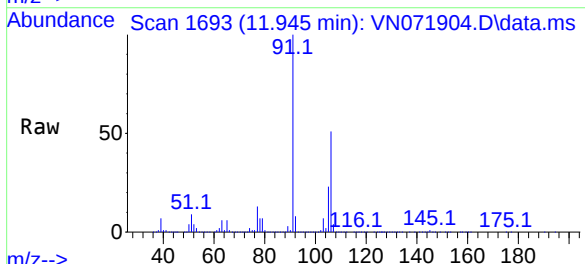
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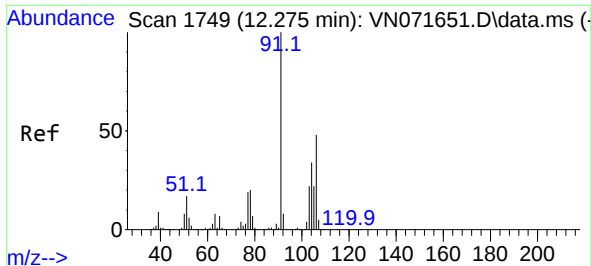
Tgt Ion: 91 Resp: 2556124
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3



#68
m/p-Xylenes
Concen: 190.289 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071904.D
Acq: 07 Apr 2022 15:19

Tgt Ion: 106 Resp: 2882265
Ion Ratio Lower Upper
106 100
91 197.6 158.9 238.3

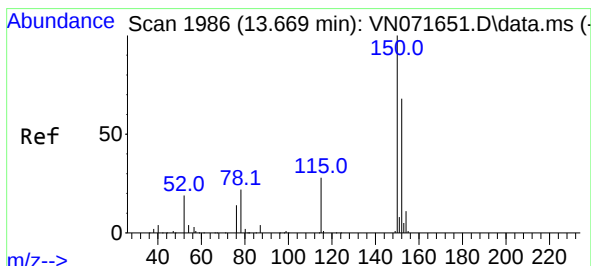
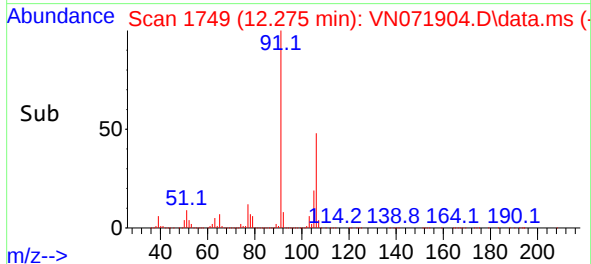
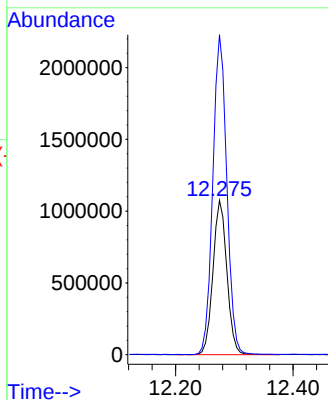
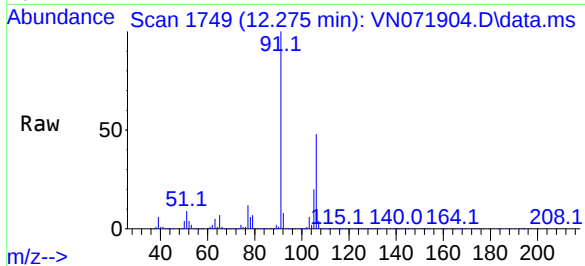




#69
o-Xylene
Concen: 117.070 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071904.D
Acq: 07 Apr 2022 15:19

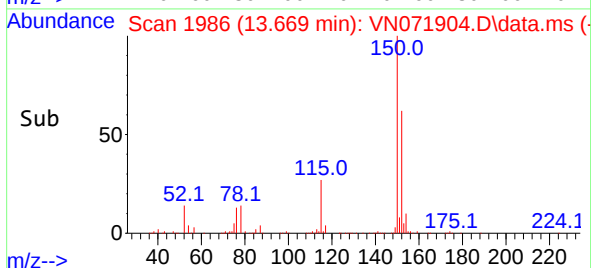
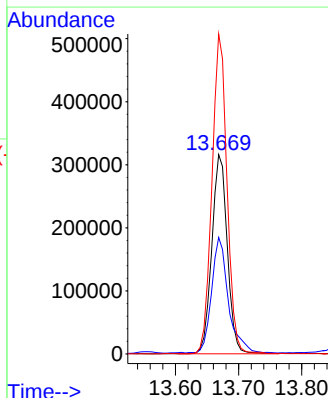
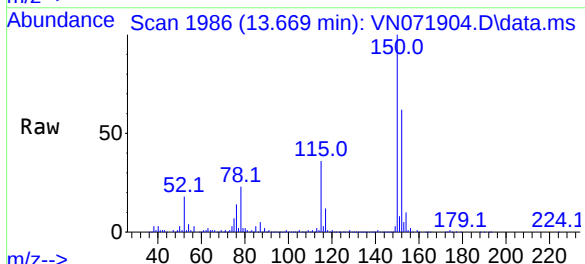
Instrument :
MSVOA_N
ClientSampleId :
DRUM-33604DL

