

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
 Data File : VN070687.D
 Acq On : 19 Jan 2022 00:29
 Operator : JC/MD
 Sample : N1148-06DL 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-46DL

Quant Time: Jan 19 03:43:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

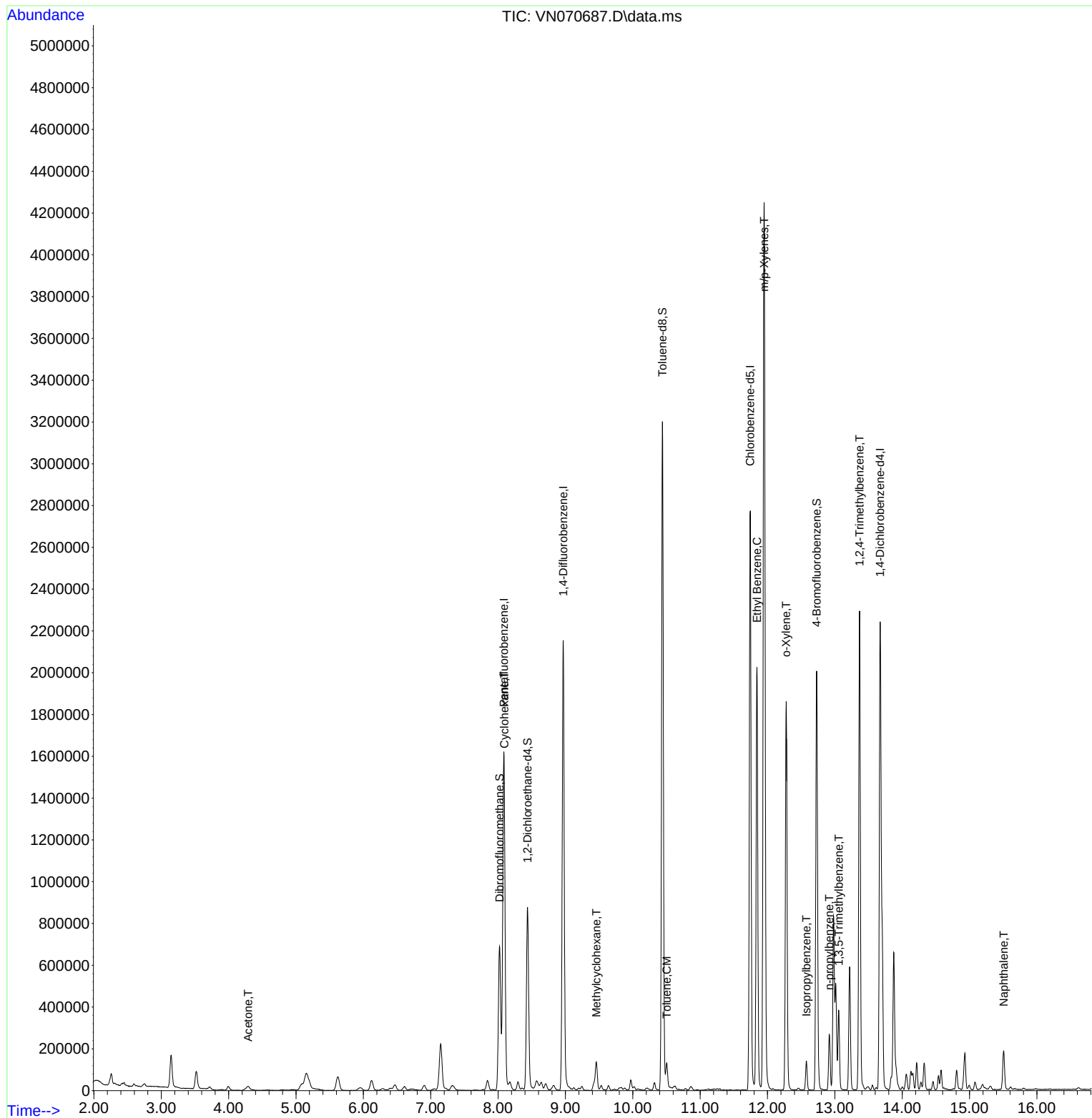
Internal Standards						
1) Pentafluorobenzene	8.086	168	1136109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1799714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1601759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	629070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	737223	45.278	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.560%
35) Dibromofluoromethane	8.021	113	519737	46.556	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.120%
50) Toluene-d8	10.441	98	2239488	47.619	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.240%
62) 4-Bromofluorobenzene	12.731	95	762271	45.485	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.960%
Target Compounds						
					Qvalue	
16) Acetone	4.291	43	31502	2.788	ug/l	98
31) Cyclohexane	8.094	56	114844	4.006	ug/l #	83
39) Methylcyclohexane	9.459	83	54310	2.341	ug/l	88
52) Toluene	10.505	92	47997	1.378	ug/l	98
67) Ethyl Benzene	11.843	91	1516877	23.575	ug/l	96
68) m/p-Xylenes	11.950	106	1379908	58.954	ug/l	91
69) o-Xylene	12.278	106	512473	22.062	ug/l	90
73) Isopropylbenzene	12.575	105	89879	1.510	ug/l	100
78) n-propylbenzene	12.919	91	223640	3.360	ug/l	95
80) 1,3,5-Trimethylbenzene	13.058	105	209770	4.359	ug/l	98
84) 1,2,4-Trimethylbenzene	13.367	105	1335910	28.878	ug/l	98
95) Naphthalene	15.507	128	175717	9.802	ug/l	100

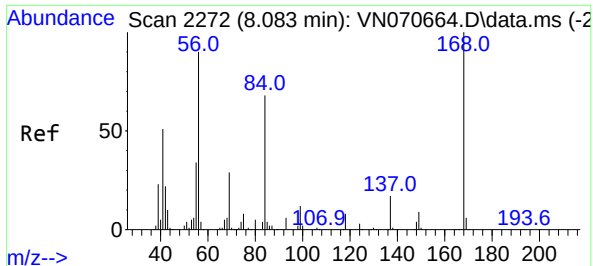
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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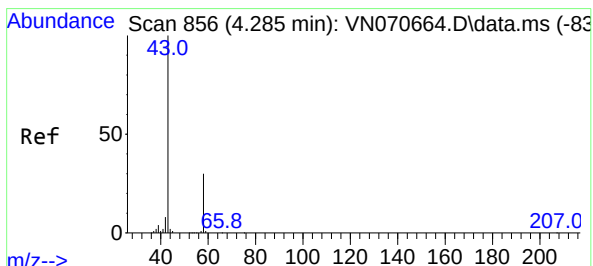
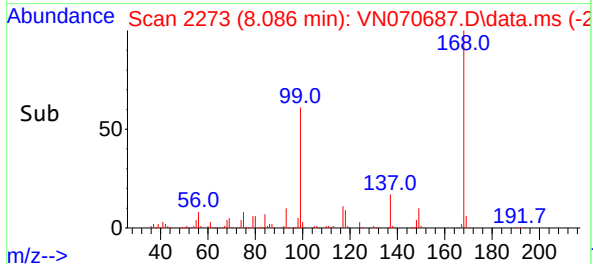
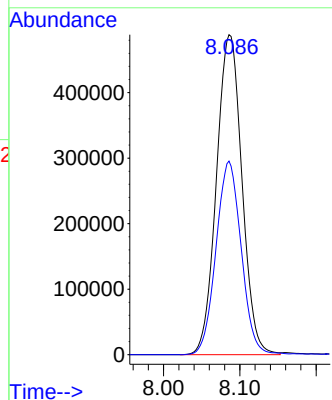
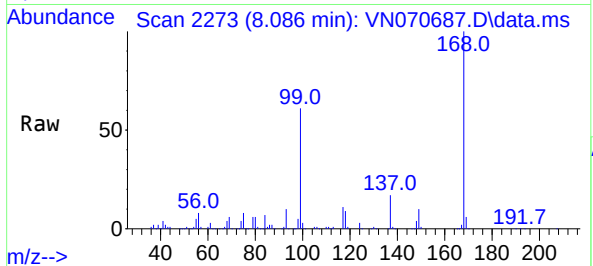




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070687.D
Acq: 19 Jan 2022 00:29

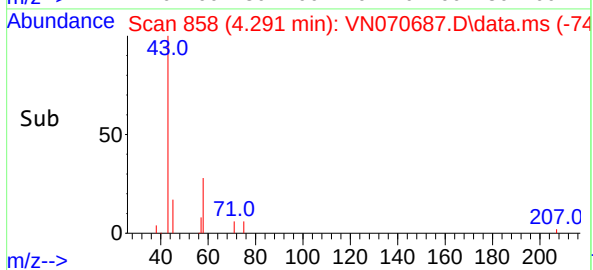
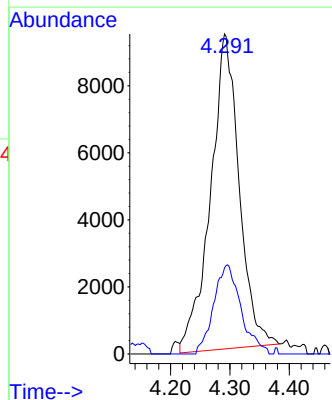
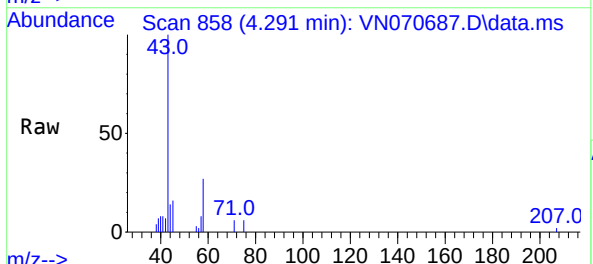
Instrument :
MSVOA_N
ClientSampleId :
MW-46DL

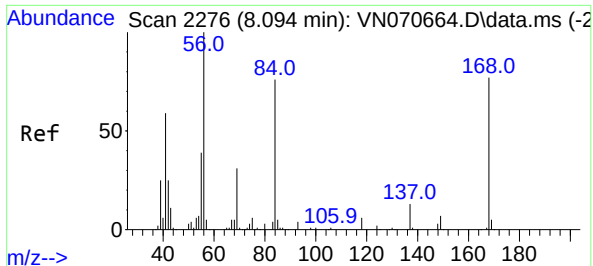
Tgt Ion:168 Resp: 1136109
Ion Ratio Lower Upper
168 100
99 60.5 41.3 61.9



#16
Acetone
Concen: 2.788 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.006 min
Lab File: VN070687.D
Acq: 19 Jan 2022 00:29

Tgt Ion: 43 Resp: 31502
Ion Ratio Lower Upper
43 100
58 27.8 23.1 34.7

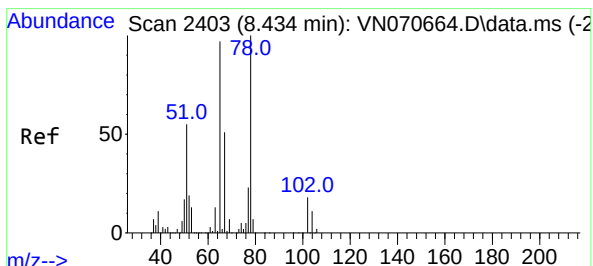
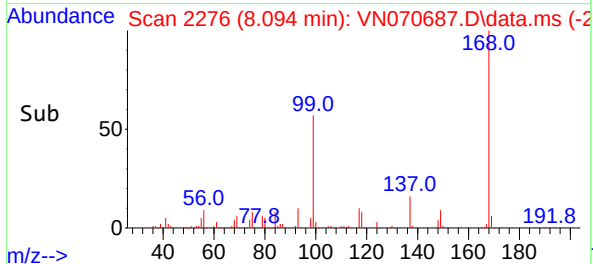
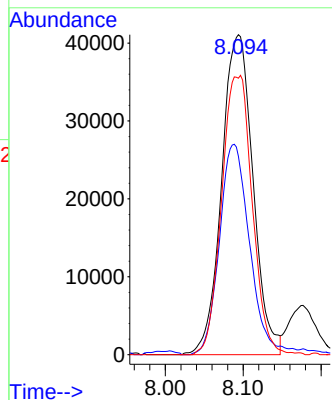
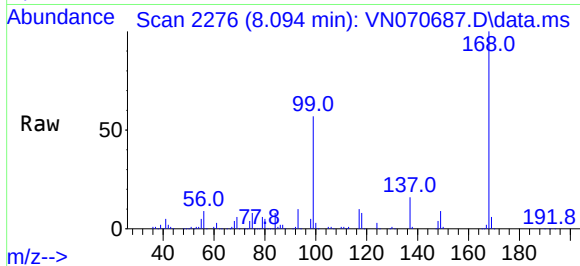