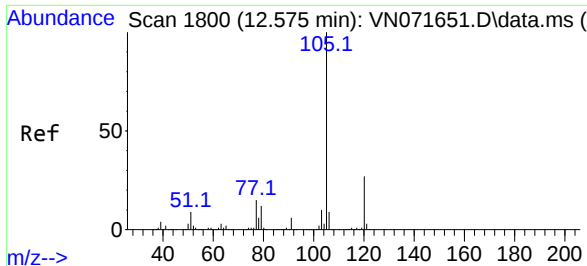
Tgt Ion:106 Resp: 1760056
Ion Ratio Lower Upper
106 100
91 208.8 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071904.D
Acq: 07 Apr 2022 15:19

Tgt Ion:152 Resp: 537138
Ion Ratio Lower Upper
152 100
115 62.8 28.9 86.7
150 156.1 0.0 356.2

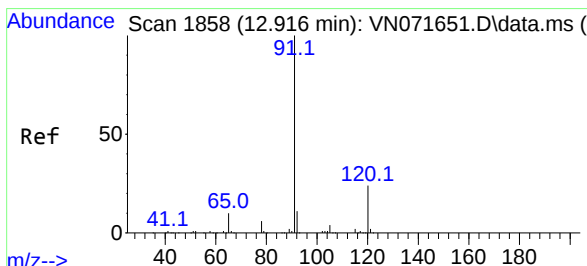
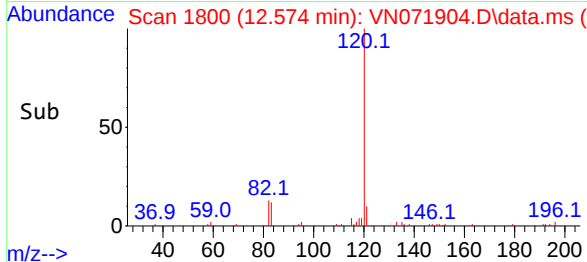
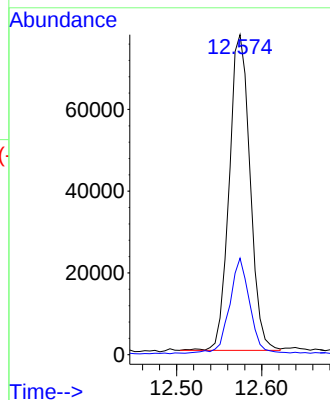
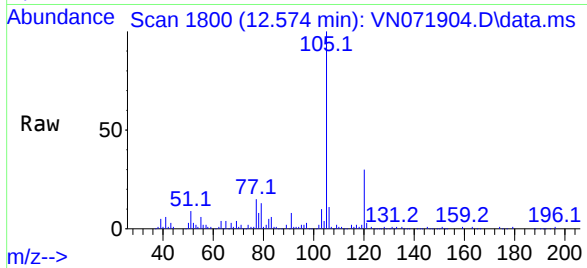




#73
Isopropylbenzene
Concen: 2.902 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN071904.D
Acq: 07 Apr 2022 15:19

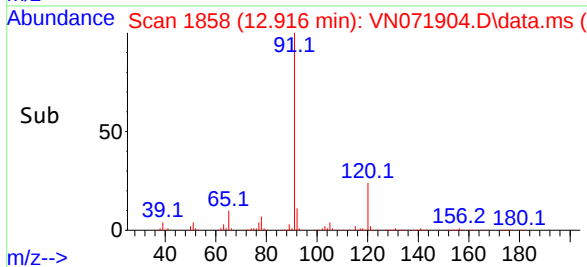
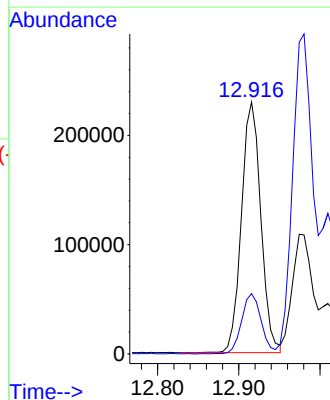
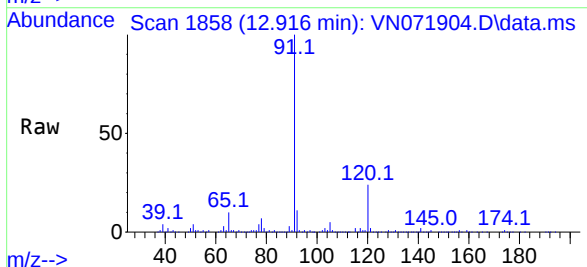
Instrument :
MSVOA_N
ClientSampleId :
DRUM-33604DL