#31
Cyclohexane
Concen: 4.006 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070687.D
Acq: 19 Jan 2022 00:29

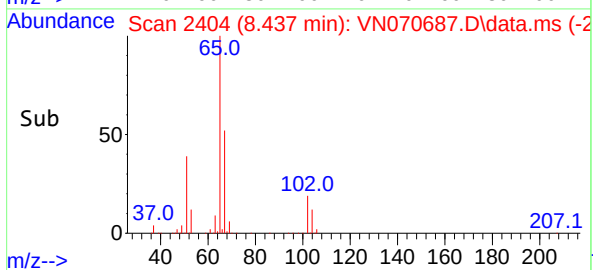
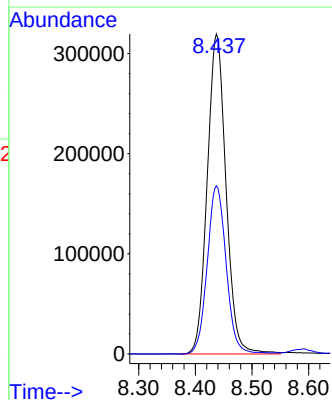
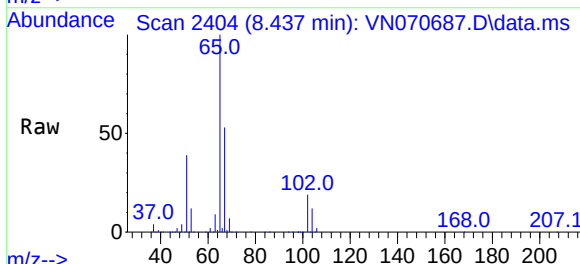
Instrument :
MSVOA_N
ClientSampleId :
MW-46DL

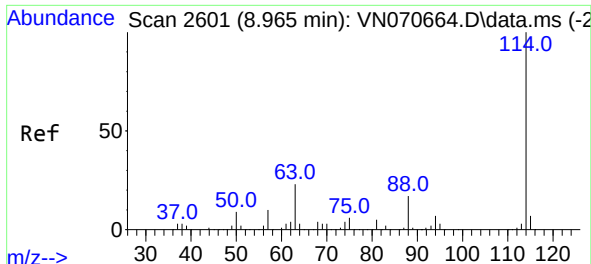
Tgt Ion: 56 Resp: 114844
Ion Ratio Lower Upper
56 100
69 61.5 27.1 40.7#
84 86.4 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 45.278 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070687.D
Acq: 19 Jan 2022 00:29

Tgt Ion: 65 Resp: 737223
Ion Ratio Lower Upper
65 100
67 53.0 0.0 103.0

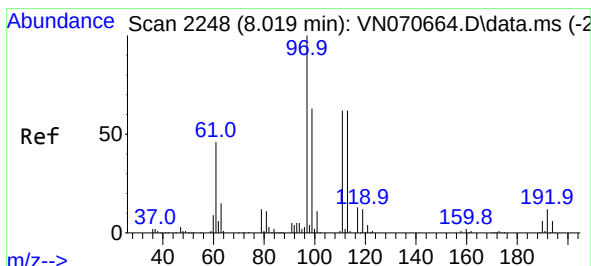
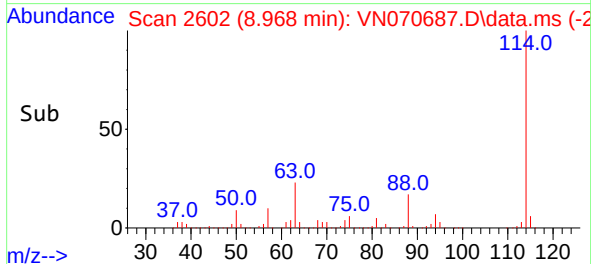
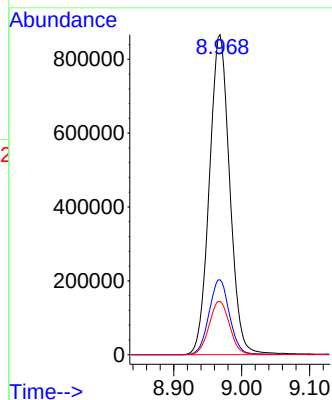
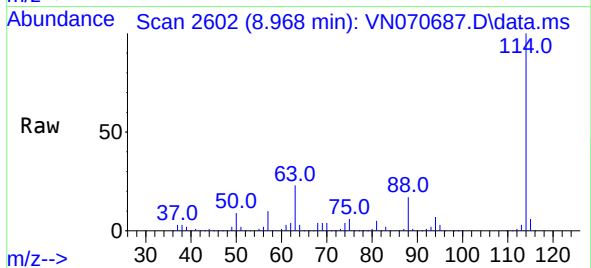




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.003 min
Lab File: VN070687.D
Acq: 19 Jan 2022 00:29

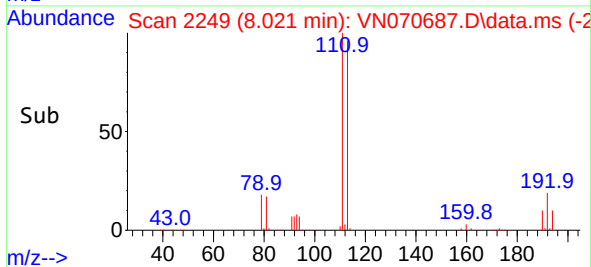
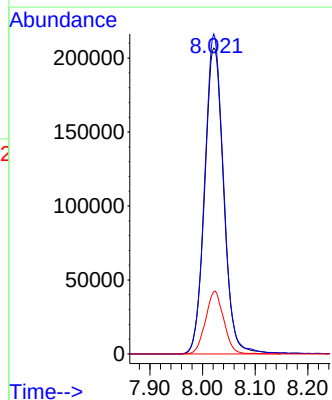
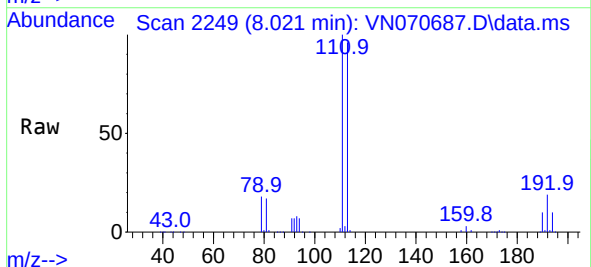
Instrument :
MSVOA_N
ClientSampleId :
MW-46DL

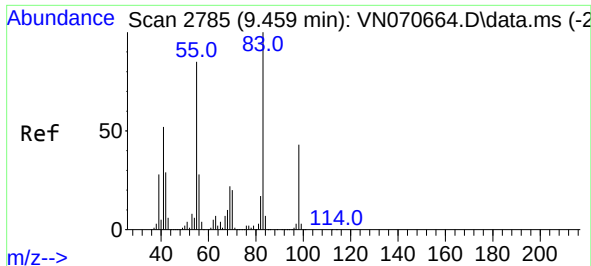
Tgt Ion:114 Resp: 1799714
Ion Ratio Lower Upper
114 100
63 23.4 0.0 37.8
88 16.6 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.556 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.002 min
Lab File: VN070687.D
Acq: 19 Jan 2022 00:29

Tgt Ion:113 Resp: 519737
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 19.5 16.9 25.3





#39

Methylcyclohexane

Concen: 2.341 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070687.D

Acq: 19 Jan 2022 00:29

Instrument :

MSVOA_N

ClientSampleId :

MW-46DL

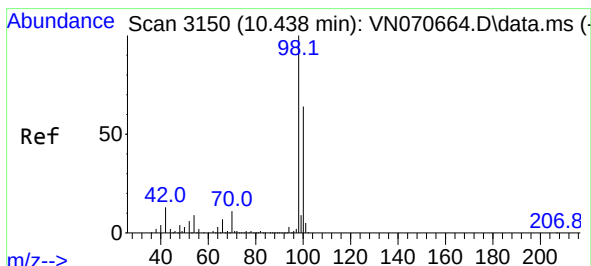
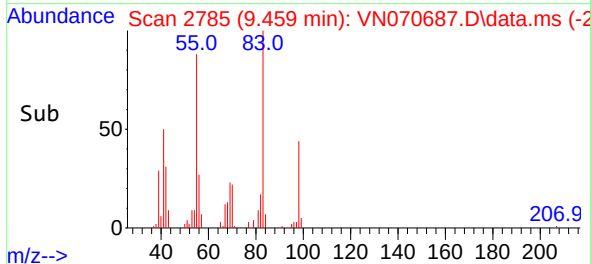
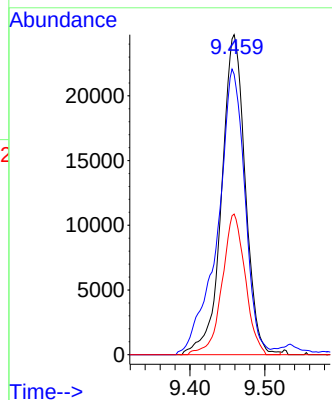
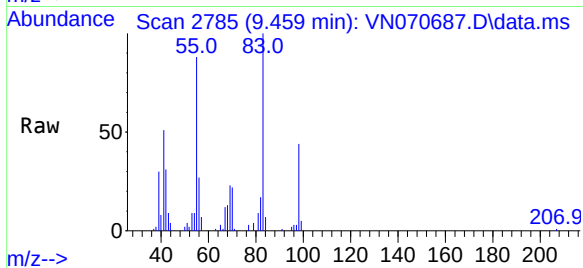
Tgt Ion: 83 Resp: 54310

Ion Ratio Lower Upper

83 100

55 86.5 58.1 87.1

98 44.0 38.4 57.6



#50

Toluene-d8

Concen: 47.619 ug/l

RT: 10.441 min Scan# 3151

Delta R.T. 0.002 min

Lab File: VN070687.D

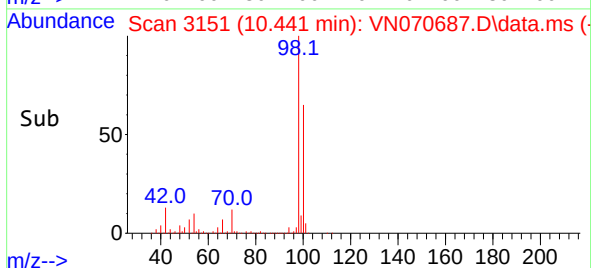
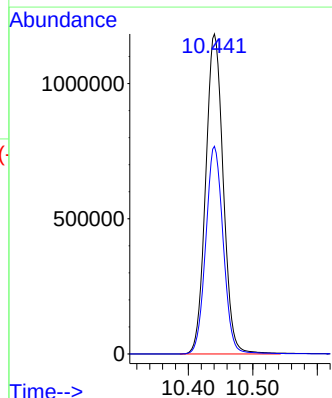
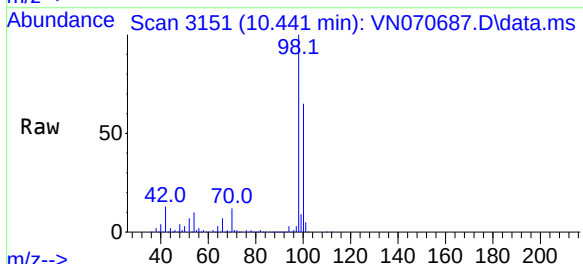
Acq: 19 Jan 2022 00:29