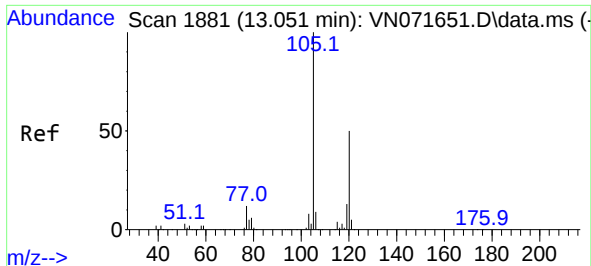
Tgt Ion:105 Resp: 131366
Ion Ratio Lower Upper
105 100
120 29.7 13.5 40.4



#78
n-propylbenzene
Concen: 7.994 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071904.D
Acq: 07 Apr 2022 15:19

Tgt Ion: 91 Resp: 380638
Ion Ratio Lower Upper
91 100
120 24.3 11.9 35.5

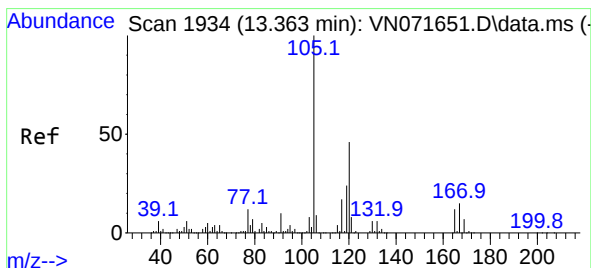
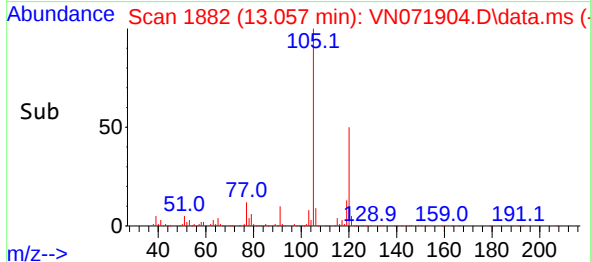
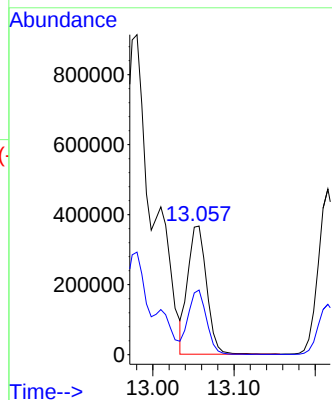
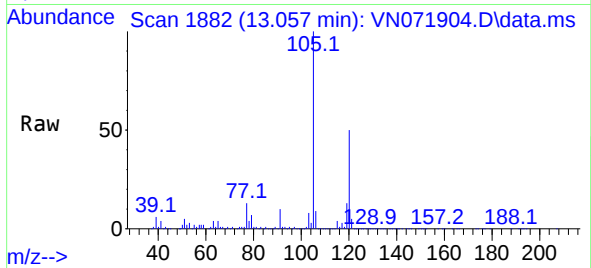




#80
1,3,5-Trimethylbenzene
Concen: 16.435 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN071904.D
Acq: 07 Apr 2022 15:19