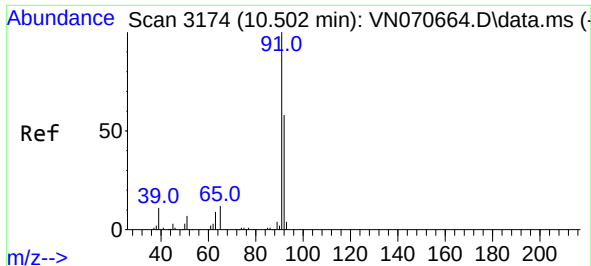
Tgt Ion: 98 Resp: 2239488

Ion Ratio Lower Upper

98 100

100 64.5 50.4 75.6

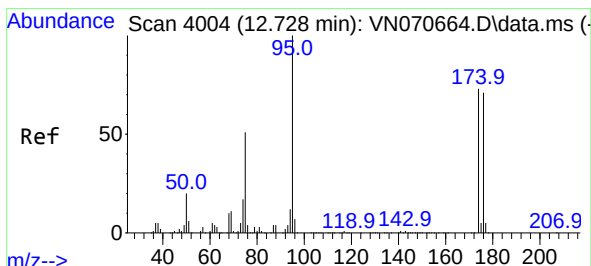
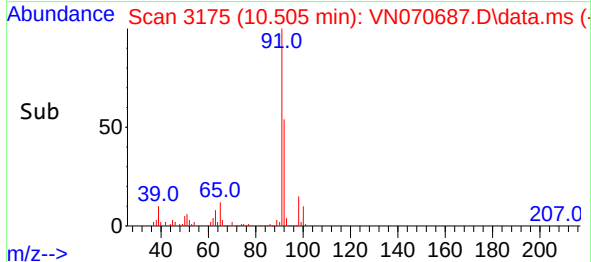
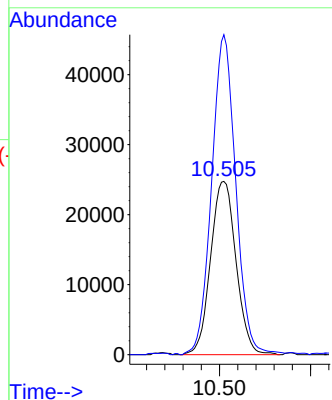
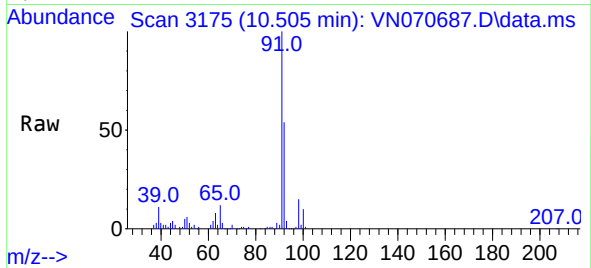




#52
Toluene
Concen: 1.378 ug/l
RT: 10.505 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070687.D
Acq: 19 Jan 2022 00:29

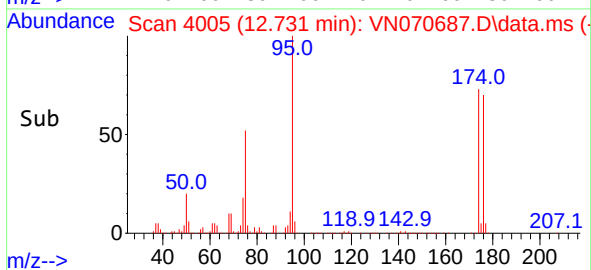
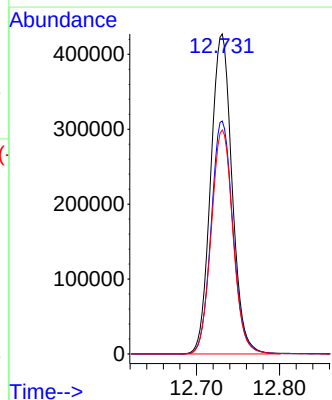
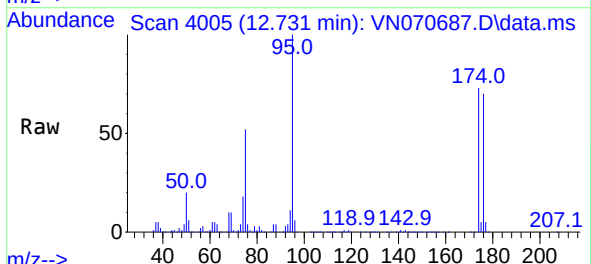
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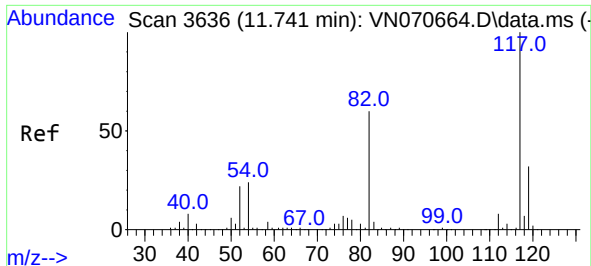
Tgt Ion: 92 Resp: 47997
Ion Ratio Lower Upper
92 100
91 174.7 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 45.485 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070687.D
Acq: 19 Jan 2022 00:29

Tgt Ion: 95 Resp: 762271
Ion Ratio Lower Upper
95 100
174 74.1 0.0 187.2
176 71.3 0.0 181.4

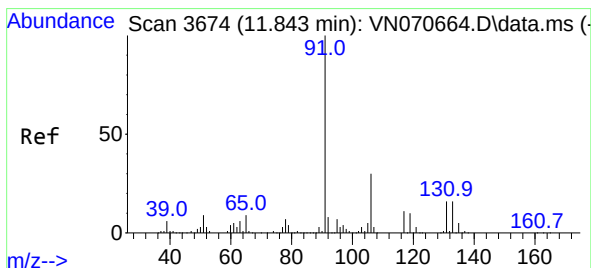
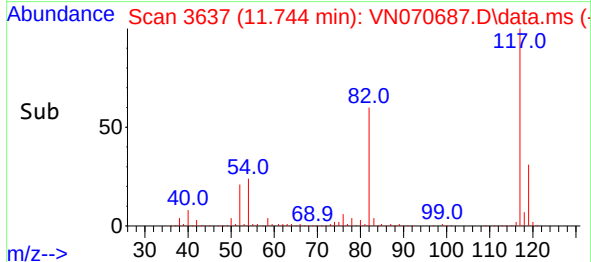
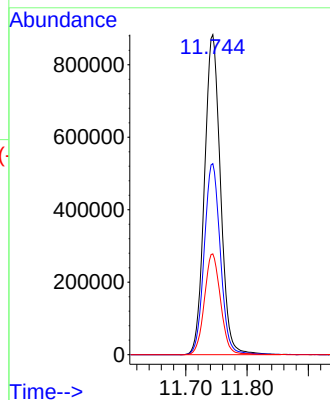
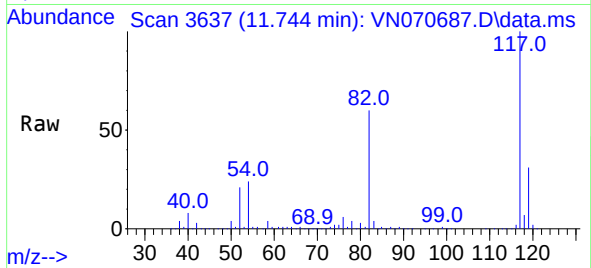




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3636
Delta R.T. 0.003 min
Lab File: VN070687.D
Acq: 19 Jan 2022 00:29

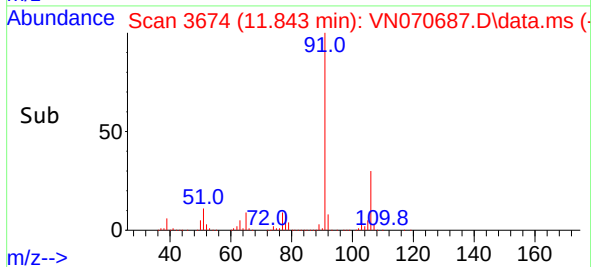
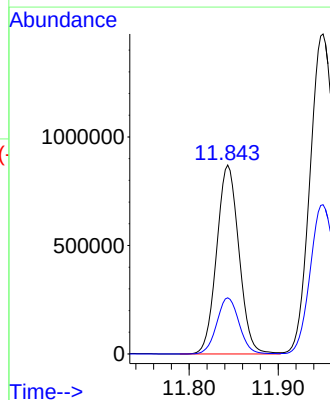
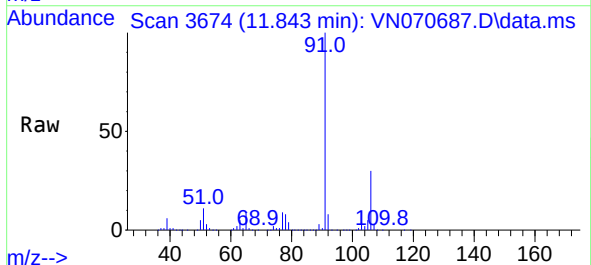
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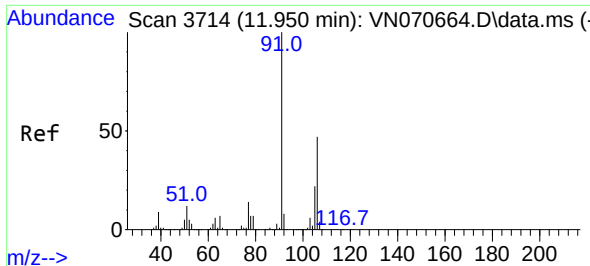
Tgt Ion:117 Resp: 1601759
Ion Ratio Lower Upper
117 100
82 59.7 42.4 63.6
119 31.5 25.4 38.2



#67
Ethyl Benzene
Concen: 23.575 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070687.D
Acq: 19 Jan 2022 00:29

Tgt Ion: 91 Resp: 1516877
Ion Ratio Lower Upper
91 100
106 29.7 25.7 38.5

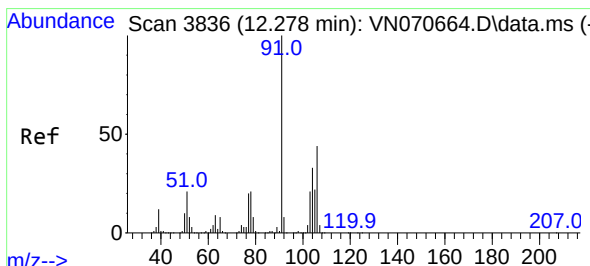
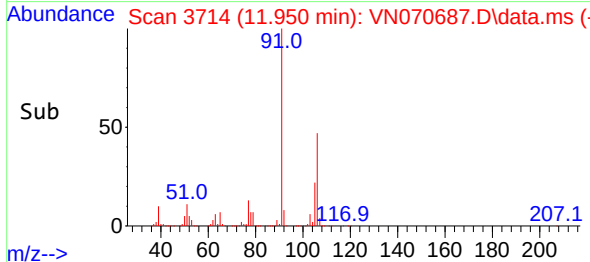
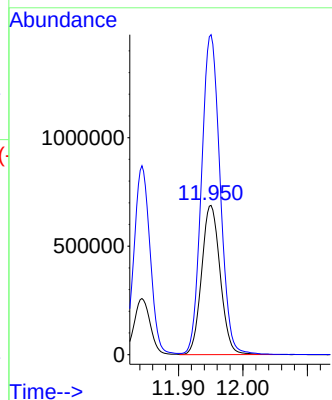
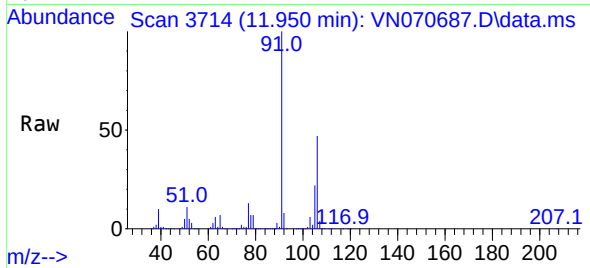




#68
m/p-Xylenes
Concen: 58.954 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. 0.000 min
Lab File: VN070687.D
Acq: 19 Jan 2022 00:29

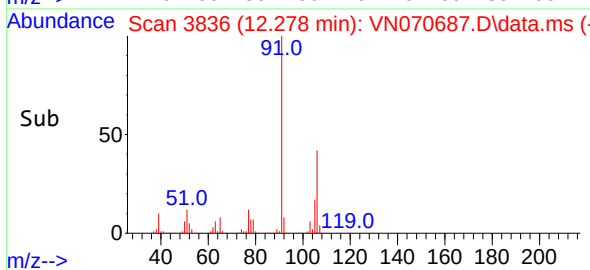
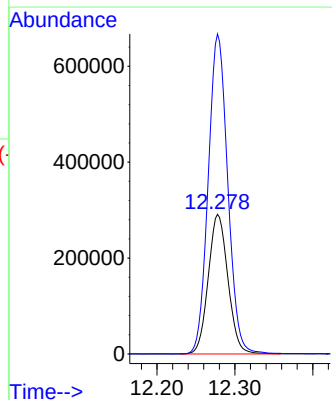
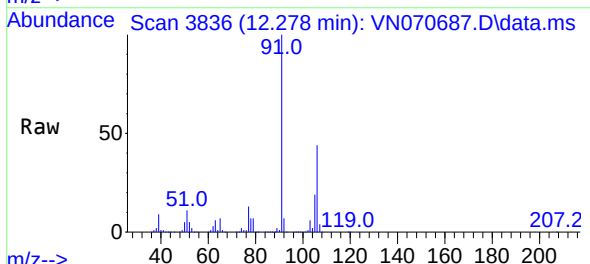
Instrument :
MSVOA_N
ClientSampleId :
MW-46DL