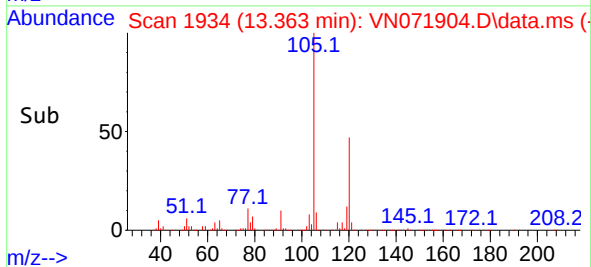
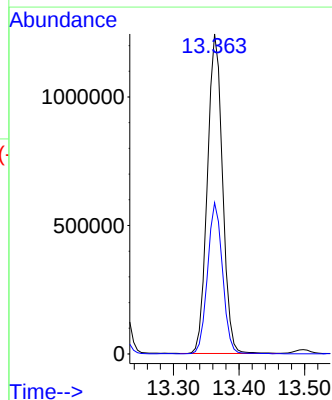
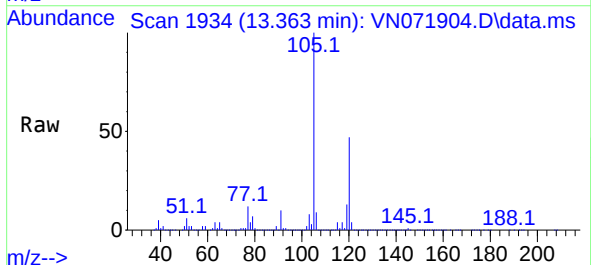
Instrument :
MSVOA_N
ClientSampleId :
DRUM-33604DL

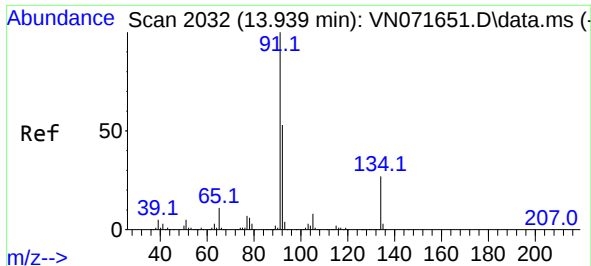
Tgt Ion:105 Resp: 589386
Ion Ratio Lower Upper
105 100
120 49.1 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 57.129 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071904.D
Acq: 07 Apr 2022 15:19

Tgt Ion:105 Resp: 1998998
Ion Ratio Lower Upper
105 100
120 46.7 23.3 69.8

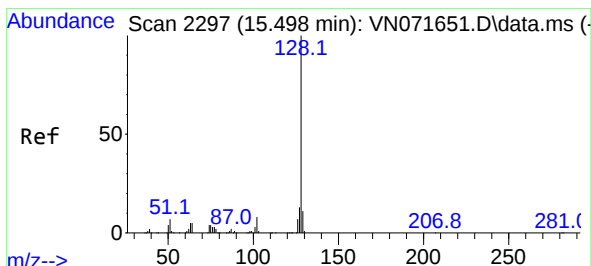
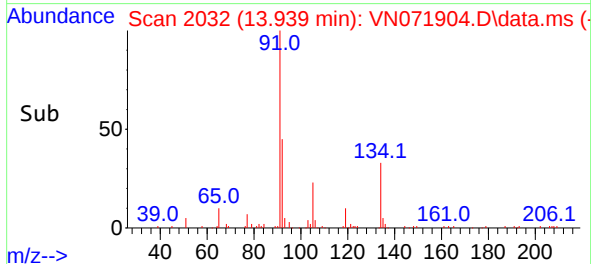
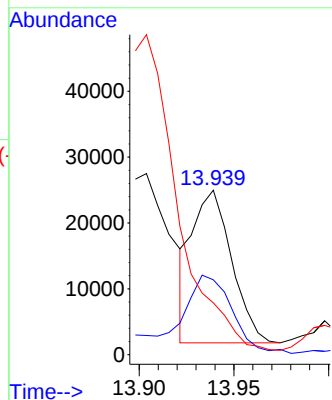
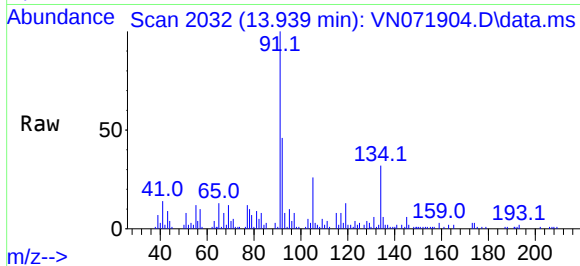




#89
n-Butylbenzene
Concen: 1.330 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071904.D
Acq: 07 Apr 2022 15:19

Instrument :
MSVOA_N
ClientSampleId :
DRUM-33604DL

Tgt Ion: 91 Resp: 33426
Ion Ratio Lower Upper
91 100
92 61.5 26.9 80.7
134 0.0 13.6 40.8#



#95
Naphthalene
Concen: 16.776 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071904.D
Acq: 07 Apr 2022 15:19

Tgt Ion:128 Resp: 343441
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.6 8.6 13.0