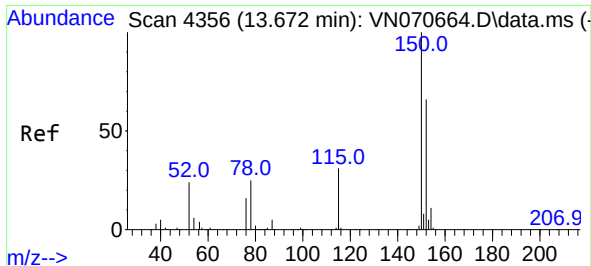
Tgt Ion:106 Resp: 1379908
Ion Ratio Lower Upper
106 100
91 214.8 160.6 240.8



#69
o-Xylene
Concen: 22.062 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070687.D
Acq: 19 Jan 2022 00:29

Tgt Ion:106 Resp: 512473
Ion Ratio Lower Upper
106 100
91 227.2 105.8 317.3

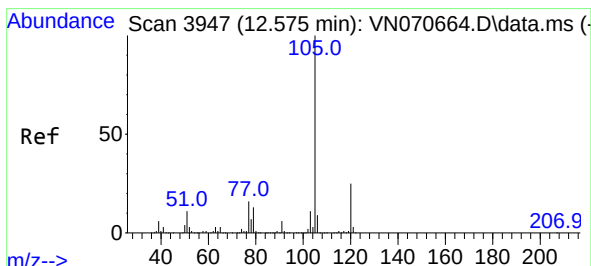
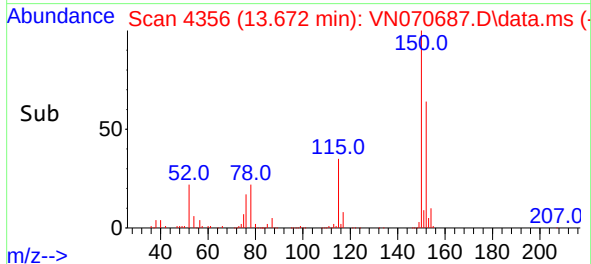
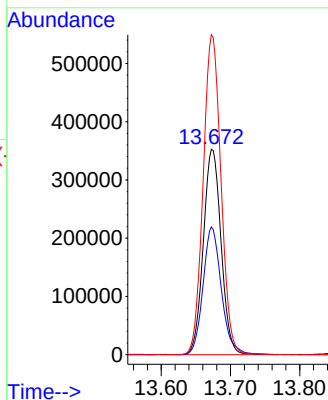
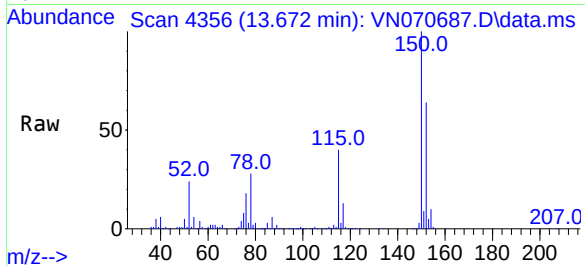




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070687.D
Acq: 19 Jan 2022 00:29

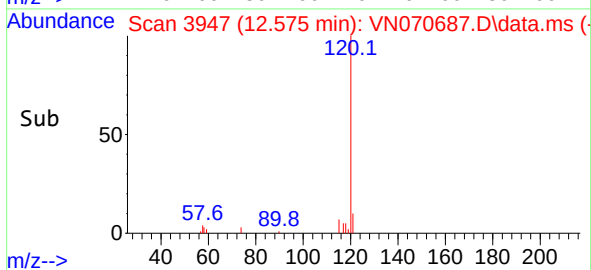
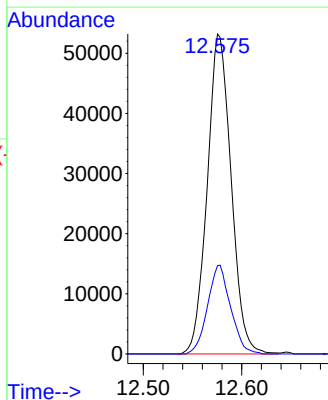
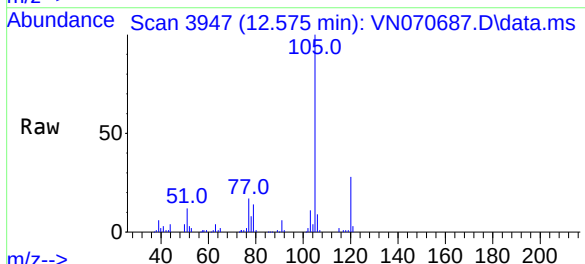
Instrument :
MSVOA_N
ClientSampleId :
MW-46DL

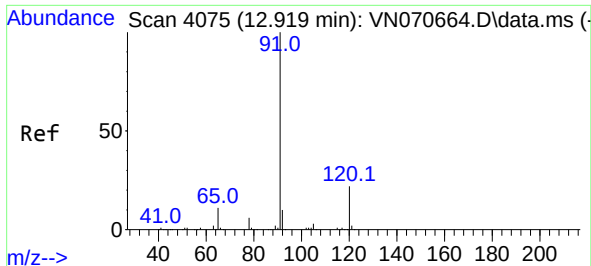
Tgt Ion:152 Resp: 629070
Ion Ratio Lower Upper
152 100
115 64.3 27.5 82.5
150 156.3 0.0 344.4



#73
Isopropylbenzene
Concen: 1.510 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VN070687.D
Acq: 19 Jan 2022 00:29

Tgt Ion:105 Resp: 89879
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1

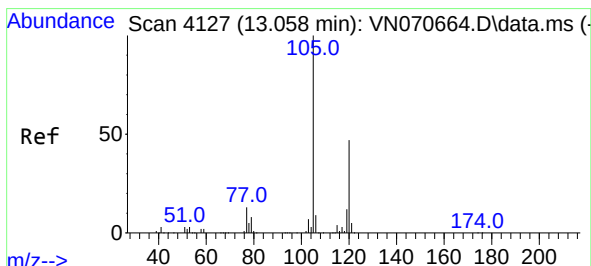
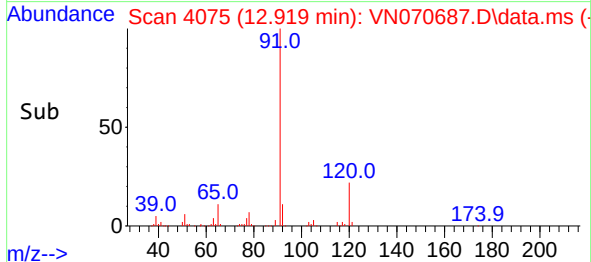
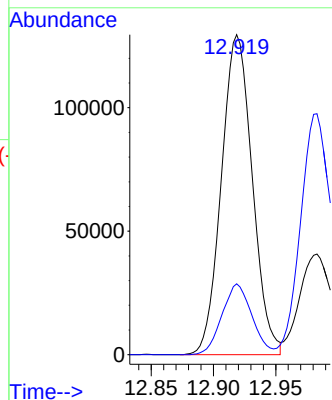
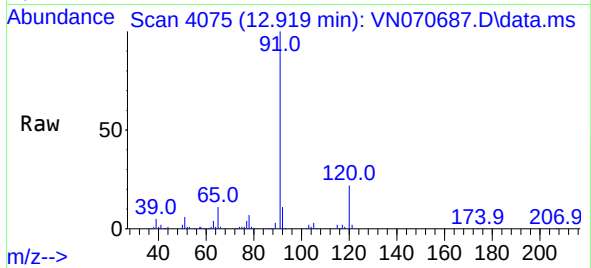




#78
n-propylbenzene
Concen: 3.360 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070687.D
Acq: 19 Jan 2022 00:29

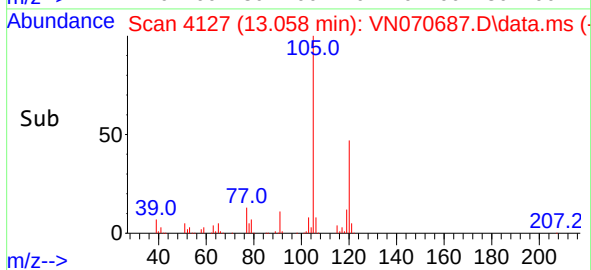
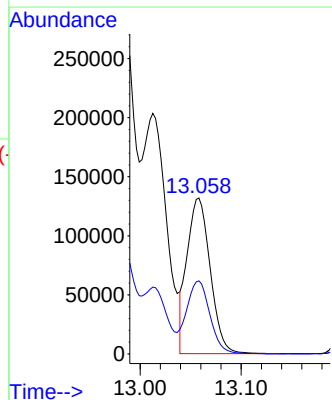
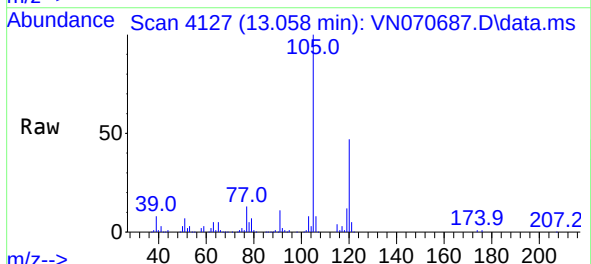
Instrument :
MSVOA_N
ClientSampleId :
MW-46DL

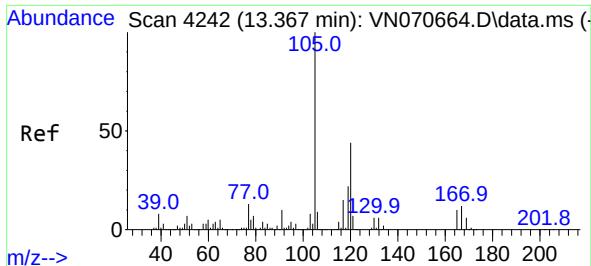
Tgt Ion: 91 Resp: 223640
Ion Ratio Lower Upper
91 100
120 21.4 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 4.359 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070687.D
Acq: 19 Jan 2022 00:29

Tgt Ion:105 Resp: 209770
Ion Ratio Lower Upper
105 100
120 47.8 24.6 73.6

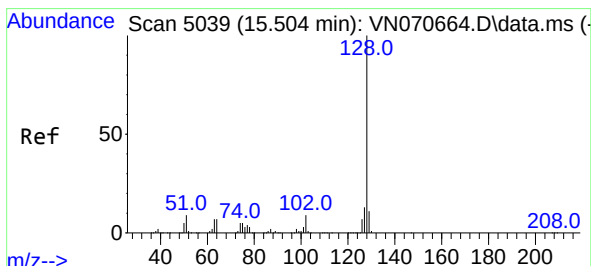
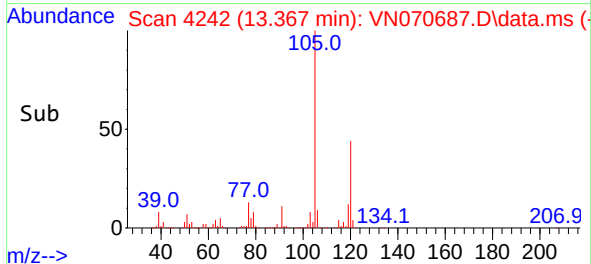
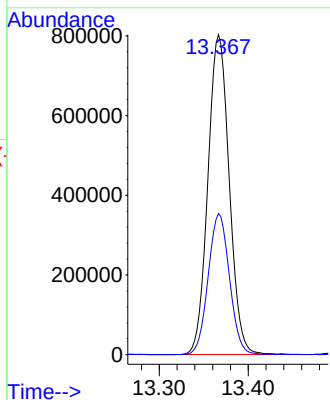
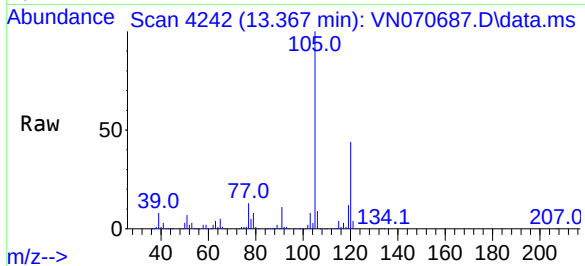




#84
1,2,4-Trimethylbenzene
Concen: 28.878 ug/l
RT: 13.367 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN070687.D
Acq: 19 Jan 2022 00:29

Instrument :
MSVOA_N
ClientSampleId :
MW-46DL

Tgt Ion:105 Resp: 1335910
Ion Ratio Lower Upper
105 100
120 44.1 22.8 68.4



#95
Naphthalene
Concen: 9.802 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN070687.D
Acq: 19 Jan 2022 00:29

Tgt Ion:128 Resp: 175717
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.0 8.7 13.1

